

## A REVISED AND UPDATED CATALOG OF QUASI-STELLAR OBJECTS

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## ABSTRACT

The paper contains a catalog of all known quasi-stellar objects (QSOs) with measured emission redshifts, and BL Lac objects, complete to 1992 December 31. The catalog contains 7315 objects, nearly all QSOs including about 90 BL Lac objects. The catalog and references contain extensive information on names, positions, magnitudes, colors, emission-line redshifts, absorption, variability, polarization, and X-ray, radio, and infrared data. A key in the form of subsidiary tables enables the reader to relate the name of a given object to its coordinate name, which is used throughout the compilation.

Plots of the Hubble diagram, the apparent magnitude distribution, the emission redshift distribution, and the distribution of the QSOs on the sky are also given.

*Subject headings:* catalogs — quasars: general

## 1. INTRODUCTION

We have published four previous compilations of quasi-stellar objects (QSOs) (Burbidge, Crowne, & Smith 1977; Hewitt & Burbidge 1980, 1987, 1989) and related to them, two lists of BL Lac objects and related objects (Hewitt & Burbidge 1987; Burbidge & Hewitt 1992) and one catalog of emission-line objects related to QSOs (Hewitt & Burbidge 1991).

In this catalog there are 7315 QSOs and BL Lac objects as we define them, more than 10 times as many as in our first catalog (Burbidge et al. 1977). We have tried to use operational definitions for QSOs and BL Lac objects so that the catalog will be a good reference system.

This catalog is a complete revision and extension of the catalog of 1987 (Hewitt & Burbidge 1987) and the supplement of 1989 (Hewitt & Burbidge 1989). The references concerning the objects contained in our 1987 and 1989 compilations have been brought up to date, and some changes and modifications have been made to the format and entries in Table 1 (see § 2). With the addition of about 3000 more QSOs and BL Lac objects and many new references, the catalog has more than doubled in size since 1987.

The classical definition of a QSO as a starlike object with a large emission-line redshift is in itself ambiguous since “large” and “starlike” are never defined. It has been shown in recent years that many genuine low-redshift QSOs have fuzz around their central nuclei. In addition, there are many comparatively low-redshift objects with nuclei which are spectroscopically similar to QSOs. They are variously called Seyfert nuclei, N-systems, or active galactic nuclei. Thus there has developed some confusion concerning the way in which low-redshift objects are designated.

We have followed our earlier definition. If the object is starlike (with or without fuzz) and has  $z \geq 0.1$ , we call it a QSO.

We have included a small number of objects discovered by Koo & Kron (1988) and Boyle (1986) which have redshifts in

the range 0.3 to 0.65, but which those authors have described as blue compact galaxies because they have emission lines narrower than those in a “typical” QSO.

We have recently published a catalog of all low-redshift objects which contain active galactic nuclei but which are not QSOs according to the definition we use (Hewitt & Burbidge 1991). That compilation which contains more than 900 entries includes all objects with ambiguous definitions, as well as all objects defined as Seyfert nuclei, N-systems, active galactic nuclei, etc.

In our earlier QSO catalogs we included a few objects with  $z < 0.1$  since they had been called QSOs in the earlier literature. However, in order to make a clear division at  $z = 0.1$ , we have removed all of those objects from this catalog. They are included in our catalog of low-redshift objects which contain active galactic nuclei but are not QSOs (Hewitt & Burbidge 1991). Twenty-nine objects are in this category, 28 with  $z < 0.1$  and one, 0111–015, which has  $z = 0.120$  since it is nonstellar. So that this catalog can be used without reference to the catalog of Hewitt & Burbidge (1991), we have listed those objects in Table 3 at the end of this paper.

For the BL Lac objects we use the classical definition as follows. A BL Lac object is an object showing strong flux variations at all wavelengths which have been observed, a high degree of radio polarization, and an optical continuum containing no emission features. Such objects may also exhibit a high degree of optical polarization.

Some BL Lac objects are physically associated with galaxies, and redshifts have been measured from the galaxy absorption lines, or emission lines from interstellar gas in the galaxy. In these cases we do not list the galaxy redshift in Table 1, since it does not arise from the BL Lac object. However, this redshift is listed in the notes in the last column of Table 1.

There continues to be confusion among different workers concerning which are BL Lac objects and which are not. This confusion has been compounded by use of the category “opti-

cal violent variable" (OVV), or blazar, if the QSO shows high optical polarization. These two latter terms, which are used interchangeably, are often used to describe rapidly varying objects whether or not emission lines are present in their spectra. Thus, while all genuine BL Lac objects are OVVs, the converse is not true. Another term sometimes used is high-polarization quasars (HPQs). In a recent review (Burbidge & Hewitt 1992) we listed all of the objects (215) we thought belonged in the list of OVV objects, HPQ objects, and genuine BL Lac objects.

We believe that all of the BL Lac objects which obey the classical definition are contained in our catalog. The numbers have increased only slightly since our earlier compilation in 1987 (Burbidge & Hewitt 1987).

In the catalog we have used two symbols to denote absorption. A cross after the emission redshifts denotes that absorption has been seen but not measured. An asterisk (\*) indicates that absorption redshifts have been reported. In this case they can be found in the  $z(\text{abs})$  column in Table 1. There are 290 objects for which absorption has been seen but no redshift systems measured, and 415 in which one or more absorption redshift has been reported. In a separate investigation, we have given a detailed list of absorption-line objects (Junkkarinen, Hewitt, & Burbidge 1991).

Unfortunately we have not been able to include all QSOs with redshifts known to us in this catalog. The exceptions are some of the QSOs identified by McMahon and Hazard, many of which have large redshifts but for which no coordinates have been published. The redshifts and some magnitudes have been published by Irwin & McMahon (1990) and by Lanzetta et al. (1991). The latter authors have also carried out spectroscopic analyses of some of these objects.

For the sake of completeness, we list these objects in Table 4 at the end of this paper.

## 2. CONTENTS OF TABLE 1

Table 1 appears at the end of the text (see page 460). The format of the table is similar to that used by us previously.

1. The coordinate designation in order of increasing right ascension. Under the coordinate designation the symbol BL Lac appears for all BL Lac objects. In addition, the selection technique is designated by R (radio), X (X-ray), V (variability), C (UV excess), or O (objective prism and related techniques). If the object was originally detected by one technique (e.g., radio), and it is subsequently detected as a source of radiation in another part of the electromagnetic spectrum (e.g., X-ray), an X will appear under the R (and similarly for other combinations).

2. The other names of the object, of which the first one listed is in general the name under which the object was first identified. In many cases objects have more than one name. To assist workers in finding QSOs known only by their radio or optical catalog name (e.g., PHL 957), we list in Table 2 all of the names found in the second column in Table 1 together with the appropriate coordinate designation.

3 and 4. The right ascension and declination in 1950 coordinates (col. [3]) and in 2000 coordinates (col. [4]). The positions are those for the optical object. The majority are taken either from the identification paper or from the paper containing the redshift measurement. It should be noted that for the QSOs close to bright galaxies, where no coordinates have been

given in the literature, we have used the galaxy coordinates. When this is done, the name of the galaxy (generally its NGC number) appears in the name column followed by the QSO name.

5. The apparent magnitude,  $V$ , with an asterisk (\*) following it if the optical object is known to be variable. Often the only apparent magnitude available is  $m_{\text{pg}}$ , a  $B$ -magnitude, or an estimate from a Schmidt plate. Thus these magnitudes are very uncertain and inhomogeneous.

6 and 7. The  $B - V$  and  $U - B$  colors. For the majority of the QSOs we have only rather crude measures of the energy distribution in the form of the colors. As was the case in our previous catalogs, we give all published ( $U - B$ ), ( $B - V$ ) measures. For a small fraction of the QSOs, much more accurate measures of the energy distribution have been made. In such cases references are given in the Notes column.

8. The emission redshift,  $z(\text{em})$ . A plus sign indicates that absorption has been seen but no redshift systems have been measured; an asterisk (\*) indicates that absorption redshifts have been reported. The absorption redshifts appear in the  $z(\text{abs})$  column. In general, the emission redshift is the best measured observational quantity for a QSO. Where a redshift has been reported, we give the emission lines on which it is based. In cases where the redshift is considered uncertain, it is put in parentheses.

9. Emission lines on which the redshift is based. In a very small fraction of QSOs, where high-dispersion studies have been made and a very rich spectrum has been seen, the complete line list has not been given. However, the references containing the complete line list are noted.

10. Absorption redshifts,  $z(\text{abs})$ . We list all those absorption redshifts which we believe are reliable, except for the very large number of  $\text{Ly}\alpha$ - $\text{Ly}\beta$  pairs which have been reported in a few high-redshift QSOs. In cases where the QSOs have broad absorption lines (BAL), it is difficult to measure mean absorption redshifts. Thus, very few  $z(\text{abs})$  values are given for BALs. In some cases a range in  $z(\text{abs})$  appears in the Notes column. Additional information is given in the references for these cases. Also see our other compilation (Junkkarinen et al. 1991).

11. References for identification, emission redshift  $z$ , variability, radio and absorption.

12. Notes and additional references. Abbreviations used including the following:

absr	21 cm absorption
BAL	broad absorption line QSO
B(J)mag	defined in Koo & Kron (1982)
BALva	broad absorption lines variable
BAL?	broad absorption lines questionable
elp	emission-line profiles
emlvar	emission lines variable
euv	extreme ultraviolet spectra
ext	report of optical jet or fuzz
fc	finding chart
FeIIem	many Fe II lines
hfe	high-frequency excess
hpq	high polarization quasar
imag	imaging
ir	infrared

irvar	infrared variable		MHz (Hazard, Gulkis, & Bray 1967; Hazard, Gulkis, & Sutton 1968; Gulkis, Sutton, & Hazard 1969; Lang et al. 1970).
IRAS	object identified in the <i>IRAS</i> catalog		
irpol	infrared polarization		
irvar	infrared variable	AB, B	Braccesi ultraviolet-excess objects, some of which are found in Braccesi, Formigini, & Gandolfi (1970); Braccesi, Lynds, & Sandage (1968).
ir/r	infrared/radio		
Jmag	defined in Koo & Kron (1982). See also Kron (1980).		The First Bologna Catalog of Radio Sources, 408 MHz (Braccesi et al. 1965).
m(or)	passband on direct plates used in UK Schmidt Survey	B1	The Second Bologna Catalog of Radio Sources, 408 MHz (Colla et al. 1970, 1972, 1973).
mf	multifrequency observations	B2	Braccesi faint ultraviolet-excess objects (Formigini et al. 1980).
mm	millimeter-wave observations		Blue stellar objects (Sandage & Véron 1965).
mmvar	millimeter-wave variable		Optically selected quasar candidates in a field containing the South Galactic Pole (Clowes & Savage 1983).
neml	narrow emission lines	BF	Case stellar objects (Pesch & Sanduleak 1983, 1986, 1988, 1989; Sanduleak & Pesch 1984, 1989, 1990).
OVV	optical violent variable		Cerro el Roble sample of faint ultraviolet-excess objects (Campusano & Torres 1983).
phot	photometry	BSO	Caltech Radio Survey, List A, 960 MHz (Harris & Roberts 1960).
pol	optical polarization		Caltech Radio Survey, List D, 1421 MHz (Kellermann & Read 1965).
poljet	polarized jet	CS	Calán-Tololo Survey (Maza et al. 1989, 1991, 1992).
pos	position		Dominion Radio Observatory Survey, List A, 1420 MHz (Galt & Kennedy 1968).
rjet	radio jet		Dominion Radio Observatory Survey, List B, 10.03 MHz (Bridle & Purton 1968).
rnd	not detected as radio source	CSO	University of Durham source (Shanks, Fong, & Boyle 1983).
rpol	radio polarization		Dwingeloo-Green Bank Radio Source List, 1417 MHz (Davis 1967).
rvar	radio variable		Source identified using the <i>Einstein Observatory</i> (Giacconi et al. 1979).
si	speckle interferometry	CT	ESO/Uppsala Survey of the ESO (B) Atlas (Holmberg et al. 1978).
sp	spectra	CTA	A wide-field multicolor survey for high-redshift quasars (Warren et al. 1991; Warren, Hewett, & Osmer 1991).
spext	spectroscopy of the extension		A spectroscopic survey of faint QSOs using multicolor techniques (Boyle, Jones, & Shanks 1991).
spvar	spectral variability	CTD	NRAO 5 GHz Radio Survey (Davis 1971).
ubv	colors		408 MHz Radio Survey (Grueff & Vigotti 1968).
ubvri	extended photometry	CTS	Kron & Chiu 1981.
uv	ultraviolet spectra		(Koo, Kron, & Cudworth 1986).
uvabs	ultraviolet absorption	DA	A Kitt Peak Radio and Optical Survey of Quasars (Sramek & Weedman 1978).
uvem	ultraviolet emission		Luyten blue star catalog (Luyten 1962).
uvnd	not detected in the ultraviolet	DB	408 MHz survey (Long, Haseler, & Elsmore 1963).
uvvar	ultraviolet variable		The Molonglo Reference Catalogue of Radio Sources (Large et al. 1981).
uv/ir	spectrophotometry in the ultraviolet and near infrared	DHM	
varnd	variability not detected		
vlbi	very long baseline interferometry (radio)	DW	
x	X-ray	E	
xnd	not detected as X-ray source		
xvar	X-ray variable	ESO	
zgal	redshift of galaxy apparently containing BL Lac source	F	

At the end of Table 1 the references are listed both in numerical and in alphabetical order.

### 3. CONTENTS OF TABLE 2

The subsidiary lists in Table 2 (see page 927) will enable the reader to locate in the main table objects which have names that do not contain coordinates. The many designations arising from the different catalogs are as follows:

A2	Asiago blue objects in the field of the Coma Cluster of galaxies (Barbieri & Rosino 1972).	GC	NRAO 5 GHz Radio Survey (Davis 1971).
A3	Asiago UVX objects (Barbieri & Benvenuti 1974).	GV	408 MHz Radio Survey (Grueff & Vigotti 1968).
A0	Arecibo Occultation Survey, 430 and 195	KC	Kron & Chiu 1981.
		KKC	(Koo, Kron, & Cudworth 1986).
		KP	A Kitt Peak Radio and Optical Survey of Quasars (Sramek & Weedman 1978).
		LB	Luyten blue star catalog (Luyten 1962).
		LHE	408 MHz survey (Long, Haseler, & Elsmore 1963).
		MC	The Molonglo Reference Catalogue of Radio Sources (Large et al. 1981).

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MC2, MC3	Molonglo Radio Catalog, 408 MHz (Sutton et al. 1974; Davies, Little, & Mills 1973).	(Wall, Shimmins, & Merkelijn 1971; Shimmins 1971; Shimmins & Bolton 1972, 1974; Bolton & Shimmins 1973; Bolton et al. 1975), the Parkes Master Catalogue (Bolton, Wright, & Savage 1979).
MC5	Molonglo Weak Source Survey (Mills, unpublished).	Objects discovered by Kunth, Sargent, & Kowal (1981).
MD1-6	Quasar identified in a survey for large-scale clustering (Drinkwater 1987). The number (1 through 6) immediately following the MD designation identifies the plate on which the object was found.	QSOs identified in an optical survey for clustering (Boyle 1986).
MKN	Ultraviolet-excess and emission-line objects from objective-prism surveys (Markarian 1967, 1969a, b; Markarian & Lipovetskii 1971, 1972, 1973, 1974, 1976a, b; Markarian, Lipovetskii, & Stepanyan 1977a, b, 1979a, b, c, 1980).	178 MHz survey of sources north of 86° (Ryle & Neville 1962).
MSH	Mills, Slee, Hill Radio Survey, 855 MHz (Mills, Slee, & Hill 1958, 1960, 1961).	Ultraviolet-excess objects near M3 (Richter & Sahakjan 1965).
MZZ	A sample of optically selected quasars brighter than $J = 22.0$ in a field of 0.69 square degrees (Marano, Zamorani, & Zitzelle 1988).	NRAO-Bonn S4 Survey (Pauliny-Toth et al. 1978).
NAB	Neta A. Bahcall, QSOs in the direction of Abell clusters (Bahcall, Bahcall, & Schmidt 1973).	MPIFR 5 GHz Survey (Kühr et al. 1981).
NB	Mullard Radio Observatory, 81.5 MHz (Branson 1967).	A wide-field multicolor survey for high-redshift quasars (Warren et al. 1991; Warren, Hewett, & Osmer 1991).
NRAO	National Radio Astronomy Observatory Catalog 750 + 1400 MHz (Pauliny-Toth, Wade, & Heesch 1966).	Second Byurakan spectral sky survey. Stellar and Seyfert objects. (Markarian et al. 1977a, b, 1979a, b, c, 1980, 1983, 1984).
OA	Ohio source, 1415 MHz (Kraus 1964; Nash 1965; Kraus, Dixon, & Fisher 1966).	QSOs identified in an optical survey for clustering. (Boyle 1986).
OB-OZ	Ohio source, 1415 MHz (Scheer & Kraus 1967; Dixon & Kraus 1968; Fitch, Dixon, & Kraus 1969; Ehman, Dixon, & Kraus 1970; Brundage et al. 1971; Ehman et al. 1974; Rinsland et al. 1974). Ohio sources may be found in the catalog by noting that the name is a coordinate designation. The second letter (B–Z, omitting the letter O) gives the hours of the right ascension, the first digit gives the declination in 10° increments, and the last two digits give the right ascension to 0 <sup>h</sup> 01 (thus OQ 172 has 10° < $\delta$ < 10° and $\alpha = 14^{\text{h}}72$ ).	Optical survey for faint quasars (Bohuski & Weedman 1979).
OTL	Ooty occultation radio source, 327 MHz (Kapahi, Joshi, & Kandaswamy 1973; Kapahi et al. 1973).	Tonantzintla blue stellar objects (Iriarte & Chavira 1957; Chavira 1958, 1959).
PB	Faint Blue Stars at High Galactic Latitude (Berger & Fringant 1977, 1980).	Curtis Schmidt Thin Prism Survey for Extragalactic Emission-Line Objects (MacAlpine, Smith, & Lewis 1977a, b; MacAlpine, Lewis, & Smith 1977; MacAlpine & Lewis 1978).
PC	Spectroscopic CCD surveys for quasars at large redshift: a deep PFUEI survey (Schmidt, Schneider, & Gunn 1986a); a PFUEI transit survey (Schmidt et al. 1986b).	Faint Blue Objects at High Galactic Latitude (Usher 1981; Usher, Mattson, & Warnock 1982; Usher & Mitchell 1982; Huang & Usher 1984).
PG	Palomar-Green bright quasar survey (Green 1976; Schmidt & Green 1983).	University of Texas Radio Astronomy Observatory sources (Douglas et al. 1973; Wills, Wills, & Douglas 1985).
PHL	Palomar-Haro-Luyten blue stellar objects at high Galactic latitude (Haro & Luyten 1962).	Vermilion River Observatory Survey, 610 MHz (MacLeod et al. 1965; Wendker et al. 1970).
PKS	Parkes Radio Catalog, 408 and 1410 MHz (Ekers 1969), Parkes 2700 MHz Survey	Faint blue objects near the north Galactic pole (Weistrop 1973).
		Westerbork Synthesis Radio Telescope (WSRT) sources (Willis, Oosterbaan, & de Ruiter 1976).
		Westerbork Survey, number 53 Hercules field, number 55 SA 28 field (Windhorst 1984; Windhorst, Van Heerde, & Katgert 1984).
		Very Blue Stellar Objects near Galaxies (Weedman 1971).
		Zwicky compact objects (Zwicky 1971).
		Third Cambridge Radio Catalogue, 159 MHz (Edge et al. 1959).
		Third Cambridge Radio Catalogue (Revised), 178 MHz (Bennett 1962) (a few objects listed with a 3C or 3CR number followed by a slash and a second number (as in



- 3C 93.1/113) are weak sources near strong 3C sources from a survey by Windram & Kenderdine 1969).
- 4C Fourth Cambridge Radio Catalogue, 178 MHz (Pilkington & Scott 1965; Gower, Scott, & Wills 1967; Caswell & Crowther 1969).
- 5C Fifth Cambridge Radio Catalogue, 408 MHz (Pooley & Kenderdine 1968; Pooley 1969; Willson 1970).

#### 4. STATISTICAL PROPERTIES

From the very detailed and extensive compilation contained in Table 1 it is possible to make a number of studies of the statistical properties of the QSOs, always bearing in mind that the objects form a very heterogeneous collection, and that very many selection effects are at work.

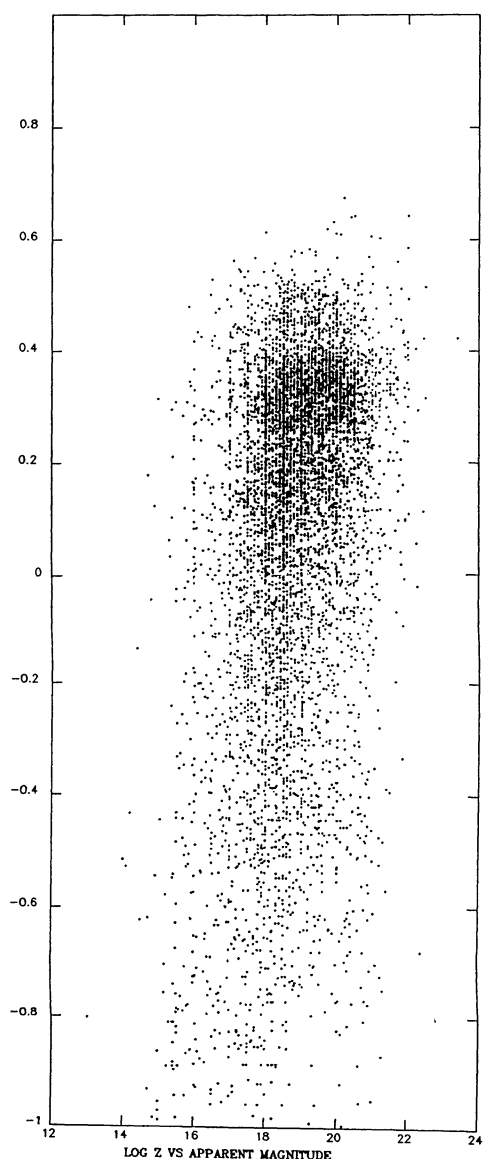


FIG. 1.—Plot of  $\log z$  against apparent magnitude for all of the QSOs in Table 1.

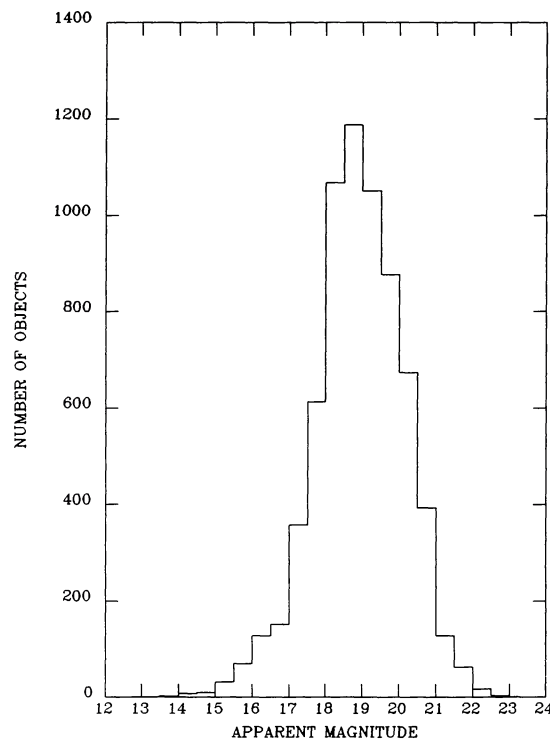


FIG. 2.—Histogram showing the distribution of apparent magnitudes of all of the QSOs in Table 1.

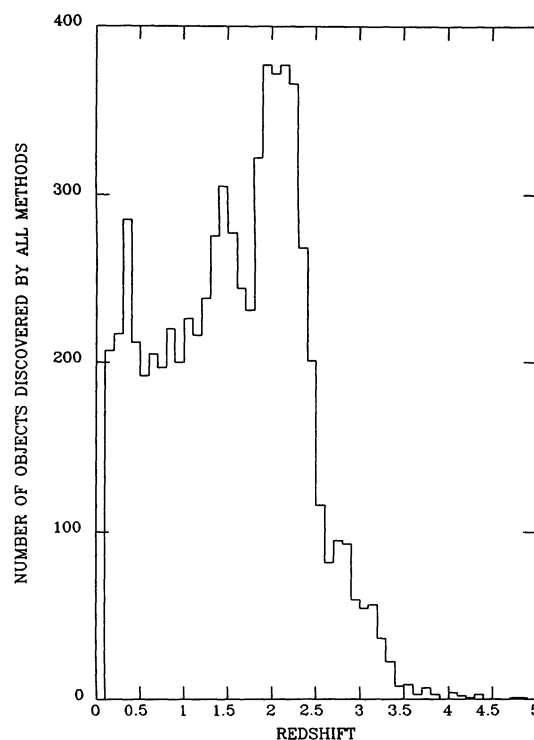


FIG. 3.—Histogram showing the emission redshift distribution for all of the QSOs in Table 1.

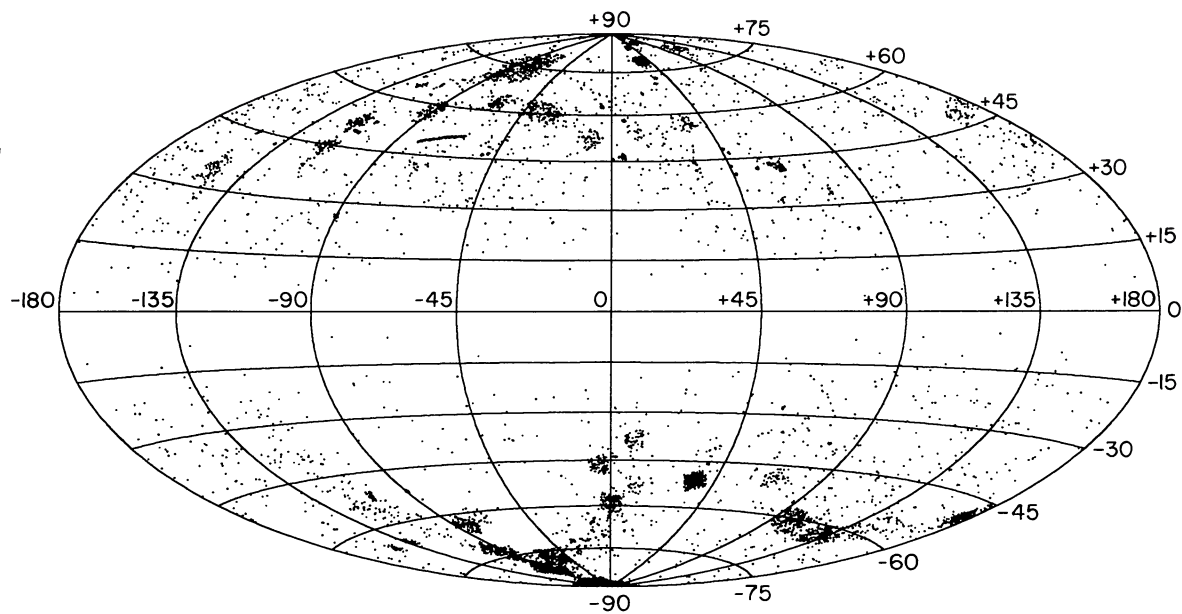


FIG. 4.—Distribution of 7315 QSOs on the sky in Galactic coordinates (Aitoff projection)

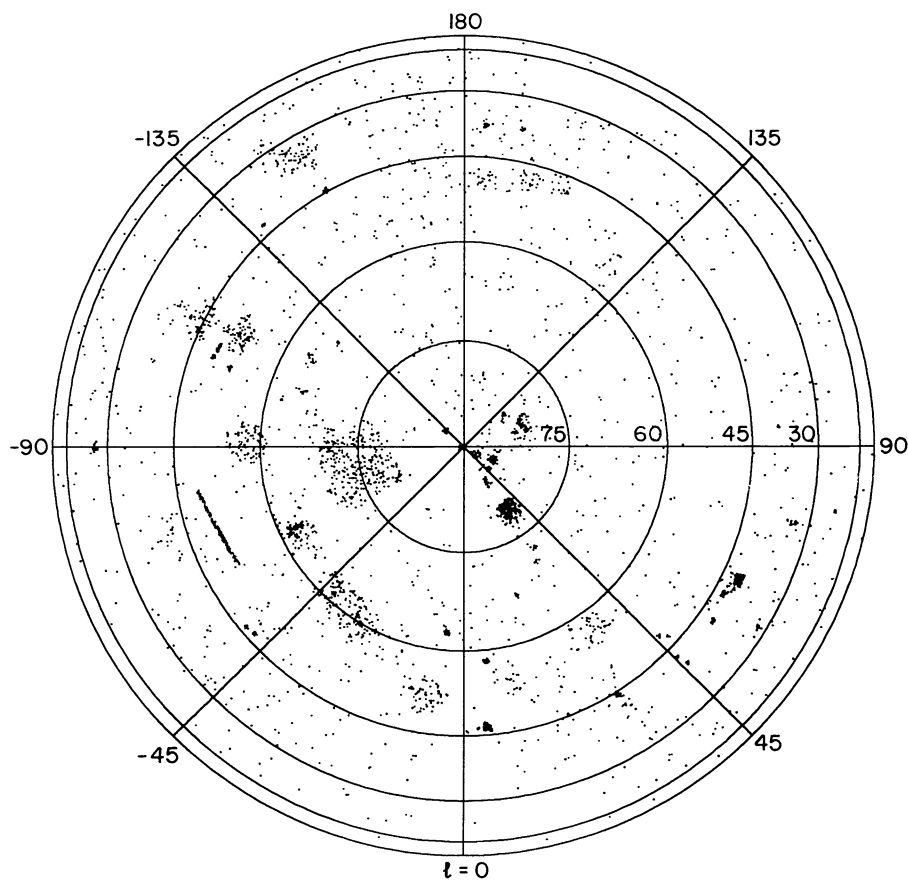


FIG. 5.—Distribution of 7315 QSOs in Galactic coordinates viewed from the North Galactic Pole. (Center of plot is  $b = 90^\circ$ )

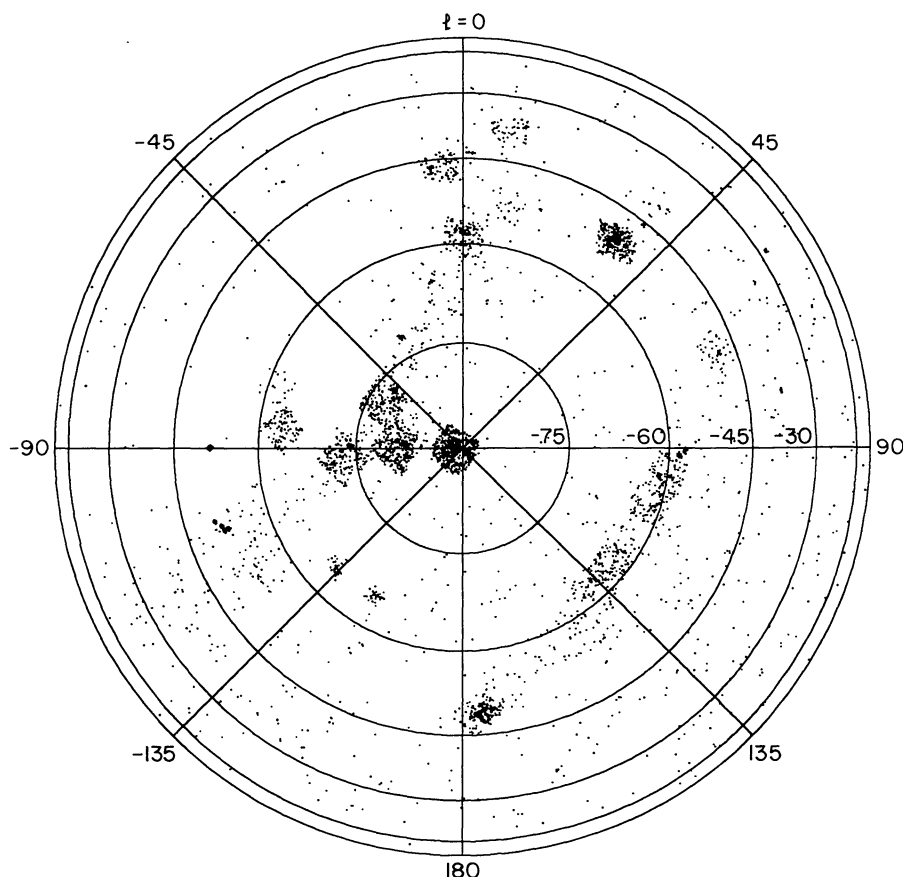


FIG. 6.—Distribution of 7315 QSOs in Galactic coordinates viewed from the South Galactic Pole. (Center of plot is  $b = -90^\circ$ )

In Figure 1 we show the Hubble plot  $\log z$  against apparent magnitude. As is well-known, this shows a very large scatter.

In Figure 2 we show the apparent magnitude distribution of all of the objects. If this figure is compared with the comparable figure (Fig. 1) in our earlier catalog (Hewitt & Burbidge 1987), we see that the recent surveys have covered about the same magnitude range as that in 1987.

In Figure 3 we show the emission redshift distribution for all of the QSOs.

In Figures 4, 5 and 6 we show the distribution on the sky of all the QSOs listed in Table 1. In Figure 4 we show the distribution in Galactic coordinates using an Aitoff projection. In Figure 5 and 6 we show the distribution as seen from the North and South Galactic poles, respectively.

More than 4000 of the QSOs in Table 1 have been identified by the objective prism-grism technique and related methods which tend to select preferentially QSOs in the redshift range  $1.8 < z < 3.4$ . Thus to look for possible peaks and periodicities it is necessary to remove these. We provided a list with these objects removed to J. V. Narlikar and in a recent paper (Durai, Das Gupta, & Narlikar 1992) some of these effects have been studied.

The very steep drop-off in the number of QSOs in the redshift range 2–2.5 which has been known since early times is very clearly present in Figure 3. The number of very high-redshift QSOs is still comparatively small. Even including those in Table 4 there are only 252 (3.5%) with  $z \geq 3$  and 21 (0.3%) with  $z \geq 4$ .

We wish to thank many astronomers who communicated data to us ahead of publication. We also wish to thank Vesa Junkkarinen who has worked on the program that generated Table 1 and the projections on the sky. He has helped us for many years. Also we wish to thank Richard Bentley who has also helped with the programs. Over the last year Kathy Steffen has helped us to complete this investigation and we are happy to acknowledge her work. We are also very grateful to Betty Travell who has helped extensively in the preparation of the manuscript and tables.

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TABLE 1  
OPTICAL CATALOG OF QUASI-STELLAR OBJECTS

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0000-026 O	PHL 2565	0 0 3.58 -2 37 54.0	0 2 37.34 -2 21 11.9	18.8					1.74	H I 1216 C IV 1549 C III 1909		1387 1387 1871					2274B(J)mag
0000+019 O		0 0 4.26 1 59 15.5	0 2 38.05 2 15 57.5	18.4					1.08			2043 2043					2043B(J)mag
0000+011 O		0 0 19.9 1 9 38.5	0 2 53.68 1 26 20.5	20.0					2.803	H I 1216 O IV 1402 C IV 1549		1072 2199					2274B(J)mag
0000+025 O	A	0 0 24.0 2 31 57	0 2 57.80 2 48 39.0	18.8					1.684	C IV 1549 C III 1909		1825 1901 2307					
0000+027 A	A	0 0 26.7 2 45 45	0 3 0.50 3 2 27.0	20.14					2.384	C IV 1549 C III 1909		1825 2307					
0000-398 O R		0 0 30.31 -39 48 49.6	0 3 3.65 -39 32 7.4	18.8					2.827*	O VI 1034 H I 1216 N V 1240 O I 1304 C II 1335 Si IV 1397 C IV 1549	2.5167 2.3985	330 331 478 535		788 535 2228 2263		911,980,1138, 1431sp	
0000-177 R MC	PKS	0 0 48.55 -17 43 56.4	0 3 22.13 -17 27 14.3	19					1.465+	C IV 1549 He II 1640 N III 1750 C III 1909 Mg II 2798		466 466		466 466 1966			
0000-022 O		0 0 48.8 -2 17 35.1	0 3 22.55 -2 0 53.1	20.8					2.20	H I 1216 C IV 1549		1387 1387					pos & B(J)mag, 2274
0000-263 O		0 0 49.5 -26 20 1	0 3 22.97 -26 3 18.8	18					4.111*	H I 1216 O I 1304 Si II 1307 Si IV 1397 O IV 1402 C IV 1549	4.1324 3.5363 3.3898	1857 1857 1874 1874		1857 2014fc,2014sp 1874 Ly alpha abs, 2059 1857,2014; 2125 Ly limit abs, 2228 1874; z=3.412; 2243 damped Ly 2263 alpha, z=3.37, 1874,2059,2243			
0000-022 O		0 0 54.1 -2 16 59.9	0 3 27.85 -2 0 17.9	20.0					2.22	C IV 1549 C III 1909		1387 1387					pos & B(J)mag, 2274
0000-427 O		0 0 54.1 -42 44 4	0 3 27.29 -42 27 21.8	20.4					1.70	H I 1216 Si IV 1397 C IV 1549 C III 1909		430 1022 430 479					
0000-426 O		0 0 56 -42 39 14	0 3 29.18 -42 22 31.8	21.1					2.11	H I 1216 C IV 1549		430 1022 430 479					
0000-001 O		0 0 56.5 -0 8 30.1	0 3 30.27 0 8 11.9	19.8					2.59	O VI 1034 H I 1216		1072 1072					2274B(J)mag
0000+016 O		0 0 57.1 1 37 35.6	0 3 30.89 1 54 17.6	19.9					(2.22)	H I 1216 O IV 1402		1072 1072					pos & B(J)mag, 2274
0001+087 O		0 1 8.73 8 42 50.7	0 3 42.61 8 59 32.7	19.3					3.241*	H I 1216 Si IV 1397 O IV 1402 C IV 1549	2.9996 2.7215 2.7206 1.4157 1.0842	1440 1874 1440 2281		1874 Ly limit abs, 2228 z=3.007,1874, 2263 2247			
0001-121 R	UT	0 1 9.1 -12 8 30	0 3 42.72 -11 51 47.9	18					1.30	C IV 1549 C III 1909		1437 1437					9.7arcmin from NGC 7813,2118
0001-019 O		0 1 17.47 -1 59 28.0	0 3 51.22 -1 42 46.0	17.7					1.36			2043 2043					2043B(J)mag
0001-424 O		0 1 17.8 -42 27 50	0 3 50.89 -42 11 7.8	19.2					2.24	H I 1216 C IV 1549		430 430 479 1022					
0001-012 O		0 1 21.8 -1 12 6.1	0 3 55.56 -0 55 24.1	21.5					2.49	H I 1216 C IV 1549		1072 1072					pos & B(J)mag, 2274

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC	(1950)		DEC	(2000)								ID	Z	VAR	R	
0001-429		0 1 23.5		0 3 56.55	18.8			1.97	H I	1216		430	1022					
O		-42 56 10		-42 39 27.8					C IV	1549			430					
													479					
0001-007		0 1 26.0		0 3 59.76	20.4			0.354	H I	4861		1072	2199				2199nem1	
O		-0 47 15.7		-0 30 33.7					O III	4959							pos & B(J)mag,	
									O III	5007							2274	
0001-009		0 1 27.2		0 4 0.96	21.3			2.34	H I	1216		1072	1072				pos & B(J)mag,	
O		-0 55 42.2		-0 39 0.2					C IV	1549							2274	
0001-013		0 1 42.4		0 4 16.15	20.7			2.25	H I	1216		1072	1072				pos & B(J)mag,	
O		-1 22 18.0		-1 5 36.0					C IV	1549							2274	
0001-011		0 1 42.7		0 4 16.46	19.9			2.01	H I	1216		1072	1072				pos & B(J)mag,	
O		-1 9 43.8		-0 53 1.8					C IV	1549							2274	
0001-424		0 1 42.8		0 4 15.78	20.5			1.20	H I	1216		430	1022					
O		-42 25 52		-42 9 9.8					C IV	1549			430					
													479					
0001-008		0 1 47.29		0 4 21.05	18.4			1.459	C IV	1549		1072	1072					
O		-0 50 46.4		-0 34 4.4					C III	1909		2043	2043					
0001-429		0 1 56.9		0 4 29.81	18.4			1.97 +	H I	1216		430	1022				479	
O		-42 55 13		-42 38 30.8					C IV	1549			430					
													479					
0002-432		0 2 1		0 4 33.88	18.9			1.84	H I	1216		430	430					
O		-43 16 30		-42 59 47.8					C IV	1549			479					
													1022					
0002-387		0 2 8.4		0 4 41.38	19.9			2.23	H I	1216		478	478			2064		
O		-38 47 41		-38 30 58.8					N V	1240								
R									C IV	1549								
0002-422		0 2 15.9		0 4 48.74	17.21	.23	.25	2.758*	O VI	1034 2.4641	330	1304				536	761,911,1431,	
O		-42 14 7		-41 57 24.8					H I	1216 2.3022		331				559	2020sp,846rnd,	
									N V	1240 2.3018		430				562	1485ubv,	
									O I	1304 2.1683		478				1208	2095imag	
									Si IV	1397 1.9886		479				1394	203 arcmin	
									C IV	1549 1.5413		535				1747	from NGC 55,	
									He II	1640 0.8366		559				2228	647 arcmin	
									C III	1909		1022				2263	from NGC 300,	
																1650;Ly alpha	abs,562	
0002-430		0 2 20.3		0 4 53.09	19.8			2.20	H I	1216		430	430					
O		-43 5 36		-42 48 53.8					C IV	1549			479					
													1022					
0002-009		0 2 22.0		0 4 55.76	20.9			2.26	H I	1216		1072	1072				2274pos	
O		-0 55 34		-0 38 52.0					C IV	1549								
0002-027		0 2 25.12		0 4 58.84	18.3			0.435				2043	2043					
O		-2 43 13.3		-2 26 31.3														
0002-008	UM 197	0 2 26.7		0 5 0.46	18			2.18	H I	1216		445	480				1072fc	
O		-0 50 31		-0 33 49.1					O I	1304			1072					
									Si IV	1397			1826					
									C IV	1549								
									He II	1640								
0002-010		0 2 29.2		0 5 2.96	20.1			2.22	H I	1216		1072	1072				2274B(J)mag	
O		-1 1 31.7		-0 44 49.8					C IV	1549								
0002-018		0 2 33.35		0 5 7.09	18.7			1.71				2043	2043				2043B(J)mag	
O		-1 49 28.4		-1 32 46.5														
0002-021		0 2 44.2		0 5 17.93	17.4			1.146				2216	2216					
O		-2 10 28		-1 53 46.1								2274	2274					
0002-008		0 2 45.9		0 5 19.66	19.0			(0.44)	Mg II	2798		1072	1072				pos & B(J)mag,	
O		-0 52 0.4		-0 35 18.5													2274	

TABLE 1—Continued

OTHER NAMES		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
0002+051	UM 18	0 2 46.3	0 5 20.18	16.21	.35	-1.11	1.900*	H I	1216	1.7444	444	480	853	974	901pol,1218uv,	
O	PG	5 7 29	5 24 10.9					Si IV	1397			2281	866	1747	1485ubv,1729,	
R	PHL 650							O IV	1402					2228	2005ir,	
								C IV	1549					2263	2174varnd,	
								C III	1909						2251sp	
								Mg II	2798						Ly alpha abs,	
															974	
0002-426		0 2 51.6	0 5 24.27	20.1			0.12	H I	1216		430	479				
O		-42 39 31	-42 22 48.9									430				
0002-396		0 2 54.0	0 5 26.77	19.2			2.04	H I	1216		1431	1431				
O		-39 36 0	-39 19 17.9					N V	1240							
								C IV	1549							
0002-011		0 2 55.4	0 5 29.15	20.6			2.16	H I	1216		1072	1072			pos & B(J)mag,	
O		-1 6 44.6	-0 50 2.7					C IV	1549						2274	
0002-433		0 2 56	0 5 28.62	19.7			2.50	H I	1216		430	1022				
O		-43 23 48	-43 7 5.9					C IV	1549			430				
												479				
0003-013		0 3 8.2	0 5 41.95	20.1			2.13	H I	1216		1072	1072			pos & B(J)mag,	
O		-1 20 54.1	-1 4 12.2					C IV	1549						2274	
0003-012		0 3 8.8	0 5 42.55	20.9			2.23	H I	1216		1072	1072			pos & B(J)mag,	
O		-1 17 36.6	-1 0 54.7					C IV	1549						2274	
0003-009		0 3 9.4	0 5 43.15	20.7			1.99	H I	1216		1072	1072			pos & B(J)mag,	
O		-0 59 43.6	-0 43 1.7					C IV	1549						2274	
0003-012		0 3 11.0	0 5 44.75	20.5			1.56	C IV	1549		1072	1072			pos & B(J)mag,	
O		-1 13 49.8	-0 57 7.9					C III	1909						2274	
0003-006		0 3 12.8	0 5 46.56	19.6			1.76	C IV	1549		1072	1072			pos & B(J)mag,	
O		-0 40 57.1	-0 24 15.2					C III	1909						2274	
0003+017		0 3 13.8	0 5 47.62	16.6			0.234				2216	2216				
O		1 46 19	2 3 0.9								2274	2274				
0003-008		0 3 15.3	0 5 49.06	19.0			1.65	Si IV	1397		1072	1072			pos & B(J)mag,	
O		-0 51 18.9	-0 34 37.0					O IV	1402						2274	
								C IV	1549							
								C III	1909							
0003-429		0 3 20.8	0 5 53.33	18.3			1.83	H I	1216		430	430				
O		-42 58 52	-42 42 9.9					C IV	1549			479				
												1022				
0003-007		0 3 21.3	0 5 55.06	20.6			1.68	C IV	1549		1072	1072			pos & B(J)mag,	
O		-0 43 46.8	-0 27 4.9					C III	1909						2274	
0003+001		0 3 23.47	0 5 57.25	18.1			0.26				2043	2043			2043B(J)mag	
O		0 11 54.9	0 28 36.8													
0003+158	PHL 658	0 3 25.07	0 5 59.24	15.95*	.11	-.70	0.450+	Mg II	2798		001	002	006	128	002	
C	4C 15.01	15 53 7.4	16 9 49.2					O II	3727			005	007	775	005	
X	PKS							O III	5007		1731	212	1159			
R	VR15.00.01												247	1888		
	OB 106												248	2011		
	MC 3												290	2174		
	PG												759			
													1068			
													1142			
															1700imag,	
															749pos,	
															1222elp,1617,	
															1729,2005ir,	
															1487,2112x	
															2.0arcmin from	
															spiral gal,	
															39.2 arcmin	
															from NGC 7814,	
															1650,2118;	
															1902avg Bmag	



TABLE 1—Continued

OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
	DEC (1950)			DEC (2000)									ID	Z	VAR	R	ABS	
0003-011 O	0 3 28.4 -1 10 41.4			0 6 2.15 -0 53 59.5			19.8			1.87	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1072	1072				pos & B(J)mag, 2274
0003-428 O	0 3 39.5 -42 53 15			0 6 11.95 -42 36 32.9			19.6			1.78	H I 1216 C IV 1549		430	1022 430 479				
0003-066 PKS BL Lac R NRAO 5 PHL 2625	0 3 40.31 -6 40 17.0			0 6 13.92 -6 23 35.1			19.7				O II 3727 O III 4959 O III 5007 H I 6563		213 1984 412 1305 761					2103pol 0.347mag
0003-430 O R	0 3 47.3 -43 2 2			0 6 19.70 -42 45 20.0			18.4			1.78	H I 1216 C IV 1549		430	1022 430 479			2064	
0003-003 3CR 2 R PKS NRAO 6 OB 007 DA 5 4C 00.01 MSH 00-01 PB 5731	0 3 48.87 -0 21 6.7			0 6 22.64 -0 4 24.9			19.35*	.79	-.96	1.037	C IV 1549 C III 1909 Mg II 2798		008	002	008 128 290 462 774 789 801 1266 1527 1655 1804 1877			003ubv, 1526vlbi
0003-425 O	0 3 55.2 -42 35 5			0 6 27.59 -42 18 23.0			18.4			(0.94)	H I 1216		430	479 430				
0004-008 O	0 4 2.2 -0 50 2			0 6 35.95 -0 33 20.2			21.4			(2.24)	H I 1216 C IV 1549		1072	1072				
0004+171 UT R	0 4 13.0 17 11 34			0 6 47.27 17 28 15.7			18.5			2.898*	H I 1216 Si IV 1397 O IV 1402 C IV 1549	2.8705 2.5181 0.8068	1437 1437 2281				1874 2228 2243 2263	Ly limit abs, z=2.881,1874
0004-005 O	0 4 20.38 -0 32 16.8			0 6 54.14 -0 15 35.0			18.4			1.720	C IV 1549 C III 1909 He II 4686 O III 5007		2043	2043 2307				
0004+000 O	0 4 27.60 0 5 59.0			0 7 1.38 0 22 40.8			17.8			0.89			2043	2043				2043B(J)mag
0004+006 O	0 4 36.26 0 36 45.6			0 7 10.05 0 53 27.3			17.8			0.32			2043	2043				2043B(J)mag
0004-408 O	0 4 40 -40 50 50			0 7 12.29 -40 34 8.1			18.3			2.09	H I 1216 N V 1240 C IV 1549		478	478				846rnd,1431sp
0004-017 O	0 4 48.72 -1 47 29.2			0 7 22.44 -1 30 47.5			18.1			1.711+			2043	2043				2043BAL
0004+024 UM 202 O PB 5748	0 4 53.24 2 24 29.3			0 7 27.09 2 41 11.0			17.28	.14	-.36	0.301	H I 1216 C IV 1549		446	2043 2043				1451,1485ubv
0005+030	0 5 16.9 3 0 51			0 7 50.78 3 17 32.6			16.10			1.095	Mg II 2798 Mg II 2804		1825	2307				2307FeIIem
0005-239 PKS C PHL 6304 R	0 5 27.43 -23 56 6			0 8 0.34 -23 39 24.2			16.47	.33	-.89	1.407	C IV 1549 C III 1909 C II 2326 Mg II 2798 Ar IV 2854		011	1305 009 410		011		761,1304sp, 1320rpol, 1485ubv, 1352spvar, 1526vlbi, 1983ir, 1966rnd
0005-000 UM 203 O	0 5 33.8 -0 0 24.3			0 8 7.58 0 16 17.3			19.5			(1.49)	C IV 1549 He II 1640		446	446				pos & B(J)mag, 2274
0005-464 C16.06	0 5 43.1 -46 27 43			0 8 14.74 -46 11 1.2			17.9			1.88			2277	2277				

TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
	ID	Z	VAR	R	ABS										
0006+002 O		0 6 0.99 0 15 12.6	0 8 34.78 0 31 54.2	17.4				0.27			2043	2043			2043B(J)mag
0006-466 C16.07		0 6 6.0 -46 36 13	0 8 37.52 -46 19 31.2	17.8				1.85			2277	2277			
0006+014 PKS R PB 5765		0 6 19.41 1 26 31.7	0 8 53.24 1 43 13.2	18.34				(1.302)	C IV 1549 C III 1909		026	436		1976	
0006+025 O		0 6 23.58 2 30 53.5	0 8 57.46 2 47 35.0	18.0				2.093	H I 1216 N V 1240 C IV 1549 C III 1909		1825 2043	1825 2043			
0006+397 UT R		0 6 28.5 39 45 6	0 9 4.17 40 1 47.3	18.5				1.83	H I 1216 C IV 1549		1437	1437			
0006+022 A		0 6 41.6 2 13 14	0 9 15.47 2 29 55.5	19.11				1.515	C IV 1549 C III 1909		1825	2307			
0006+020 O		0 6 57.61 2 0 23.7	0 9 31.47 2 17 5.1	17.5				2.35	O VI 1034 Si IV 1397 C IV 1549 C III 1909		2043	2043 2307			
0007-000 O		0 7 11.76 -0 3 6.3	0 9 45.54 0 13 35.1	18.4				0.70			2043	2043			2043B(J)mag
0007+017 O		0 7 18.88 1 42 5.6	0 9 52.73 1 58 47.0	18.3				1.76			2043	2043			2043B(J)mag
0007+016 PKS R		0 7 24.81 1 41 13.7	0 9 58.66 1 57 55.0	19.60				2.948*	H I 1216 Si IVb 1400 C IV 1549 C III 1909	2.980	1997	2261			
0007-407 O		0 7 30.0 -40 44 0	0 10 1.59 -40 27 18.4	18.6				2.47	H I 1216 N V 1240 C IV 1549		1431	1431			
0007-114 X		0 7 34.3 -11 29 4	0 10 7.55 -11 12 22.6	19.6		-1.10		0.456			1314	1314			
0007-426 O		0 7 36.0 -42 39 0	0 10 7.41 -42 22 18.5	18.3				2.67	H I 1216 N V 1240 C IV 1549		1431	1431			
0007-353 O		0 7 41 -35 20 47	0 10 12.93 -35 4 5.5	18.04		.57 -1.30		2.03	H I 1216 N V 1240 C IV 1549		409	409			1485subv
0007-000 UM 208 O		0 7 42.80 -0 4 15.7	0 10 16.58 0 12 25.6	18.5				2.260	H I 1216 C IV 1549		446	2043 480			gal nearby, 1826
0007+026 O		0 7 45.70 2 36 56.4	0 10 19.60 2 53 37.7	18.4				(0.59)			2043	2043			2043B(J)mag
0007+332 4C 33.01 R B2		0 7 50.06 33 12 55.7	0 10 25.58 33 29 36.8	18.8				0.743	C III 1909 Mg II 2798		033	443		462 774 1888	831sp 9.5arcmin from NGC 29,2118
0007-017 UM 209 O PB 5777		0 7 53.77 -1 42 32.4	0 10 27.47 -1 25 51.1	18.4 *				1.536	C IV 1549 C III 1909		446	2043 446 1826	752		
0007+171 PKS R 4C 17.04 X OB 113 MC 3 GC		0 7 59.4 17 7 38	0 10 34.01 17 24 19.2	18				1.601+	C IV 1549 C III 1909		010	009		010 009 2085	1350x, 1526vlbi
0008-008 UM 210 O PB 5780		0 8 17.3 -0 48 16.4	0 10 51.04 -0 31 35.2	19.4				2.09	H I 1216 C IV 1549		446	446 1826			pos & B(J)mag, 2274
0008-000 O		0 8 21.0 -0 1 50	0 10 54.78 0 14 51.2	18.4				0.243			2274	2274			

TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V) (U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
	ID	Z	VAR	R	ABS									
0008+008		0 8 23.3 0 53 26	0 10 57.12 1 10 7.2	18.87			3.084	C IV 1549 C III 1909	3.079 3.028 2.895 2.650 2.625 2.030 1.194	1825 2307			2307	
0008-264 R	PKS	0 8 28.9 -26 29 15	0 11 1.27 -26 12 33.7	19.0			1.096			011 1305		1966	1526vlbi	
0009-016 O	UM 211 PB 5791	0 9 37.26 -1 38 50.6	0 12 10.95 -1 22 9.7	18.1			1.998	C IV 1549 C III 1909 Mg II 2798		446 480 2043 2043 2251			901pol	
0009-018 O	UM 212 PB 5793	0 9 41.17 -1 48 11.7	0 12 14.85 -1 31 30.8	18.4			1.070	C III 1909 Mg II 2798		446 673 2043 2043				
0009+023 O		0 9 45.76 2 19 53.9	0 12 19.67 2 36 34.8	18.0			2.642			2043 2043			2043B(J)mag	
0009-022 O		0 9 47.49 -2 15 38.7	0 12 21.14 -1 58 57.8	18.6			2.103			2043 2043			2043B(J)mag	
0010+017 O		0 10 1.91 1 46 45.1	0 12 35.79 2 3 25.9	18.0			0.587			2043 2043			2043B(J)mag	
0010-408 R	PKS	0 10 9.56 -40 50 10.4	0 12 40.47 -40 33 29.4	18.0			1.50	C IV 1549 C III 1909		767 767		387 767 1966		
0010+001 O		0 10 18.76 0 11 49.0	0 12 52.55 0 28 29.8	18.6			1.611			2043 2043			2043B(J)mag	
0010+015 O		0 10 21.75 1 31 9.2	0 12 55.62 1 47 50.0	18.7			0.433			2043 2043			2043B(J)mag	
0010+008 O		0 10 23.94 0 49 21.8	0 12 57.77 1 6 2.6	18.7			1.061			2043 2043			2043B(J)mag	
0010-002 O		0 10 32.37 -0 12 9.4	0 13 6.14 0 4 31.3	18.0			2.15 +	C IV 1549 C III 1909		2043 2043 1826 2307			2043BAL	
0010+008		0 10 53.2 0 50 3	0 13 27.03 1 6 43.7	19.67			3.076	O VI 1034 H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909		1825 2307				
0010+005 O		0 10 53.6 0 35 49	0 13 27.42 0 52 29.7	17.8			0.363			2216 2216 2274 2274				
0011+004 O		0 11 26.64 0 26 14.2	0 14 0.45 0 42 54.7	18.7			1.704			2043 2043			2043B(J)mag	
0011-024 O		0 11 43.89 -2 27 25.9	0 14 17.51 -2 10 45.4	18.2			1.220			2043 2043			2043B(J)mag	
0012-467	C17.05	0 12 3.2 -46 47 34	0 14 32.87 -46 30 53.4	18.2			2.22			2277 2277				
0012-002 O	UM 221	0 12 10 -0 16 24	0 14 43.76 0 0 16.3	17			1.55	C IV 1549 C III 1909		446 2130 2307				
0012+006 O	UM 222 PB 5816	0 12 17.8 0 40 16	0 14 51.63 0 56 56.3	18.4 *			1.46	C IV 1549		446 480 2043 2043		752		
0012-011 O		0 12 30.64 -1 11 19.6	0 15 4.34 -0 54 39.3	18.2			0.647			2043 2043			2043B(J)mag	
0012-004 O		0 12 33.24 -0 24 41.7	0 15 6.99 -0 8 1.5	18.6			1.701			2043 2043			2043B(J)mag	
0012+020 O		0 12 36.79 2 2 10.4	0 15 10.72 2 18 50.6	18.7			1.683			2043 2043			2043B(J)mag	

TABLE 1—Continued

OTHER NAMES		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC	(1950)	DEC	(2000)							ID	Z	VAR	R	
0013-396 O		0 13 12.0 -39 40 0	0 15 42.30 -39 23 19.7	18.9					0.98	Mg II 2798		1431 1431				
0013-401 O		0 13 24.5 -40 7 43	0 15 54.69 -39 51 2.8	18					1.60	C IV 1549 C III 1909		478 478				846rnd
0013-004 O	UM 224 PB 5829	0 13 28.66 -0 29 5.5	0 16 2.41 -0 12 25.5	17					2.086*	H I 1216 2.0290 Si IV 1397 1.9917 O IV 1402 1.9758 C IV 1549 1.9675 1.7536 1.7137 1.5617 0.4470	446 1872 2043 480 2043 2281			1872 2251sp, 1873 2174varnd 2228 5.33 arcmin 2263 from NGC 60, 2118		
0013-030 O		0 13 28.77 -3 0 11.5	0 16 2.33 -2 43 31.5	18.7					1.249			2043 2043				2043B(J)mag
0013+010 O		0 13 32.64 1 3 24.2	0 16 6.50 1 20 4.2	17.2					1.641			2043 2043				2043B(J)mag
0013+016 O		0 13 33.20 1 38 28.0	0 16 7.11 1 55 8.0	18.5					1.665			2043 2043				2043B(J)mag
0013-005 R	PKS	0 13 37.25 -0 31 53.2	0 16 10.99 -0 15 13.2	20.8					1.574	C IV 1549 C III 1909 Mg II 2798		132 1861 440 1997		1861		498pos
0014+813 R	S5	0 14 4.10 81 18 28.4	0 17 8.10 81 35 7.8	16.5					3.387*	H I 1216 3.3203 N V 1240 3.2265 Si IV 1397 2.8795 O IV 1402 2.8002 C IV 1549 2.4933 C III 1909 2.4288 1.1109	1079 1685 1811 1079 1872 1874 2281			937 1079 1448 1360 2162 1872 1873 Ly limit abs, 1874 z=2.813,1685, 2039 1874; Ly alpha 2228 forest,2229. 2263		
0014+013 O		0 14 8.9 1 22 47	0 16 42.79 1 39 26.8	18.7					0.291			2274 2274				
0014-043 O	UM 661 PHL 767	0 14 11.0 -4 20 51	0 16 44.44 -4 4 11.2						1.96 +	H I 1216 N V 1240 C IV 1549		1025 1025				1208BAL
0014+166 C	PG	0 14 16.0 16 41 57.0	0 16 51.14 16 58 36.7	16.23					0.100			1260				1987ext called star- burst gal in 1788; faint gals near,2118
0014-392 O		0 14 40.3 -39 13 5	0 17 10.31 -38 56 25.1	18.8					2.34 +	H I 1216 N V 1240 C IV 1549		478 478		478		846rnd,478BAL
0014-029 O		0 14 47.65 -2 56 0.3	0 17 21.19 -2 39 20.7	18.7					1.862			2043 2043				2043B(J)mag
0015+160 O		0 15 9.9 16 3 13	0 17 45.06 16 19 52.4	19.9					2.20	H I 1216 C IV 1549		1439 1439				
0015+013 O		0 15 11.96 1 19 40.4	0 17 45.85 1 36 19.9	18.3					0.236			2043 2043				2043B(J)mag
0015+026 O		0 15 37.40 2 39 59.3	0 18 11.41 2 56 38.6	18.7					2.469			2043 2043				2043B(J)mag
0015+010 O		0 15 48.18 1 2 21.6	0 18 22.05 1 19 0.9	17.2					0.16			2043 2043				2043B(J)mag
0015+155 O		0 15 54.8 15 35 48	0 18 29.98 15 52 27.2	20.6					2.30	H I 1216 C IV 1549		1439 1439				
0015+162 X		0 15 56.7 16 12 47	0 18 31.94 16 29 26.1	18.2					0.553	Mg II 2798 H I 4340 H I 4861		1274 1104 1314				1.0arcmin from anon gal,0.541 xgal,2118
0016-357 O		0 16 10 -35 46 0	0 18 40.14 -35 29 20.6	19.1					3.199	H I 1216 N V 1240 C IV 1549		1247 1247				



TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
										ID	Z	VAR	R	ABS
0016+010 O		0 16 16.43 1 5 10.6	0 18 50.31 1 21 49.7	18.7			0.319			2043	2043			2043B(J)mag
0016-179 O	UM 662	0 16 37.1 -17 57 38	0 19 9.20 -17 40 58.9	18.5			2.19	H I 1216 N V 1240 C IV 1549		1025	1025			
0016-257 X	1H	0 16 38 -25 47 30	0 19 9.27 -25 30 50.8	16			0.13			2268	2269			
0016+007 O		0 16 45.48 0 45 12.3	0 19 19.33 1 1 51.3	18.6			2.309			2043	2043			2043B(J)mag
0016+731 R	S5	0 16 54.20 73 10 51.5	0 19 45.79 73 27 30.0	18.0			1.781	C IV 1549 C III 1909 Mg II 2798		1443 1540 1552 1793 1667 1793 1811			1266 1543 1793	996,1280, 1862vlbi, 1766rvar, 1811pos,1789, 1855mm, 2103pol
0017+257 R	4C 25.01 B2	0 17 3.45 25 46 13.6	0 19 39.82 26 2 52.3	15.4			0.284	Mg II 2798 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007 H I 6563			443		462 774 1111 1171 1531	1617,2021lr, 1700,1884imag 10 arcsec from anon gal,2118
0017+009 O		0 17 23.97 0 55 13.6	0 19 57.84 1 11 52.3	18.7			1.134			2043	2043			2043B(J)mag
0017-397 O		0 17 43.7 -39 42 40	0 20 12.91 -39 26 1.1	18.4			1.94	H I 1216 N V 1240 C IV 1549		478	478			846rnd
0017+154 C X R MC 3 PKS NRAO 19	3CR 9 4C 15.02 PHL 2871 OB 129 MC 3 PKS NRAO 19	0 17 49.83 15 24 16.5	0 20 25.15 15 40 55.0	18.21	.23	-.74	2.018*	H I 1216 1.9382 C IV 1549 1.8733 H $\alpha$ II 1640 1.6261 O III 1663 1.3643 C III 1909		014 012 013 015 1749 2281		128 327 462 1749 775 2049 787 2228 916 2263 917 1023 1167 1778 1804 1891 2013		005,014, 063ubv, 1201pol,696, 912,1107x, 1617lr,287, 324,335, 2049sp,245fc, 1513elp, 2266imag 1795rpol jet, 11 arcsec from anon gal,0.254 xgal,2118
0017+021 O		0 17 51.10 2 9 45.7	0 20 25.10 2 26 24.3	17.5			0.401			2043	2043			2043B(J)mag
0017-425 O		0 17 54.7 -42 31 12	0 20 23.38 -42 14 33.2	18.6			1.55	C IV 1549 C III 1909		478	478			846rnd
0017+022 O		0 17 59.23 2 12 13.0	0 20 33.23 2 28 51.5	18.5			0.256			2043	2043			2043B(J)mag
0018-000 O		0 18 23.04 -0 4 51.5	0 20 56.82 0 11 46.9	18.1			1.115			2043	2043			2043B(J)mag
0018-422 O		0 18 24.4 -42 12 21	0 20 53.01 -41 55 42.4	18.6			2.86	H I 1216 N V 1240 C IV 1549		478	478			846rnd
0018+006 O	UM 228	0 18 27.20 0 36 8.8	0 21 1.05 0 52 47.2	17.0			0.10			2043	2043			2043B(J)mag
0018-388 O		0 18 48.4 -38 48 34	0 21 17.50 -38 31 55.6	19			2.29	C IV 1549		478	478			846rnd
0018-028 O		0 18 52.3 -2 52 20	0 21 25.79 -2 35 41.8	18.4			0.618			2216 2216 2274 2274				2216neml
0018-023 O		0 18 53.81 -2 20 12.3	0 21 27.36 -2 3 34.1	17.4			2.596			2043	2043			2043B(J)mag

TABLE 1—*Continued*

OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
									ID	Z	VAR	R	ABS
0018+007 PC O	0 18 54.05 0 47 40.9	0 21 27.92 1 4 19.1	18.12			1.820*	C IV 1549 C III 1909 Mg II 2798	1.577 1.328	1517 1517 2043 2043				1517 2228 2263
0018+004 O	0 18 59.46 0 26 21.8	0 21 33.29 0 42 60.0	18.2			1.246			2043 2043				2043B(J)mag
0019+003 A O	0 19 7.22 0 22 2.6	0 21 41.04 0 38 40.7	18.6			0.314			2043 2043				2043B(J)mag
0019+003 B O	0 19 12.56 0 22 20.9	0 21 46.38 0 38 59.0	18.1			0.661			2043 2043				2043B(J)mag
0019-017 A O	0 19 18.08 -1 45 12.7	0 21 51.68 -1 28 34.7	18.1			1.588			2043 2043				2043B(J)mag
0019-017 B O UM 230	0 19 31.32 -1 45 25.7	0 22 4.92 -1 28 47.7	18.1			1.040			2043 2043				2043B(J)mag
0019-396 O	0 19 34.5 -39 40 32	0 22 3.27 -39 23 53.8	19.8			2.28	H I 1216 N V 1240 C IV 1549		478 478				846rnd
0019-000 O	0 19 36.18 -0 0 9.4	0 22 9.97 0 16 28.5	18.3			0.575			2043 2043				2043B(J)mag
0019-392 O	0 19 41.2 -39 15 59	0 22 10.02 -38 59 20.9	19.6			2.20	H I 1216 N V 1240 C IV 1549 He II 1640		478 478				846rnd
0019+011 UM 232 O PB 5901 X	0 19 53.58 1 7 33.9	0 22 27.49 1 24 11.7	17.8			2.127*	H I 1216 N V 1240 C IV 1549 C III 1909 Mg II 2798	2.1017	446 1479 2043 480 725 2043 2199				480 901,1202pol, 725 1213rnd,1182x, 1512 1208,1514, 1711 2040BAL, 2040 2251sp 2228 z(abs) 2.039- 2263 1.984,1512
0019+058 PKS BL Lac R	0 19 54.3 5 52 31	0 22 28.72 6 9 8.8	19.2						1418				010fc,2112x, 2259imag
0020-369 O	0 20 7 -36 57 0	0 22 36.12 -36 40 22.1	19.2			2.005	H I 1216 N V 1240 C IV 1549 C III 1909		1247 1247				
0020-020 O	0 20 10.73 -2 2 29.2	0 22 44.29 -1 45 51.5	18.4			0.691			2043 2043				2043B(J)mag
0020-030 O	0 20 21.67 -3 0 57.4	0 22 55.12 -2 44 19.8	17.3			0.580			2043 2043				2043B(J)mag
0020-019 UM 233 O	0 20 28.76 -1 54 54.2	0 23 2.33 -1 38 16.6	18.3			1.460			2043 2043				2043B(J)mag
0020+009 UM 234 O	0 20 29.27 0 58 55.0	0 23 3.16 1 15 32.5	18.0			0.727			2043 2043				2043B(J)mag
0020+003 O	0 20 37.25 0 18 39.0	0 23 11.07 0 35 16.5	18.6			0.423			2043 2043				2043B(J)mag
0020+022 O	0 20 50.85 2 17 20.0	0 23 24.89 2 33 57.4	18.6			1.798			2043 2043				2043B(J)mag
0020-408 O	0 20 51.4 -40 50 53	0 23 19.64 -40 34 15.4	18.8			2.63	H I 1216 N V 1240 C IV 1549		478 478				846rnd
0021-185 UM 663 O	0 21 6.8 -18 32 30	0 23 38.40 -18 15 52.6	17.9			2.00 +	H I 1216 N V 1240 C IV 1549		1025 1025				1025
0021+055 UM 30 O PB 5924 R	0 21 8.5 5 35 54	0 23 42.93 5 52 31.2	19.1			2.05	H I 1216 C IV 1549		444 480				853 866 2162
0021+007 O	0 21 9.10 0 46 4.7	0 23 42.97 1 2 42.0	18.4			1.633			2043 2043				2043B(J)mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES	
0021+026 O		0 21 20.08 2 41 51.4	0 23 54.18 2 58 28.6	17.9					0.495			2043	2043			2043B(J)mag	
0021+011 O	UM 236	0 21 22.42 1 6 1.2	0 23 56.33 1 22 38.4	18.5					1.175			2043	2043			2043B(J)mag	
0021-030 O		0 21 29.26 -3 1 37.6	0 24 2.70 -2 45 0.4	18.8					0.422			2043	2043			2043B(J)mag	
0021-022 O		0 21 37.37 -2 13 24.6	0 24 10.90 -1 56 47.5	18.7					2.294+			2043	2043			2043BAL, 2043B(J)mag	
0021-010 O		0 21 37.99 -1 0 25.5	0 24 11.66 -0 43 48.4	18.2					0.764			2043	2043			2043B(J)mag	
0021-017 O		0 21 43.90 -1 47 12.7	0 24 17.48 -1 30 35.7	18.6					1.356			2043	2043			2043B(J)mag gal near,2118	
0022+018 O	UM 237	0 22 1.37 1 50 10.3	0 24 35.37 2 6 47.2	18					2.77			446 2043	446 2043				
0022-013 O		0 22 8.76 -1 20 23.4	0 24 42.39 -1 3 46.5	18.6					1.091			2043	2043			2043B(J)mag	
0022+002 O		0 22 10.30 0 15 43.3	0 24 44.12 0 32 20.1	16.9					0.404			2043	2043			2043B(J)mag	
0022+025 O		0 22 24.3 2 31 33	0 24 58.39 2 48 9.7	18.8					1.490			2216 2274	2216 2274				
0022-016 O		0 22 50.44 -1 40 23.6	0 25 24.02 -1 23 47.1	18.3					0.776			2043	2043			2043B(J)mag	
0023+001 O		0 23 3.50 0 10 46.7	0 25 37.31 0 27 23.1	18.6					1.902			2043	2043			2043B(J)mag	
0023-005 O		0 23 6.47 -0 32 8.4	0 25 40.19 -0 15 32.0	18.5					1.354			2043	2043			2043B(J)mag	
0023-418 O		0 23 34.8 -41 50 16	0 26 2.14 -41 33 39.6	19.3 *					2.22	H I 1216 N V 1240 C IV 1549		478	478	478		846rnd	
0023+009 O		0 23 46.96 0 58 40.6	0 26 20.87 1 15 16.7	18.7					0.274			2043	2043			2043B(J)mag	
0023+024 O		0 23 47.89 2 28 5.0	0 26 21.99 2 44 41.1	18.4					0.236			2043	2043			2043B(J)mag	
0023+168 O	PC	0 23 50.2 16 53 1	0 26 26.21 17 9 37.0	19.83					0.959	Mg II 2798		1517	1517				
0024+033 O	UM 35	0 24 27.9 3 23 2	0 27 2.13 3 39 37.7	17					(2.42)	H I 1216 C IV 1549		444	444			853rnd	
0024+224 C R	NAB	0 24 38.44 22 25 22.7	0 27 15.35 22 41 58.2	16.57	.33	-.69			1.108*	C IV 1549 He II 1640 C III 1909 Mg II 2798	1.109	016 009 2251	016 009 2251		850 921 1873 1165 2228 1586 2263	560 921,992ir, 921phot, 1028mm	705,1202pol, 921,992ir, 921phot, 1028mm
0024+003 O		0 24 43.57 0 20 46.6	0 27 17.40 0 37 22.2	18.0					1.228			2043	2043			2043B(J)mag	
0024+046 O	UM 36	0 24 50.9 4 37 54	0 27 25.30 4 54 29.5	18.4 *					2.06	C III 1909 Mg II 2798		444	853 480	752		853rnd	
0025-018 O	UM 245 PB 5963	0 25 0.27 -1 51 28.4	0 27 33.81 -1 34 52.9	18					2.08			446 2043	2043			4.0arcmin from NGC 120,2118	
0025+018 O		0 25 11.62 1 52 7.4	0 27 45.66 2 8 42.8	18.5					0.860			2043	2043			2043B(J)mag	
0025+001 O		0 25 18.64 0 9 39.7	0 27 52.45 0 26 15.0	18.5					0.205			2043	2043			2043B(J)mag	
0025-018 O		0 25 53.87 -1 50 41.9	0 28 27.40 -1 34 6.9	18.7					0.939			2043	2043			2043B(J)mag	

TABLE 1—Continued

OTHER NAMES		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
0025-006 O		0 25 57.27 -0 40 38.1	0 28 30.97 -0 24 3.1	18.6					0.17			2043	2043			2043B(J)mag
0026+019 O		0 26 10.25 1 58 46.5	0 28 44.32 2 15 21.4	18.2					1.894			2043	2043			2043B(J)mag
0026-000 O		0 26 22.17 -0 2 35.9	0 28 55.95 0 13 58.9	18.3					1.604			2043	2043			2043B(J)mag
0026+205 R		0 26 28.34 20 35 1.4	0 29 5.17 20 51 36.0	19.5					1.985	H I 1216 Si IV 1397 C IV 1549		476	476			
0026+129 C X R	PG MC 3	0 26 38.07 12 59 29.6	0 29 13.73 13 16 4.2	15.41	.29	-.78	0.142	O II 3727 H I 4340 H I 4861 O III 4959 O III 5007				017	017	850 921 1165 1340 2011		017,1451ubv, 705,1202pol, 1028,1382mm, 1214elp, 853rnd,594, 595,956, 1117sp,780, 799,921,992, 1319,1617, 1729,1963, 2005ir,696, 912,1183,1487, 1781,2112x, 921,1018phot, 1420, 2100FeIIem, 1820mf, 1536ext,1941, 2061uv, 1942uvvar 5.6 arcmin from spiral gal,0.0058zgal 1650,2118, faint gals near,2118; em line var, 1763
0026-016 O		0 26 51.67 -1 36 34.7	0 29 25.23 -1 20 0.2	18.3					0.322			2043	2043			2043B(J)mag
0026-392 O		0 26 52.1 -39 15 49	0 29 19.23 -38 59 14.2	19.2					1.95	H I 1216 N V 1240 C IV 1549		478	478			846rnd
0027+018 O	UM 247 PB 5994	0 27 18.05 1 49 30.2	0 29 52.11 2 6 4.5	18.9					2.333	H I 1216 C IV 1549 He II 1640 C III 1909		446 2043	646 480 2043 2251			5.0arcmin from NGC 132,2118
0027-022 O		0 27 27.7 -2 14 18	0 30 1.16 -1 57 43.8	18.8					1.588			2216 2274	2216 2274			z in 2274 differs(1.579)
0027+002 O	UM 248	0 27 31.3 0 12 13.5	0 30 5.12 0 28 47.7	19.4					(1.97)	H I 1216 C IV 1549		446	446			pos & B(J)mag, 2274
0027-289 O	QSO 2	0 27 32 -28 58 54	0 30 1.16 -28 42 19.7	19.36					1.6	C III 1909 Mg II 2798		1774	1774			34arcsec SW of QSO1,26arcsec, 45arcsec from anon gals,2118 1774uv excess
0027+010 O		0 27 34.20 1 3 36.8	0 30 8.15 1 20 10.9	18.6					2.310+			2043	2043			2043B(J)mag Ly alpha abs
0027-289 O R	QSO 1	0 27 35.1 -28 59 2	0 30 4.25 -28 42 27.7	17.1					0.28	O II 3727 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		1742	1742	2300		1774,1909imag, 1742Jmag IRAS source, 1742; gals nearby, 1774,2118; 11 arcsec & 23 arcsec from anon gals,2118



TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V) (U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS	NOTES
0027+009 O	UM 249	0 27 40.00 0 57 29.7	0 30 13.93 1 14 3.8	18.6		1.46	C IV 1549		446 480 2043 2043	
0027+052 O	UM 42	0 27 47.3 5 14 18	0 30 21.87 5 30 52.0	18.4 *		2.26	H I 1216 C IV 1549		444 480 752	853rnd
0027-186 O	UM 664	0 27 51.2 -18 36 42	0 30 22.14 -18 20 7.9	18.2		2.55 +	H I 1216 N V 1240 C IV 1549		1025 1025	1025,1208BAL
0027-426 R	PKS	0 27 51.58 -42 41 20.5	0 30 17.59 -42 24 46.3	19.0		1.66	C IV 1549 C III 1909		031 1302 387 1966	
0028-015 O	UM 250	0 28 2.60 -1 31 17.6	0 30 36.16 -1 14 43.7	17.6		0.67	Mg II 2798		446 1025 2043 2043	1042pos
0028+026 O		0 28 11.06 2 36 54.1	0 30 45.24 2 53 27.9	17.9		2.007			2043 2043	2043B(J)mag
0028-018 O	UM 251	0 28 25.85 -1 48 23.4	0 30 59.37 -1 31 49.7	18		2.12	H I 1216 C IV 1549		446 446 2043 2043	
0028-010 O		0 28 27.23 -1 1 5.4	0 31 0.87 -0 44 31.7	18.4		0.543			2043 2043	2043B(J)mag
0028+004 O		0 28 27.50 0 26 55.6	0 31 1.36 0 43 29.2	18.5		0.963			2043 2043	2043B(J)mag
0028-130 R	UT	0 28 29.4 -13 5 23	0 31 1.18 -12 48 49.3	18.0		0.51	Mg II 2798 Ne V 3426 H I 4340		1437 1437	
0028+002 O	UM 252	0 28 57.67 0 17 46.1	0 31 31.51 0 34 19.5	18		1.732	Si IV 1397 O IV 1402 C IV 1549 C III 1909		446 1020 2043 446 2043	
0029+002 O	UM 253	0 29 1.76 0 17 46.7	0 31 35.60 0 34 20.0	18		2.222*	H I 1216 2.0251 N V 1240 2.0082 Si IV 1397 1.9984 O IV 1402 1.7334 C IV 1549 1.2667 C III 1909 Mg II 2798	446 1020 2043 446 2274 2043 2274	184 1208BAL, 1020 1479sp 1510 62 arcsec from 2228 UM 252,1020 2263	
0029-414 R	PKS	0 29 1.9 -41 24 47	0 31 27.95 -41 8 13.4	17.82	.57 -.67	0.896*	C III 1909 Mg II 2798 O III 3133 Ne V 3426	0.781	103 493 387 493 1966 761 2228 1617ir 2263	761,1304sp, 1485ubv, 1617ir
0029-018 O		0 29 2.99 -1 52 55.7	0 31 36.49 -1 36 22.4	18.7		2.383			2043 2043	2043B(J)mag
0029-121 O	UM 665 PB 8312	0 29 10.8 -12 9 19	0 31 42.69 -11 52 45.7	18.0		2.65	H I 1216 N V 1240 C IV 1549		1025 1025	
0029+073 O		0 29 43.35 7 22 0.8	0 32 18.31 7 38 33.7	18.4		3.262*	O VI 1034 3.1970 H I 1216 2.9038 N V 1240 2.8734 Si IV 1397 2.7982 O IV 1402 2.6499 C IV 1549 2.4376 1.4035 1.1760	1440 1874 1440 2281	1440 1440BAL 1874 Ly limit abs, 2228 z=3.059,1874, 2263 2125;	
0030+034 O	UM 45 PB 6024	0 30 31.0 3 24 51	0 33 5.34 3 41 23.4	18.4		1.99	H I 1216 C IV 1549		444 480	853rnd,1617ir
0031+035 O R	UM 46	0 31 2.8 3 34 28	0 33 37.18 3 51 0.1	19		2.31	H I 1216 C IV 1549		444 480 853 866 2162	
0031-077 X		0 31 12.6 -7 42 26	0 33 45.12 -7 25 53.9	18.5	-.40	0.388			1314 1314	1209imag, 1209ubv
0031-076 X	PB 8357	0 31 40.8 -7 38 14	0 34 13.31 -7 21 42.2	17.9	-.10	0.291			1265 1265	1265ubv,1209, 1630imag, 1314x,1033ir

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0031-707 R X	MC 4	0 31 58.5 -70 42 26.4	0 34 5.07 -70 25 54.4	15.5			0.363			1651					
0032-073 X	PB 8364	0 32 8.8 -7 22 50	0 34 41.34 -7 6 18.5	18.0		.10	0.752	Mg II 2798		1314 1314					1033ir
0032-086 C	NGC 157 BSO 1	0 32 14 -8 40 18	0 34 46.31 -8 23 46.6	19			0.756			540					29 arcmin from NGC 157, 1.98 arcmin from anon gal, 2118
0032-014 O	UM 259	0 32 18.3 -1 27 57	0 34 51.84 -1 11 25.7	17			(1.85)	Si IV 1397 N IV 1488 C IV 1549		446 446					
0032-413 O		0 32 21 -41 20 58	0 34 46.23 -41 4 26.4	18.9			1.54			478 478					846rnd
0032+423 R	4C 42.01 5C3.20 OB 453 OA 29	0 32 23.33 42 21 49.3	0 35 6.08 42 38 20.3	18.3			1.588+	C IV 1549 He II 1640 O III 1663 C III 1909 Mg II 2798		018 018			1818 1891	018 1818pos	
0032-424 O		0 32 57.7 -42 29 29	0 35 22.42 -42 12 57.8	18.9			2.34	H I 1216 N V 1240 C IV 1549		478 478					846rnd
0033+156 R	MC 3	0 33 19.11 15 36 47.1	0 35 55.72 15 53 17.7	18			1.16	C IV 1549 He II 1640 C III 1909 Mg II 2798		1111 019			1111		
0033+183 R	3CR 14	0 33 29.30 18 21 28.4	0 36 6.45 18 37 58.8	20			1.469	C III 1909 C II 2326 Ne IV 2424 Mg II 2798		064 1296 400 424			1295 1804 2013	1617ir 1795, 1796rpol jet,	
0033+079 R	4C 08.04 OB 056 PB 6060	0 33 40.96 7 58 34.0	0 36 16.18 8 15 4.4	18.5			1.578	C IV 1549 C III 1909		078 009			1818 1891	1818pos	
0033+098 R	4C 09.01 OB 057	0 33 48.26 9 51 28.9	0 36 23.83 10 7 59.2	17.5			1.909	H I 1216 Si IV 1397 C IV 1549 C III 1909 Mg II 2798		009 009 2251			1297		
0034-331 O		0 34 12.0 -33 8 0	0 36 39.09 -32 51 29.7	17.8			2.18	H I 1216 N V 1240 C IV 1549		1431 1431					
0034+024 O	UM 52	0 34 27.8 2 27 37	0 37 2.04 2 44 6.9	18 *			(2.27)	H I 1216 C IV 1549		444 444 752					853rnd 8.28 arcmin from NGC 164, 2118
0034+393 R	5C3.44	0 34 54.4 39 21 42	0 37 36.85 39 38 11.3	17.95*	.23	-.78	(1.937)	Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909		021 020 806 805					021, 022ubv, 1513elp
0035+238 R	PKS CTD 5 VR23.00.03 OB 258	0 35 19.2 23 50 41	0 37 57.70 24 7 10.2	19			2.27			686 023			023 086	1526vlbi	
0035-422 O		0 35 45.3 -42 13 55	0 38 9.38 -41 57 25.7	18.7			2.62	H I 1216 N V 1240 C IV 1549		1431 1431					
0035-252 R	PKS	0 35 45.96 -25 15 31.2	0 38 14.69 -24 59 2.0	17.5			1.196	C IV 1549 He II 1640 C III 1909		762 1251			1251 1966		

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0035-002	UM 261	0 35 50.1	0 38 23.84	18			(1.67)	C IV 1549		446 446					
	O PB 6070	-0 16 53	-0 0 24.0					He II 1640							
								C III 1909							
0036-392	PKS	0 36 2.3	0 38 27.28	16.29	.73	-.53	0.596	Mg II 2798		025 2151			387		761,1304,
	R	-39 16 13	-38 59 43.9					Ne V 3426		024			1966		2151sp,886ir,
								O II 3727							1485subv,
								NeIII 3869							1526vlbi
								NeIII 3968							
								H I 4102							
								H I 4340							
0036-404	MD6:1	0 36 33.40	0 38 57.87	20.4			2.50	H I 1216		1948 1948					1948phot mag
	O	-40 28 12.9	-40 11 44.2					N V 1240							
0036-355		0 36 36.0	0 39 1.96	19.2			1.86	H I 1216		1431 1431					
	O	-35 35 0	-35 18 31.3					N V 1240							
								C IV 1549							
0036-398	MD6:2	0 36 38.67	0 39 3.30	17.7			0.45	Mg II 2798		1948 1948					1948phot mag
	O	-39 53 59.9	-39 37 31.2												
0036-389	MD6:3	0 36 49.68	0 39 14.57	20.2			2.26	H I 1216		1948 1948					1948phot mag
	O	-38 57 14.0	-38 40 45.5					O IV 1402							
0036-428	MD6:4	0 36 56.87	0 39 20.41	20.0			1.59	C IV 1549		1948 1948					1948phot mag
	O	-42 52 34.2	-42 36 5.7					C III 1909							
0037-018	UM 264	0 37 44.8	0 40 18.22	18			2.34	H I 1216		446 1550					1488x
	O	-1 53 50	-1 37 22.4							446					
	X														
0037-019	1E	0 37 44.9	0 40 18.31	17.73			0.296	He 3970		1233 1233					
	X	-1 57 27.2	-1 40 59.6					H I 4102							
								H I 4340							
								H I 4861							
0037-396	MD6:5	0 37 46.73	0 40 11.17	19.4			1.44	C IV 1549		1431 1431					z in 1948
	O	-39 39 41.0	-39 23 13.2					C III 1909		1948					differs (2.10)
0037-418	MD6:6	0 37 47.11	0 40 10.81	18.3			1.27	C IV 1549		1948 1948					1948phot mag
	O	-41 48 54.3	-41 32 26.5					C III 1909							
0038+327	1E	0 38 1.1	0 40 42.24	18.06			0.197	H I 4861		1233 1233					11.93 arcmin
	X	32 42 1.8	32 58 28.9												from 3C 19,
															2118
0038-012	UM 265	0 38 7.8	0 40 41.36	18			(2.13)	H I 1216		446 446					
	O	-1 12 3	-0 55 35.7					C IV 1549							
0038-384	MD6:7	0 38 14.53	0 40 39.25	19.6			2.01	H I 1216		1948 1948					1948phot mag
	O	-38 28 43.9	-38 12 16.4					C IV 1549							
0038-399	MD6:8	0 38 15.76	0 40 40.00	19.9			1.21	C IV 1549		1948 1948					1948phot mag
	O	-39 54 59.0	-39 38 31.5												
0038-398	MD6:9	0 38 16.57	0 40 40.81	18.8			2.31	H I 1216		1431 1431					1.47 arcmin
	O	-39 53 30.9	-39 37 3.4					N V 1240		1948 1948					from QSO
								C IV 1549							003815.76
															-395459.0,
															1948
0038-372	MD6:10	0 38 19.72	0 40 44.81	20.6			2.50	H I 1216		1948 1948					1948phot mag
	O	-37 15 49.9	-36 59 22.5												
0038-396	MD6:11	0 38 22.49	0 40 46.81	18.0			2.37	H I 1216		1431 1431					
	O	-39 36 44.0	-39 20 16.6					N V 1240		1948 1948					
								C IV 1549							
0038-020	PKS	0 38 23.8	0 40 57.19	18.5			1.178	C IV 1549		026 026			789		1195,1686,
	R PB 6091	-2 2 54	-1 46 26.9					C III 1909		436					1980x,
	X							Mg II 2798							1526vlbi
															7.17 arcmin
															from UGC 0439,
															29.73 arcmin
															from NGC 227,
															2118

TABLE 1—Continued

	OTHER NAMES	RA (1950)	RA (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
0038-406 O		0 38 25.6 -40 41 42	0 40 49.53 -40 25 14.7	19.1			2.96	+ H I N V C IV	1216 1240 1549	1431	1431			1431	
0038-396 O	MD6:12	0 38 30.43 -39 37 44.1	0 40 54.71 -39 21 16.8	20.3			2.22	H I C IV	1216 1549	1948	1948				1948phot mag 1.86 arcmin from 003822.49 -393644.0,1948
0038+328 X	1E	0 38 44.9 32 51 22.3	0 41 26.22 33 7 48.9	18.52			0.225	H I H I	4861 6563	1233	1233				
0038-401 O	MD6:13	0 38 46.02 -40 6 52.6	0 41 10.07 -39 50 25.5	19.7			1.94	H I C IV	1216 1549	1948	1948				1948phot mag
0038-019 R X X UM 266 1E PB 6098	PKS 4C 02.04 OB 065 UM 266 1E PB 6098	0 38 52.62 -1 59 42.7 -1 43 16.0	0 41 26.01 -1 43 16.0	16.86			1.674*	H I Si IV C IV He II O III C III Mg II	1216 1397 1549 1640 1663 1909 2798	1.1577 293 1233 044 436 446 480 1233 2281	2174 789 866 2263 1818 1891	2049 1201pol, 1320rpol,1195, 1233,1488, 1686x,1818pos, 446fc 1.2arcmin from UGC 0439,0.017 xgal,14.4vgal, 1696,2118, v=18.5, 2049 z=1.672			
0039-362 O		0 39 2 -36 12 0	0 41 27.27 -35 55 33.1	19.0			1.474	C IV C III	1549 1909	1247	1247				
0039-425 O	MD6:14	0 39 3.06 -42 30 46.4	0 41 26.18 -42 14 19.5	19.9			2.21	H I C IV	1216 1549	1948	1948				1948phot mag
0039-395 O	MD6:15	0 39 20.55 -39 30 52.2	0 41 44.67 -39 14 25.6	18.6			1.64	O IV C IV C III	1402 1549 1909	1948	1948				1948phot mag
0039-397 O	MD6:16	0 39 22.60 -39 47 59.1	0 41 46.61 -39 31 32.5	18.6			1.46	C IV C III	1549 1909	1948	1948				1948phot mag
0039-386 O	MD6:17	0 39 26.15 -38 36 35.9	0 41 50.56 -38 20 9.3	19.8			1.74	H I C III	1216 1909	1948	1948				1948phot mag
0039+568 R	OB 565	0 39 27.42 56 52 10.2	0 42 19.45 57 8 36.1	18			1.141	C III Mg II Ne V O II NeIII	1909 2798 3426 3727 3869	027					
0039-400 O		0 39 34.0 -40 4 20	0 41 57.87 -39 47 53.5	19.2			(2.91)+	H I N V	1216 1240	1431	1431			1431	
0039-396 O	MD6:18	0 39 35.89 -39 38 12.8	0 41 59.91 -39 21 46.4	18.4			1.87	H I O IV	1216 1402	1948	1948				1948phot mag
0039-265 O	MD1:1	0 39 36.33 -26 30 31.3	0 42 4.23 -26 14 4.9	17.5			1.803	H I C IV He II	1216 1549 1640	1650 1948	1650 1948				93 arcmin from NGC 253, 1650,2118
0039-283 O	MD1:2	0 39 41.15 -28 22 50.5	0 42 8.55 -28 6 24.2	19.9			1.90	H I C IV	1216 1549	1948	1948				1948phot mag
0039-031 O	UM 666 PB 8484	0 39 42.8 -3 10 23	0 42 15.94 -2 53 56.9	18.5			2.74	H I N V C IV	1216 1240 1549	1025	1025				
0039-403 O	MD6:19	0 39 43.64 -40 21 59.8	0 42 7.37 -40 5 33.4	18.9			1.93	H I	1216	1948	1948				1948phot mag
0039-274 O		0 39 50.0 -27 27 29	0 42 17.62 -27 11 2.8	18.6			1.407			2274	2274				
0039-304 C	S27	0 39 53.09 -30 27 33.8	0 42 19.89 -30 11 7.6	19.81			2.21	H I N V C IV	1216 1240 1549	2187	2187				2187m(or)
0040-279 C	S77	0 40 12.21 -27 58 26.4	0 42 39.64 -27 42 0.5	19.02			3.23	H I N V C IV	1216 1240 1549	2187	2187				2187m(or)

TABLE 1—Continued

		OTHER	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION	Z(ABS)	REFERENCES				NOTES
		NAMES	DEC (1950)		DEC (2000)						LINES		ID	Z	VAR	R	ABS
0040-397	MD6:20		0 40 13.19	0 42 37.01	19.9					2.25	H I 1216		1431 1431				
	O		-39 47 12.1	-39 30 46.1							N V 1240		1948 1948				
											C IV 1549						
0040-261	MD1:3		0 40 14.24	0 42 42.15	19.4					2.47	H I 1216		1948 1948				1948phot mag
	O		-26 6 35.1	-25 50 9.2							C IV 1549						
0040-339			0 40 18.0	0 42 43.71	19.2					2.06	H I 1216		1431 1431				
	O		-33 56 0	-33 39 34.1							N V 1240						
											C IV 1549						
0040-370			0 40 19	0 42 43.73	18.8					2.723	H I 1216		1247 1247				1431sp
	O		-37 3 0	-36 46 34.1							N V 1240						
											C IV 1549						
0040-276	MD1:4		0 40 19.51	0 42 47.01	19.7					2.43	H I 1216		1948 1948				1948phot mag
	O		-27 37 25.7	-27 20 59.9							C IV 1549						
0040-017	UM 268		0 40 21.9	0 42 55.34	18					(1.66)	C IV 1549		446 446				7.18 arcmin
	O		-1 42 2	-1 25 36.4							C III 1909						from NGC 227, 2118
0040-283	S34		0 40 33.13	0 43 0.40	18.8					2.34	H I 1216		1948 1948				1948phot mag
	O MD1:5		-28 22 12.0	-28 5 46.4							C IV 1549		2187 2187				
0040-304			0 40 33.2	0 42 59.90	18.0					0.609			2274 2274				
	O		-30 24 8	-30 7 42.4													
0040-391	MD6:21		0 40 37.79	0 43 1.72	19.2					1.88	H I 1216		1948 1948				1948phot mag
	O		-39 11 10.2	-38 54 44.6													
0040-428	MD6:22		0 40 39.47	0 43 2.03	20.2					2.07	H I 1216		1948 1948				1948phot mag
	O		-42 52 26.1	-42 36 0.5							H $\alpha$ II 1640						
0040-303	S64		0 40 40.93	0 43 7.62	19.66					3.03	H I 1216		2187 2187				2187m(or)
	C		-30 23 9.4	-30 6 43.9							N V 1240						
											C IV 1549						
0040-296	MD1:6		0 40 41.37	0 43 8.27	19.6					2.19	H I 1216		1948 1948				1948phot mag
	O		-29 37 46.1	-29 21 20.6							C IV 1549						
0040-292	MD1:7		0 40 41.51	0 43 8.50	17.7					2.087	H I 1216		1948 1948				1948phot mag
	O		-29 17 21.7	-29 0 56.2							C IV 1549		LBQS				
0040-383	MD6:23		0 40 43.52	0 43 7.73	19.8					2.16	H I 1216		1948 1948				1948phot mag
	O		-38 19 56.8	-38 3 31.2							O IV 1402						
0040-302	MD1:8		0 40 43.58	0 43 10.29	19.9					2.84	H I 1216		1948 1948				1948phot mag
	O		-30 15 45.7	-29 59 20.2							C IV 1549						
0040-302	MD1:9		0 40 44.21	0 43 10.92	20.4					2.15	H I 1216		1948 1948				1948phot mag
	O		-30 15 14.4	-29 58 48.9													0.54 arcmin from 004043.55 -301545.7,1948
0040-414	MD6:24		0 40 44.42	0 43 7.52	19.5					1.53	O IV 1402		1948 1948				1948phot mag
	O		-41 25 14.6	-41 8 49.0													
0040-384	MD6:25		0 40 44.97	0 43 9.12	20.2					2.63	H I 1216		1948 1948				1948phot mag
	O		-38 28 35.6	-38 12 10.1													
0040+005	UM 269		0 40 45.9	0 43 19.82	18					(2.00)	H I 1216		446 446				9.7arcmin from NGC 223,2118
	O		0 34 51	0 51 16.3													
0040-293			0 40 46.3	0 43 13.27	18.4					0.624			2274 2274				
	O		-29 19 40	-29 3 14.5													
0040-291	MD1:10		0 40 47.70	0 43 14.71	20.0					2.29	H I 1216		1948 1948				1948phot mag
	O		-29 10 25.5	-28 54 0.1													
0040-395	MD6:26		0 40 58.69	0 43 22.43	19.5					1.70	C IV 1549		1948 1948				1948phot mag
	O		-39 30 43.3	-39 14 17.9							C III 1909						
0041-266			0 41 0	0 43 27.68						3.045*		2.7576	2059				2059
	O		-26 36 0	-26 19 34.7								2.7413					2125
												2.3392					2228
												2.2659					2263
												0.8626					

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES		Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0041+001 R	PKS	0 41 0 0 8 30	0 43 33.83 0 24 55.1	19.28					1.127	C IV 1549 C III 1909 Mg II 2798		026 436			351 1976		
0041-403 O	MD6:27	0 41 4.66 -40 23 58.0	0 43 28.05 -40 7 32.7	18.9					2.50	+ H I 1216 N V 1240 C IV 1549		1431 1431 1948 1948				1431BAL	
0041-307 O	MD1:11	0 41 7.96 -30 45 28.7	0 43 34.46 -30 29 3.5	19.9					2.42	H I 1216 C IV 1549		1948 1948				1948phot mag	
0041-384 O	MD6:28	0 41 9.25 -38 27 3.5	0 43 33.32 -38 10 38.3	19.9					1.28	C IV 1549		1948 1948				1948phot mag	
0041-262 C	S20	0 41 10.67 -26 12 50.3	0 43 38.42 -25 56 25.2	19.56					(1.72)			2187 2187				2187m(or)	
0041-400 O	MD6:29	0 41 10.92 -40 2 49.7	0 43 34.42 -39 46 24.5	19.4					1.94	H I 1216		1948 1948				1948phot mag	
0041-303 O	MD1:12	0 41 13.06 -30 21 14.6	0 43 39.67 -30 4 49.5	19.5					2.08	H I 1216		1948 1948				1948phot mag	
0041-378 O	MD6:30	0 41 13.74 -37 50 19.0	0 43 38.00 -37 33 53.8	18.4					1.07	C III 1909		1948 1948				1948phot mag	
0041-395 R	PKS	0 41 13.87 -39 30 40.3	0 43 37.55 -39 14 15.1	20.0					1.69	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1302 1302			387		
0041-266 C		0 41 15.16 -26 38 35.2	0 43 42.79 -26 22 10.1	17.79					3.04			2186 2186 2274 2274					
0041-261 O	MD1:13	0 41 17.10 -26 8 26.8	0 43 44.86 -25 52 1.8	19.0					2.45	H I 1216		1948 1948				1948phot mag	
0041-406 O	MD6:31	0 41 18.11 -40 40 16.1	0 43 41.35 -40 23 51.0	19.8					1.63	C IV 1549 C III 1909		1948 1948				1948phot mag	
0041-309 C	S54	0 41 18.87 -30 54 4.5	0 43 45.30 -30 37 39.5	19.39					2.83	H I 1216 N V 1240 C IV 1549		2187 2187				2187m(or)	
0041-263 O	MD1:14	0 41 19.56 -26 22 45.0	0 43 47.25 -26 6 20.0	19.2					2.17	H I 1216 C IV 1549		1948 1948				1948phot mag	
0041-307 O	MD1:15	0 41 21.78 -30 47 16.5	0 43 48.24 -30 30 51.5	20.7					2.23	H I 1216 C IV 1549		1948 1948				1948phot mag 3.51 arcmin from 004107.96 -304528.7,1948	
0041-287 C		0 41 24.21 -28 44 5.6	0 43 51.24 -28 27 40.7	18.74					0.839			2186 2186 2274 2274					
0041-271 O		0 41 24.36 -27 7 53.3	0 43 51.83 -26 51 28.4	17.4					2.783	C IV 1549		1440 1440 2186					
0041-290 O		0 41 28.6 -29 4 16	0 43 55.53 -28 47 51.1	17.9					0.674			2274 2274					
0041-379 O	MD6:32	0 41 30.57 -37 56 8.6	0 43 54.74 -37 39 43.7	19.6					1.59	C IV 1549 C III 1909		1948 1948				1948phot mag	
0041-261 O	MD1:16	0 41 31.13 -26 7 40.9	0 43 58.86 -25 51 16.1	17.4			-1.10		2.501	LYB 1026 O VI 1034 H I 1216 Si IV 1397 O IV 1402 C IV 1549		1287 1287 1948 1948				58 arcmin from NGC 253,1650, 2118;3.2arcmin from QSO 004117.10 -260826.8, 1948	
0041-269 O	MD1:17	0 41 38.39 -26 58 29.0	0 44 5.87 -26 42 4.3	18.5					2.457	H I 1216 C IV 1549		1948 1948 LBQS				1948phot mag	
0041-289 O	MD1:18	0 41 40.93 -28 59 35.0	0 44 7.85 -28 43 10.3	17.9					2.134	H I 1216 C IV 1549		1948 1948				1948phot mag	



TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0041-398 O	MD6:33	0 41 42.54 -39 48 51.1	0 44 6.00 -39 32 26.3	20.3					1.92	H I 1216		1948 1948					1948phot mag
0041-293 O	MD1:19	0 41 46.63 -29 21 13.3	0 44 13.43 -29 4 48.6	19.0					2.08	H I 1216 C IV 1549		1948 1948					1948phot mag
0041-307 O	MD1:20	0 41 52.17 -30 45 47.6	0 44 18.55 -30 29 23.0	20.5					2.90	H I 1216		1948 1948					1948phot mag
0041-294 O	MD1:21	0 41 57.67 -29 26 50.7	0 44 24.41 -29 10 26.2	20.0					2.01	H I 1216 C IV 1549		1948 1948					1948phot mag
0041-290 O	MD1:22	0 41 58.03 -29 4 23.5	0 44 24.88 -28 47 59.0	19.1					1.18	C IV 1549 C III 1909		1948 1948					1948phot mag
0041+119 R	MC 2	0 41 58.52 11 54 47.5	0 44 34.97 12 11 11.7	19					0.228	O II 3727 H I 4340 H I 4861 O III 4959 O III 5007 H I 6563		1111 415		1111 1171			1884imag gals near,2118
0042-248 O		0 42 0.1 -24 50 42	0 44 28.10 -24 34 17.6	17.3	.10				0.807	C III 1909 Mg II 2798		1287 1287					59 arcmin from NGC 253, 1650
0042-387 O	MD6:34	0 42 4.01 -38 43 59.2	0 44 27.77 -38 27 34.7	18.9					1.59	C IV 1549 C III 1909		1948 1948					1948phot mag
0042-264 O		0 42 6.39 -26 27 44.7	0 44 33.95 -26 11 20.3	17.67					3.298*	H I 1216 N V 1240	3.2921 218 2059 3.2374 1482 1482 3.1466 2059 1622 2.4758 2.0298		2059 1847ir 2125 Ly limit abs 2228 2247 2263				
0042-291 O		0 42 7.5 -29 8 15	0 44 34.31 -28 51 50.6	18.4					1.250			2274 2274					
0042-266 C	S61	0 42 8.22 -26 39 24.8	0 44 35.72 -26 23 0.5	19.46					2.98	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
0042-298 O	MD1:23	0 42 12.65 -29 52 22.4	0 44 39.23 -29 35 58.1	19.3					2.06	H I 1216 C IV 1549		1948 1948					1948phot mag
0042-258 O		0 42 17.1 -25 50 37	0 44 44.80 -25 34 12.8	18.3					0.454			2274 2274					
0042-278 O	MD1:24	0 42 19.83 -27 50 51.7	0 44 46.97 -27 34 27.5	19.2					1.49	C IV 1549 C III 1909		1948 1948					1948phot mag
0042+101 R	MC 2	0 42 22.66 10 10 29.7	0 44 58.73 10 26 53.6	18					0.583	Mg II 2798 O III 3133 Ne V 3426 NeIII 3869 H I 4861 O III 4959 O III 5007		1111 019		1111			1188sp
0042-269 C	S80	0 42 24.86 -26 56 33.5	0 44 52.24 -26 40 9.4	18.29					3.33	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
0042-278 O		0 42 26.9 -27 50 21	0 44 54.02 -27 33 56.9	18.2					0.741			2274 2274					
0042-263 O	MD1:25	0 42 33.13 -26 22 6.1	0 45 0.65 -26 5 42.1	18.7					2.38	H I 1216 C IV 1549		1948 1948					1948phot mag
0042-391 O	MD6:35	0 42 35.49 -39 10 6.2	0 44 58.97 -38 53 42.2	19.4					1.34	C IV 1549 C III 1909		1431 1431 1948					z in 1948 differs (1.99)
0042-308 O		0 42 35.7 -30 53 28	0 45 1.92 -30 37 4.0	18.5					1.974			2274 2274					
0042-297 O	MD1:26	0 42 38.08 -29 44 43.1	0 45 4.63 -29 28 19.2	19.2					2.05	H I 1216 C IV 1549		1948 1948					1948phot mag
0042-295 O	MD1:27	0 42 41.97 -29 30 56.9	0 45 8.58 -29 14 33.0	17.7					2.388	H I 1216 C IV 1549		1948 1948 LBQS					1948phot mag

TABLE 1—Continued

		OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
			DEC (1950)		DEC (2000)								ID	Z	VAR	R	
0042-375 O	MD6:36		0 42 43.03 -37 34 52.2	0 45 7.06 -37 18 28.3	20.2					2.09	H I 1216		1948 1948			1948phot mag	
0042-267 C	S51		0 42 43.95 -26 42 14.7	0 45 11.35 -26 25 50.9	19.71					(2.81)	H I 1216 N V 1240 C IV 1549		2187 2187			2187m(or)	
0042-272 O	MD1:28		0 42 44.12 -27 14 55.6	0 45 11.37 -26 58 31.8	19.8					2.34	H I 1216 C IV 1549		1948 1948			1948phot mag	
0042+019 O	UM 273		0 42 45.4 1 59 7	0 45 19.64 2 15 30.6	18					(1.36)	C IV 1549 N III 1750		446 446				
0042-398 O	MD6:37		0 42 47.34 -39 53 37.8	0 45 10.51 -39 37 13.9	19.0					2.26	H I 1216 N V 1240 C IV 1549		1431 1431 1948 1948				
0042-288 O	MD1:29		0 42 48.63 -28 52 0.5	0 45 15.41 -28 35 36.7	19.3					2.05	H I 1216 C IV 1549		1948 1948			1948phot mag	
0042-386 O	MD6:38		0 42 50.60 -38 36 4.9	0 45 14.23 -38 19 41.1	18.8					1.55	C IV 1549 C III 1909		1431 1431 1948 1948				
0042-269 O	MD1:30		0 42 52.27 -26 57 14.3	0 45 19.58 -26 40 50.6	19					2.90 +	LYB 1026 O VI 1034 H I 1216		911 911 1948 765 2186 1948		911	765fc	
0042-276 C	S39		0 42 55.01 -27 39 38.6	0 45 22.12 -27 23 14.9	18.98					2.43	H I 1216 N V 1240 C IV 1549		2187 2187			2187m(or)	
0042-274 O	MD1:31		0 42 55.28 -27 29 6.2	0 45 22.43 -27 12 42.5	18.6					0.933			1948 1948 2274 2274			1948phot mag	
0042-420 O	MD6:39		0 42 58.76 -42 3 40.8	0 45 21.04 -41 47 17.1	18.3					1.62	C IV 1549 C III 1909		1948 1948			1948phot mag	
0043-296 O	S29 MD1:32		0 43 2.15 -29 37 1.5	0 45 28.67 -29 20 37.9	18.6					2.227	H I 1216 C IV 1549		1948 1948 2186 LBQS 2187			1948phot mag	
0043-265 C	S84		0 43 3.09 -26 33 33.2	0 45 30.49 -26 17 9.6	18.34					3.44	H I 1216 N V 1240 C IV 1549		2187 2187			2187m(or)	
0043-274 O	MD1:33		0 43 3.62 -27 28 22.4	0 45 30.76 -27 11 58.8	19.1					1.89	H I 1216 C IV 1549		1948 1948			1948phot mag 1.97 arcmin from 004255.28 -272906.2,1948	
0043+388 O			0 43 5.35 38 53 22.3	0 45 49.56 39 9 45.4	18.39	.47	-.79	0.189			Mg II 2798 O III 3133 Ne V 3426 O III 3444 O II 3727 NeIII 3869 H I 3889 NeIII 3968 He 3970 H I 4102 C III 4155 C II 4267 H I 4340 O III 4363 He I 4471 O III 4959 O III 5007		588 587			588ubv, 1194imag	
0043+039 C R	PG PB 6151		0 43 10.7 3 54 41	0 45 45.38 4 11 4.2	15.88					0.384	Mg II 2798		1117 1117		2011	1536ext, 1598sp,1729, 2005ir,2112x, 2145imag faint gals nearby,2118	
0043-319 O			0 43 12.0 -31 57 0	0 45 37.79 -31 40 36.5	18.3					2.17	H I 1216 N V 1240 C IV 1549		1431 1431				

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES		Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0043-305	MD1:34		0 43 15.26	0 45 41.48	19.1					2.37	H I 1216		1948 1948				1948phot mag	
	O		-30 30 47.4	-30 14 24.0							C IV 1549		2186					
0043-388	MD6:40		0 43 18.10	0 45 41.54	19.6					1.49	C IV 1549		1948 1948				1948phot mag	
	O		-38 50 40.4	-38 34 16.9														
0043-293	MD1:35		0 43 21.64	0 45 48.18	14.8					0.90	C III 1909		1948 1948				1948phot mag	
	O		-29 23 20.3	-29 6 57.0							Mg II 2798							
0043-277			0 43 22.6	0 45 49.62	18.5					1.049			2274 2274					
	O		-27 43 34	-27 27 10.7														
0043-381	MD6:41		0 43 29.63	0 45 53.30	19.3					1.67	C IV 1549		1948 1948				1948phot mag	
	O		-38 6 24.3	-37 50 1.0							C III 1909							
0043-267	CT 67		0 43 38.40	0 46 5.66	19.3					1.03	C IV 1549		1324 1436				pos & B(J)mag,	
	C		-26 44 29.9	-26 28 6.8							C III 1909		2202				2274	
0043+008	UM 275		0 43 39.5	0 46 13.48	17					2.143*	H I 1216	2.130	446 1479		1213 725		912x,901,	
	O	PHL 6612	0 48 3	1 4 25.9							C III 1909	1.944	480		2162 1512		1202pol,1208,	
	X										Mg II 2798		725		1711		1514BAL,	
	R														2263		1941uv	
																	z(abs) 2.127-	
																	2.104 and	
																	2.027-1.916,	
																	1512	
0043-259	S79		0 43 42.18	0 46 9.66	19.06					3.31	H I 1216		2187 2187				2187m(or)	
	C		-25 55 11.2	-25 38 48.2							N V 1240							
											C IV 1549							
0043-275	S85		0 43 48.13	0 46 15.13	20.7					3.46			1739 2186				z incorrectly	
	C		-27 34 14.7	-27 17 51.7									2186 2187				stated in	
													2187				1739,2186	
																	pos & B(J)mag,	
																	2274	
0043-261	S72		0 43 48.15	0 46 15.57	19.55					3.11	H I 1216		2187 2187				2187m(or)	
	C		-26 6 27.1	-25 50 4.2							N V 1240							
											C IV 1549							
0043-301	MD1:36		0 43 49.89	0 46 16.13	18.6					2.25	H I 1216		1948 1948				1948phot mag	
	O		-30 6 32.7	-29 50 9.8							C IV 1549		LBQS					
0043-307	S63		0 43 50.36	0 46 16.40	19.36					(3.02)	H I 1216		2187 2187				2187m(or)	
	C		-30 45 58.7	-30 29 35.8							N V 1240							
											C IV 1549							
0043-385	MD6:42		0 43 51.02	0 46 14.44	19.5					1.44	C IV 1549		1948 1948				1948phot mag	
	O		-38 34 4.3	-38 17 41.3														
0043-426	MD6:43		0 43 54.54	0 46 16.34	20.1					1.91	H I 1216		1948 1948				1948phot mag	
	O		-42 38 36.6	-42 22 13.6							C IV 1549							
0043-304	MD1:37		0 43 55.44	0 46 21.55	18.7					2.17	H I 1216		1948 1948				1948phot mag	
	O		-30 29 24.2	-30 13 1.3							C IV 1549							
0044-395	MD6:44		0 44 2.43	0 46 25.45	19.4					1.84	H I 1216		1948 1948				1948phot mag	
	O		-39 30 41.3	-39 14 18.5							C IV 1549							
0044-261	CT 78		0 44 10.79	0 46 38.13	18.3					0.130	H I 4340		1324 1436					
	C		-26 11 26.7	-25 55 4.1							H I 4861		2202					
											O III 5007							
											H I 6563							
0044-056	4C 05.03		0 44 12.01	0 46 44.51	19					1.869	H I 1216		078 009		1818		1320rpol,	
	R	OB 074	-5 38 23.8	-5 22 1.4							Si IV 1397				1891		1818pos	
	PKS										C IV 1549							
0044-390	MD6:45		0 44 13.60	0 46 36.76	19.6					1.58	C IV 1549		1948 1948				1948phot mag	
	O		-39 1 20.7	-38 44 58.0							C III 1909							
0044-264	MD1:38		0 44 14.41	0 46 41.66	19.2					2.48	LYB 1026		1948 1948				1948phot mag	
	O		-26 28 43.3	-26 12 20.7							H I 1216							
											C IV 1549							
0044-279	MD1:39		0 44 19.97	0 46 46.79	18.9					1.88	H I 1216		1948 1948				1948phot mag	
	O		-27 54 56.6	-27 38 34.1							C IV 1549							
											He II 1640							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0044-281 O		0 44 20.7 -28 7 53.4	0 46 47.45 -27 51 30.9	19.1			1.389	C IV 1549 C III 1909		765 1400					pos & B(J)mag, 2274
0044-298 O		0 44 22.6 -29 51 21	0 46 48.83 -29 34 58.5	18.3			0.207			2274 2274					
0044-209 X	PHL 6625	0 44 23.1 -20 59 52	0 46 51.83 -20 43 29.6	18.8	-0.20		0.380			1314 1314					4.0arcmin from NGC 247,1314, 2118
0044-419 O	MD6:46	0 44 29.04 -41 57 40.3	0 46 50.98 -41 41 17.8	20.2			2.06	H I 1216		1948 1948					1948phot mag
0044+030 R PG X	PKS 828	0 44 31.2 3 3 35	0 47 5.71 3 19 57.1	16			0.624	Mg II 2798 O II 3727 H I 4340 H I 4861		028 024 1731		351 1888 2011			704,1202pol, 761,776,958, 1117,1304sp, 958FeIIem, 1487,2112x, 1729,2005ir, 1688imag faint gals nearby,2118
0044-328 O		0 44 36.0 -32 53 0	0 47 1.24 -32 36 37.7	17.7			1.57	C IV 1549 C III 1909		1431 1431					
0044-304 O	MD1:40	0 44 42.99 -30 28 47.3	0 47 8.97 -30 12 25.1	20.4			2.87	H I 1216		1948 1948					1948phot mag
0044-273 C	S75	0 44 43.93 -27 21 3.3	0 47 10.86 -27 4 41.2	19.75			3.16	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
0044+015 O	UM 276 PHL 2969	0 44 45.6 1 31 52	0 47 19.76 1 48 13.9	18.3			1.59	C IV 1549		446 480					
0044-412 O	MD6:47	0 44 56.79 -41 14 43.1	0 47 18.90 -40 58 21.0	19.4			1.88	H I 1216		1948 1948					1948phot mag
0044-274 O	MD1:41	0 44 58.83 -27 25 41.6	0 47 25.70 -27 9 19.7	19.0			2.18	H I 1216 C IV 1549		1948 1948					1948phot mag
0045-300 O	CT 92 MD1:42	0 45 4.69 -30 2 51.7	0 47 30.75 -29 46 29.8	18.5			2.021	H I 1216 N V 1240 C II 1335 SiIVb 1400 C IV 1549 He II 1640		1324 1436 1948 1400 1948 2202					
0045-385 O	MD6:48	0 45 7.62 -38 35 22.7	0 47 30.74 -38 19 0.8	20.5			2.03	H I 1216 C IV 1549		1948 1948					1948phot mag
0045+395 BL Lac R	5C3.178	0 45 10.27 39 32 36.2	0 47 55.22 39 48 57.5	18.5	* 1.00	-0.90					806				805sp,806ubv, 2112x
0045-417 O	MD6:49	0 45 10.72 -41 44 19.0	0 47 32.57 -41 27 57.1	19.5			2.32	H I 1216 N V 1240 C IV 1549		1431 1431 1948 1948					
0045-392 O	MD6:50	0 45 11.57 -39 14 2.2	0 47 34.43 -38 57 40.4	20.5			2.02	H I 1216		1948 1948					1948phot mag
0045-307 O		0 45 14.4 -30 45 1	0 47 40.21 -30 28 39.3	17.4			0.979			2274 2274					
0045-036 O	UM 667	0 45 17.2 -3 41 32	0 47 50.13 -3 25 10.5	18.6			3.138*	H I 1216 N V 1240 C IV 1549 2.3641	2.8151 2.6417 2.4810	1025 1025 1874			1874 2228 2263	Ly limit abs, z=2.830,1874; damped Ly alpha, z=2.81, 1874,2243	
0045-262 O	MD1:43	0 45 17.92 -26 14 1.5	0 47 45.09 -25 57 39.9	19.3			2.35	H I 1216 C IV 1549		1948 1948					1948phot mag
0045-284 O	MD1:44	0 45 25.27 -28 29 23.3	0 47 51.75 -28 13 1.7	19.4			1.95	H I 1216 N V 1240		765 765 1948 1948					
0045-013 O	UM 278	0 45 32.6 -1 19 42	0 48 6.09 -1 3 20.8	18			2.53	O VI 1034 H I 1216		446 1550 446					

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0045-429	MD6:51		0 45 33.10	0 47 54.33	19.7					1.82	H I 1216 C IV 1549		1948	1948				1948phot mag
O			-42 58 29.0	-42 42 7.5														
0045-411	MD6:52		0 45 34.98	0 47 56.97	18.8					1.34	C IV 1549 C III 1909		1948	1948				1948phot mag
O			-41 10 13.8	-40 53 52.3														
0045-426	MD6:53		0 45 40.20	0 48 1.55	20.1					2.09	H I 1216		1948	1948				1948phot mag
O			-42 36 49.9	-42 20 28.5														
0045-258			0 45 40.64	0 48 7.87	19.6					2.521*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	1.99	765	1400			1400 2263	pos & B(J)mag, 2274; damped Ly alpha, z= 1.99,1400
O			-25 51 30.8	-25 35 9.5														
0045-288	MD1:45		0 45 41.03	0 48 7.36	18.9					2.252	H I 1216 N V 1240		765	1400				
O			-28 50 30.4	-28 34 9.1									1948	765 1948				
0045-305	MD1:46		0 45 41.55	0 48 7.35	20.2					1.87	H I 1216 C IV 1549		1948	1948				1948phot mag
O			-30 32 57.2	-30 16 35.9														
0045-281	MD1:47		0 45 41.62	0 48 8.18	18.5					1.138	He II 1640 C III 1909		1948	1948				1948phot mag
O			-28 6 21.3	-27 49 60.0														
0045-000	PKS		0 45 45.38	0 48 19.18	19.4					1.536	C IV 1549 C III 1909		026	436			351 1527 1818	1818pos
C	PHL 841		-0 1 24.5	0 14 56.5														
R																		
0045-261			0 45 45.4	0 48 12.54	18.0					1.242			2274	2274				
O			-26 6 27	-25 50 5.8														
0045+057	UM 70		0 45 45.6	0 48 20.76	19.2					2.16	H I 1216 N V 1240 C IV 1549		444	1025				1042pos
O			5 43 7	5 59 28.0														
0045-396	MD6:54		0 45 46.19	0 48 8.76	18.9					1.19	C III 1909		1948	1948				1948phot mag
O			-39 36 55.4	-39 20 34.1														
0045-384	MD6:55		0 45 48.67	0 48 11.69	18.0					2.23	H I 1216 C IV 1549		1431	1431				z in 1431 differs (0.40) 6.37 arcmin from NGC 264, 2118
O			-38 26 54.3	-38 10 33.0									1948	1948				
0045-260	PHL 2981		0 45 49.9	0 48 17.05	18.9					1.64	H I 1216 C IV 1549 He II 1640		765	1948				pos & B(J)mag, 2274
O	MD1:48		-26 4 8.7	-25 47 47.5									1871	765 1948				
0045-280	MD1:49		0 45 55.3	0 48 21.85	19.7					2.15	H I 1216 N V 1240		765	765 1948				pos & B(J)mag, 2274
O			-28 0 54.4	-27 44 33.3														
0045-394	MD6:56		0 45 57.49	0 48 20.08	18.7					1.53	C IV 1549 C III 1909		1948	1948				1948phot mag
O			-39 27 8.3	-39 10 47.1														
0046-282	CT 113		0 46 1.64	0 48 28.11	18.1					1.687	H I 1216 N V 1240 O IV 1402 C IV 1549 C III 1909		765	1400 1324				
O	MD1:50		-28 12 40.1	-27 56 19.1									1948	765 1324				
CS 39														1436 1948 2202				
0046-290	S07		0 46 2.45	0 48 28.65	18.76					0.84			2187	2187				2187m(or)
C			-29 4 52.9	-28 48 31.9														
0046-293	S91		0 46 3.41	0 48 29.53	21.2					4.008	O VI 1034 H I 1216 Si II 1307 Si IV 1397 O IV 1402 C IV 1549		1739	1739 2187				2014sp,2014fc pos & B(J)mag, 2274
C			-29 19 43.0	-29 3 22.0														
0046-417	MD6:57		0 46 3.91	0 48 25.54	18.9					1.29	C IV 1549		1948	1948				1948phot mag
O			-41 43 31.7	-41 27 10.6														
0046-355			0 46 6.0	0 48 30.05	18.5					2.17	H I 1216 N V 1240 C IV 1549		1431	1431				
O			-35 30 0	-35 13 39.0														

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS					NOTES
0046-384	MD6:58		0 46 8.27	0 48 31.21	19.4					2.26	H I 1216 C IV 1549		1948	1948				1948phot mag
O			-38 28 23.9	-38 12 2.9														
0046-261			0 46 9.9	0 48 36.96	18.5					0.234			2274	2274				
O			-26 11 39	-25 55 18.1														
0046-251			0 46 13.3	0 48 40.67						1.517	Si IV 1397 O IV 1402 C IV 1549 C III 1909		765	1400				
O			-25 7 54	-24 51 33.2														
0046-285	CT 120		0 46 18.01	0 48 44.33	17.6					0.632	Mg II 2798 O II 3727 H I 3889 H I 4102 H I 4340 H I 4861		1324	2202 1436				
C			-28 34 0.9	-28 17 40.1														
0046-262	MD1:51		0 46 21.41	0 48 48.42	18.7					1.41	C IV 1549 C III 1909		1948	1948				1948phot mag
O			-26 16 41.2	-26 0 20.5														
0046-267	S86		0 46 21.76	0 48 48.64	19.74					3.52	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
C			-26 43 25.0	-26 27 4.3														
0046+188			0 46 22	0 49 0.52	19					1.701	H I 1216 C IV 1549 He II 1640 C III 1909		476	476				
R			18 51 59	19 8 19.3														
0046-067	OB 078		0 46 26.05	0 48 58.22	18					2.063	H I 1216 N V 1240 C IV 1549 C III 1909		321	321 458		321 1818 1891		1818pos
C	PHL 2989		-6 44 49.9	-6 28 29.4														
R	PKS																	
	4C 06.04																	
0046+154	PHL 847		0 46 34.42	0 49 12.04	17.9		-0.10	-0.30	1.243		C IV 1549 C III 1909 Mg II 2798			030				029ubv,459pos, 853rnd
C			15 24 4.5	15 40 24.7														
0046-427	MD6:59		0 46 35.12	0 48 56.19	19.7					2.15	H I 1216 He II 1640		1948	1948				1948phot mag
O			-42 42 36.8	-42 26 16.2														
0046-391	MD6:60		0 46 40.59	0 49 3.16	19.1					1.95	H I 1216 N V 1240 C IV 1549		1431	1431				
O			-39 6 16.6	-38 49 56.1									1948	1948				
0046-283	MD1:52		0 46 41.34	0 49 7.67	20.0					2.30	H I 1216 N V 1240		765	765				pos & B(J)mag, 2274
O			-28 21 2.4	-28 4 42.0									1948	1948				
0046-293	MD1:53		0 46 45.01	0 49 11.01	20.4					2.18	H I 1216 N V 1240 C IV 1549		765	765				pos & B(J)mag, 2274
O			-29 22 34.0	-29 6 13.6									1948	1948				
0046-401	MD6:61		0 46 45.83	0 49 7.95	19.9					2.00	H I 1216 He II 1640		1948	1948				1948phot mag
O			-40 8 44.3	-39 52 23.9														
0046-292			0 46 50.7	0 49 16.73	18.0					0.781			2274	2274				
O			-29 14 40	-28 58 19.7														
0046-267	MD1:54		0 46 51.65	0 49 18.44	19.6					2.54	H I 1216 N V 1240		765	765				pos & B(J)mag, 2274
O			-26 45 54.7	-26 29 34.5									1948	1948				
0046-306	MD1:55		0 46 52.15	0 49 17.71	19.8					1.99	H I 1216 C IV 1549		1948	1948				1948phot mag
O			-30 40 13.9	-30 23 53.6														
0046+112	PHL 850		0 46 55.49	0 49 32.06	17.1		-0.10	-0.40	0.275		Mg II 2798 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007			030				029ubv,459pos, 853rnd,1617ir
C			11 12 6.3	11 28 26.2														
0046-315	PKS		0 46 57.9	0 49 23.16	17.70*		.19	-.28	2.721*		H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909	1.3134	025	024	024	384	945 954 1747 2228 2263	761,954, 1304sp,780ir, 1485ubv, 1966rnd
R			-31 32 48	-31 16 27.8														



TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0046-282 C	S90	0 46 58.05 -28 15 22.2	0 49 24.37 -27 59 2.0	19.22					3.83	H I 1216 N V 1240 C IV 1549		2187	2187			2187m(or)
0047-286 C	S62	0 47 0.61 -28 39 51.7	0 49 26.79 -28 23 31.6	19.39					2.99	H I 1216 N V 1240 C IV 1549		2187	2187			2187m(or)
0047-263 O		0 47 3.3 -26 21 26.7	0 49 30.19 -26 5 6.6	20.2					2.29	H I 1216 N V 1240		765	765			pos & B(J)mag, 2274
0047-293 O	MD1:56	0 47 6.21 -29 22 53.2	0 49 32.15 -29 6 33.2	19.3					2.406	H I 1216 N V 1240 C IV 1549		765 1948 2186	1400 1948			pos & B(J)mag, 2274
0047-309 O		0 47 8.9 -30 59 51	0 49 34.31 -30 43 31.0	18.0					0.559			2274	2274			
0047-832 R	PKS	0 47 10.8 -83 13 10	0 47 51.21 -82 56 49.1	17.53*	.70	-.47	1.112		C III 1909 C II 2326 Mg II 2798			495	493 1485 1966	493		761,1304sp, 886,1617ir, 1485ubv
0047-309 O	S36 MD1:57	0 47 12.73 -30 56 12.5	0 49 38.15 -30 39 52.5	19.2					2.36	H I 1216 C IV 1549		1948 2187	1948 2187			1948phot mag
0047-268 C	S74	0 47 14.06 -26 49 19.3	0 49 40.78 -26 32 59.4	19.67					3.16	H I 1216 N V 1240 C IV 1549		2187	2187			2187m(or)
0047-293 O	MD1:58	0 47 15.11 -29 21 30.3	0 49 41.03 -29 5 10.4	19.4					2.140	H I 1216 N V 1240		765 1948	1400 765 1948			2.37 arcmin from QSO 004706.21 -292251.5, 1948 pos & B(J)mag, 2274
0047-304 O	MD1:59	0 47 35.68 -30 27 18.6	0 50 1.19 -30 10 59.0	20.6					2.21	H I 1216		1948	1948			1948phot mag
0047-394 O	MD6:62	0 47 48.12 -39 26 41.8	0 50 10.29 -39 10 22.3	19					2.53	H I 1216 N V 1240 C IV 1549		478 1948	478 1948			846rnd,1431sp
0047-579 R	PKS	0 47 48.34 -57 54 48.3	0 49 59.67 -57 38 28.7	18.5					1.797+	Si IV 1397 C IV 1549 He II 1640 O III 1663 C III 1909		031	024 1266 1966		024	761,1304sp, 1526vlbi, 1898pos, 2103pol
0047-279 O	MD1:60	0 47 49.68 -27 59 34.7	0 50 15.95 -27 43 15.3	18.52		-.94	2.143		H I 1216 N V 1240 Si II 1307 Si IV 1397 C IV 1549			766 1203 1948	1400 765 1948			765fc,1203ubv
0047-304 O	MD1:61	0 47 51.77 -30 29 19.3	0 50 17.23 -30 12 59.9	20.1					2.27	H I 1216 C IV 1549		1948	1948			1948phot mag
0047-253 O		0 47 52.1 -25 22 32	0 50 19.17 -25 6 12.7	18.7					1.184			2274	2274			
0047-267 C	CT 136 U7	0 47 54.31 -26 47 54.1	0 50 20.94 -26 31 34.8	18.79		-.83	0.496		Mg II 2798 H I 4861			1324	2202 1436			1203ubv
0047-308 C		0 47 54.75 -30 50 40.3	0 50 20.08 -30 34 21.0	18.24					2.973	H I 1216 N V 1240 C IV 1549		2186 2274	2186 2274			
0047+013 O	PC	0 47 55.3 1 21 52	0 50 29.44 1 38 11.1	19.7					3.059			1698	1698			1698rmag
0047-256 O	MD1:62	0 47 57.89 -25 38 53.7	0 50 24.87 -25 22 34.5	18.2					1.969	H I 1216 C IV 1549		1948	1948 LBQS			1948phot mag
0047-307 C	S76	0 47 58.98 -30 43 7.7	0 50 24.34 -30 26 48.5	19.08					3.18	H I 1216 N V 1240 C IV 1549		2187	2187			2187m(or)

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0048-411	MD6:63		0 48 0.34	0 50 21.73	19.9					2.23	H I 1216		1948	1948			1948phot mag
	O		-41 9 29.9	-40 53 10.6							C IV 1549						
0048-309	S30		0 48 2.28	0 50 27.55	19.1					2.24	H I 1216		1948	1948			1948phot mag
	O MD1:63		-30 56 31.8	-30 40 12.6							C IV 1549		2187	2187			
0048-264	S53		0 48 4.12	0 50 30.85	19.45					2.82			2187	2187			2187m(or)
	C		-26 24 5.6	-26 7 46.5													
0048-422	MD6:64		0 48 5.77	0 50 26.64	19.4					1.57	C IV 1549		1948	1948			1948phot mag
	O		-42 17 4.7	-42 0 45.5							C III 1909						
0048-351			0 48 6.0	0 50 29.80	18.8					2.63	H I 1216		1431	1431			
	O		-35 6 0	-34 49 40.8							N V 1240						
											C IV 1549						
0048-283	SGP6:23		0 48 8.1	0 50 34.22	20.41				-0.54 (1.322)		C III 1909		2058	2058			2058Bmag, 2058ubv
	C		-28 18 45	-28 2 25.9													
0048-097	PKS		0 48 9.98	0 50 41.32	16.27*	.37	-0.66						149	759	837		648,1485ubv,
BL Lac R	OB 081		-9 45 23.8	-9 29 4.9									1871	875	1074		323,1541,1626,
	X PHL 856													1068	1200		1988,2046,
														1902	1266		2062,2103pol,
															1367		781,886,1305,
															1399		1399ir,1057,
															1441		1307,2112x,
															1557		1164,1913mf,
															1961		1013phot,044,
															1966		493,605,761sp,
																	936,1483rvar,
																	1789mm
																	1902avg ph mag
0048-275			0 48 12.18	0 50 38.53	19.48					1.39			2187	2187			2187m(or)
	C		-27 34 42.8	-27 18 23.8													
0048-259	S05		0 48 14.10	0 50 40.95	18.36					0.78			2187	2187			2187m(or)
	C		-25 57 43.0	-25 41 24.0													
0048-274	MD1:64		0 48 15.58	0 50 41.95	20.1					2.43	H I 1216		1948	1948			1948phot mag
	O		-27 28 41.8	-27 12 22.8							C IV 1549						
0048-298	MD1:65		0 48 16.27	0 50 41.86	19.2					2.028	H I 1216		765	1400			pos & B(J)mag,
	O		-29 52 35.6	-29 36 16.6							N V 1240		1948	766			2274
											C IV 1549			1948			
0048-027			0 48 16.4	0 50 49.51	17.6					0.987			2216	2216			
	O		-2 46 45	-2 30 26.2									2274	2274			
0048-015			0 48 18.1	0 50 51.51	17.2					0.763			2216	2216			2216uvem
	O		-1 33 56	-1 17 37.3									2274	2274			
0048-379	MD6:65		0 48 18.53	0 50 41.18	20.5					1.86	H I 1216		1948	1948			1948phot mag
	O		-37 57 28.9	-37 41 9.9													
0048-396	MD6:66		0 48 19.73	0 50 41.68	17.8	-0.30				0.478			1650	1650			117 arcmin
	O		-39 40 35.9	-39 24 16.9									1948				from NGC 300, 1650 z in 1948 differs (1.69)
0048-394	MD6:67		0 48 19.95	0 50 42.00	19.7					1.49	C IV 1549		1948	1948			1948phot mag
	O		-39 25 5.2	-39 8 46.2							C III 1909						
0048-388	MD6:68		0 48 20.95	0 50 43.23	19.6					2.64	H I 1216		1948	1948			1948phot mag
	O		-38 51 8.8	-38 34 49.8							O IV 1402						
0048-282	SGP6:22		0 48 22.0	0 50 48.10	20.89				-0.65	1.593	C III 1909		2058	2058			2058Bmag, 2058ubv
	C		-28 16 33	-28 0 14.1													
0048-279			0 48 22.7	0 50 48.89	19.9					0.87	C III 1909		765	765		765	pos & B(J)mag,
	O		-27 59 40.5	-27 43 21.6							Mg II 2798						2274
	R																
0048-290			0 48 24.2	0 50 50.05	18.3					0.783			2274	2274			
	O		-29 1 46	-28 45 27.2													

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0048-293 C	SGP2:39		0 48 26.42 -29 18 14.3	0 50 52.17 -29 1 55.5	19.13			-1.01	0.428	Mg II 2798 H I 4861			1878 1878 2058 2058 2186				1878Bmag
0048-275 O			0 48 26.5 -27 34 27.6	0 50 52.81 -27 18 8.8	19.8				1.87	H I 1216 N V 1240 C IV 1549			765 765				pos & B(J)mag, 2274
0048-293 C	SGP2:34		0 48 28.3 -29 21 14.9	0 50 54.03 -29 4 56.1	19.7			-.64	(1.602)	C IV 1549			1878 1878 2058 2058				1878Bmag pos & B(J)mag, 2274
0048-013 O	UM 281 PHL 857		0 48 29 -1 19 2	0 51 2.47 -1 2 43.4	17.9				1.87	C IV 1549 N III 1750 C III 1909			446 480				
0048-254 O	MD1:66		0 48 30.48 -25 26 30.2	0 50 57.45 -25 10 11.5	20.0				2.11	H I 1216 C IV 1549			1948 1948				1948phot mag
0048-293 C	SGP2:30		0 48 30.5 -29 22 34	0 50 56.22 -29 6 15.3	20.27			-.41	(1.766)	C IV 1549 C III 1909			2058 2058				2058Bmag, 2058ubv
0048-267 O			0 48 31.5 -26 45 34.9	0 50 58.06 -26 29 16.2	19.9				3.17	H I 1216 N V 1240			765 765				pos & B(J)mag, 2274
0048-413 O	MD6:69		0 48 33.88 -41 20 59.5	0 50 55.05 -41 4 40.7	18.9				1.91	H I 1216 He II 1640			1948 1948				1948phot mag
0048-298 O	MD1:67		0 48 35.21 -29 49 46.7	0 51 0.77 -29 33 28.0	19.2				2.439	H I 1216 N V 1240 C IV 1549			766 1400 1948 765 1948				765fc
0048-257 O			0 48 35.4 -25 45 8	0 51 2.26 -25 28 49.4	18.2				2.082				2274 2274				
0048-071 R	PKS		0 48 36.4 -7 6 15	0 51 8.41 -6 49 56.5	19.5				1.974	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909			011 1304 1305		1976		761sp 5.63 arcmin from NGC 273, 2118
0048-261 O	MD1:68		0 48 42.5 -26 8 36.4	0 51 9.22 -25 52 17.9	19.0		-.10		2.249	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549			1287 1287 1948 1948				46.5 arcmin from NGC 253, 1287,2118; pos & B(J)mag,2274
0048-280 O	CT 147 PHL 3029 MD1:69 CS 65		0 48 47.02 -28 4 18.7	0 51 13.12 -27 48 0.2	17.6				0.844	C III 1909 C II 2326 Mg II 2798			765 2202 1871 765 1948 1324 1400 1436				1324fc z in 1948 differs
0048+004 O			0 48 47.3 0 29 4	0 51 21.22 0 45 22.3	18.6				0.727				2216 2216 2274 2274				2216neml
0048-408 O	MD6:70		0 48 47.58 -40 49 8.2	0 51 8.93 -40 32 49.6	20.0				2.01	H I 1216 C IV 1549 He II 1640			1948 1948				1948phot mag
0048-293 C	SGP2:36		0 48 48.6 -29 21 38.5	0 51 14.28 -29 5 20.0	20.83			-1.16	1.756	C IV 1549 C III 1909			1878 1878 2058 2058				1878Bmag
0048-269 O			0 48 48.6 -26 59 18.2	0 51 15.04 -26 42 59.8	20.3				3.26	H I 1216 N V 1240			765 765				pos & B(J)mag, 2274
0048-264 O	MD1:70		0 48 49.02 -26 26 43.6	0 51 15.63 -26 10 25.2	19.5				1.86	H I 1216 C IV 1549			1948 1948				1948phot mag
0048-427 R	PKS MD6:71		0 48 49.06 -42 42 51.8	0 51 9.55 -42 26 33.2	18.8				1.749*	O IV 1402 C IV 1549 He II 1640 Mg II 2798	1.6727 1.483	1302 1861 1861 1861 2263					
0048-269 O	MD1:71 S33		0 48 51.97 -26 56 25.6	0 51 18.42 -26 40 7.2	20.1				2.36	H I 1216 N V 1240 C IV 1549			765 765 1948 1948 2187 2187				2187m(or)

TABLE 1—Continued

		OTHER	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION		Z(ABS)	REFERENCES				NOTES
		NAMES	DEC (1950)			DEC (2000)							LINES			ID	Z	VAR	R	ABS
0048-291	SGP2:01		0 48 52.1	0 51 17.84	19.93					-0.68	2.375	H I 1216				765 1878				1878Bmag
	O		-29 7 20.6	-28 51 2.2								N V 1240				1878 2058				
	C											Si IV 1397				2058				
												C IV 1549								
0048-271	MD1:72		0 48 52.30	0 51 18.68	19.9						1.79	H I 1216				1948 1948				1948phot mag
	O		-27 9 3.9	-26 52 45.5								C IV 1549								
0048-360			0 48 54.0	0 51 17.28	19.0						2.25	H I 1216				1431 1431				
	O		-36 3 0	-35 46 41.6								N V 1240								
												C IV 1549								
0048-297	MD1:73		0 48 54.93	0 51 20.46	18.9						2.210	H I 1216				766 1400				765fc
	O		-29 44 47.6	-29 28 29.2								N V 1240				1948 765				
												C IV 1549				1948				
0048+004			0 48 56.5	0 51 30.41	18.2						1.188					2216 2216				
	O		0 25 32	0 41 50.1												2274 2274				
0049-297	S60		0 49 0.63	0 51 26.16	19.06						(2.96)	H I 1216				2187 2187				2187m(or)
	C		-29 42 35.0	-29 26 16.7								N V 1240								
												C IV 1549								
0049-283	MD1:74		0 49 1.11	0 51 27.09	18.1						-0.39	2.249*	O VI 1034 2.08			765 1400				1400 Lyx abs 765;
	O	SGP6:20	-28 20 53.0	-28 4 34.7								H I 1216 1.90				1948 765				2263 damped Ly
												C IV 1549				2058 1948				alpha, z=2.08,
																2058				z=1.90, 1400
0049-384	MD6:72		0 49 1.54	0 51 23.82	19.4						2.51	H I 1216				1431 1431				
	O		-38 29 48.4	-38 13 30.1								N V 1240				1948 1948				
												C IV 1549								
0049-013			0 49 1.8	0 51 35.25	17.8						1.560					2216 2216				
	O		-1 23 28	-1 7 10.0												2274 2274				
0049-010			0 49 4.7	0 51 38.23	18.9						2.096					2274 2274				
	O		-1 4 28	-0 48 10.0																
0049-402	MD6:73		0 49 6.75	0 51 28.26	18.9						2.18	H I 1216				478 478				846rnd, 1431sp
	O		-40 15 45.4	-39 59 27.1								N V 1240				1948 1948				
0049-374	MD6:74		0 49 10.61	0 51 33.26	20.2						2.20	H I 1216				1948 1948				1948phot mag
	O		-37 29 26.5	-37 13 8.3								C IV 1549								
0049-387	MD6:75		0 49 10.69	0 51 32.81	18.2						1.51	C IV 1549				1948 1948				1948phot mag
	O		-38 47 32.8	-38 31 14.6								C III 1909								
0049-377	MD6:76		0 49 12.19	0 51 34.72	19.0						1.53	C IV 1549				1431 1431				
	O		-37 46 11.3	-37 29 53.1								C III 1909				1948 1948				
0049-296	CT 151		0 49 12.72	0 51 38.23	17.60						0.306	Mg II 2798				1324 1436				
	C		-29 39 31.5	-29 23 13.4								H I 4861				2202				
												O III 4959								
0049-384	MD6:77		0 49 14.29	0 51 36.55	19.0						1.39	C IV 1549				1948 1948				1948phot mag
	O		-38 25 37.9	-38 9 19.8																
0049-380	MD6:78		0 49 16.56	0 51 38.95	20.0						1.62	C IV 1549				1948 1948				1948phot mag
	O		-38 4 59.6	-37 48 41.5																
0049-281	SGP6:27		0 49 21.0	0 51 47.00	19.70						-1.04	1.148	C III 1909			2058 2058				2058Bmag,
	C		-28 7 48	-27 51 30.1																2058ubv
0049-285	SGP6:08		0 49 21.68	0 51 47.54	19.13						-0.32	1.391+	C III 1909			2058 2058				2058Bmag,
	C		-28 32 4.3	-28 15 46.4												2186				2058ubv,
																				2058BAL
0049-002	UM 284		0 49 23.6	0 51 57.35	18 *						(1.39)	C IV 1549				446 446 752				
	O	PHL 3041	-0 12 22	0 3 55.7								C III 1909								
0049-295	SGP2:20		0 49 27.5	0 51 53.02	19.45						-0.58	0.601	Mg II 2798			1878 1878				1878Bmag
	C		-29 31 18.0	-29 15 0.2								Ne V 3426				2058 2058				
												O II 3727								
												H I 4102								
0049-282	SGP6:18		0 49 27.6	0 51 53.55	20.11						-1.05	1.145	C III 1909			2058 2058				2058Bmag,
	C		-28 12 36	-27 56 18.2																2058ubv

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0049+007	UM 287	0 49 28.4	0 52 2.40	17.8			2.268	H I 1216		446 480					
	O PHL 868	0 45 13	1 1 30.6					C IV 1549		2251					
								C III 1909							
0049-272	MD1:75	0 49 29.33	0 51 55.60	18.4	-1.10		2.484	LYB 1026		765 1287					88.67 arcmin
	O	-27 14 1.1	-26 57 43.3					O VI 1034		1948 1948					from NGC 253,
								H I 1216		2186					1287, 2118
								N V 1240							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0049-290	MD1:76	0 49 29.80	0 51 55.48	18.8			2.22	H I 1216		765 765					
	O	-29 0 39.8	-28 44 22.0					N V 1240		1948 1948					
0049-374	MD6:79	0 49 29.88	0 51 52.49	19.2			2.84	H I 1216		1948 1948					1948phot mag
	O	-37 24 58.8	-37 8 40.9												
0049-261	MD1:77	0 49 30.11	0 51 56.73	20.0			2.06	H I 1216		765 765					pos & B(J)mag,
	O	-26 6 50.3	-25 50 32.5					N V 1240		1948 1948					2274
0049-393	MD6:80	0 49 30.61	0 51 52.41	18			2.836*	O VI 1034	2.792	330 761				478	761, 911, 954,
	O	-39 22 43.3	-39 6 25.4					H I 1216	2.75	1948 331				911	1304, 1431sp,
								N V 1240		478				954	846, 1966rnd
								O I 1304		535				1208	Ly limit abs,
								Si IV 1397		1948				1304	z=2.78, 911
								C IV 1549						2263	
								He II 1640							
0049-293	SGP2:06	0 49 31.4	0 51 56.98	20.18		-1.39	1.631	C IV 1549		1878 1878					1878Bmag
	C	-29 18 56.6	-29 2 38.8					C III 1909		2058 2058					
0049-268	MD1:78	0 49 32.60	0 51 58.97	19.0			1.40	C IV 1549		1948 1948					1948phot mag
	O	-26 53 42.3	-26 37 24.6					C III 1909							
0049-355		0 49 34.0	0 51 57.33	18.4			(1.48)+	C IV 1549		1431 1431				1431	
	O	-35 33 0	-35 16 42.2					C III 1909							
0049-291	SGP2:13	0 49 37.9	0 52 3.52	20.31		-1.01	0.578	Mg II 2798		1878 1878					1878Bmag
	C	-29 8 37.8	-28 52 20.1					Ar IV 2854		2058 2058					
								Ar IV 2869							
0049-291	SGP2:18	0 49 41.5	0 52 7.12	20.41		-1.02	(0.466)	Mg II 2798		1878 1878					1878Bmag
	C	-29 6 34.0	-28 50 16.4					H I 4102		2058 2058					
0049-280	SGP6:14	0 49 41.6	0 52 7.56	20.89		-1.04	1.702	C IV 1549		2058 2058					2058Bmag,
	C	-28 5 15	-27 48 57.4					C III 1909							2058ubv
0049-295	SGP2:25	0 49 42.1	0 52 7.56	20.76		-.63	1.868	C IV 1549		1878 1878					1878Bmag
	C	-29 34 8.3	-29 17 50.7							2058 2058					
0049-286	SGP6:01	0 49 42.33	0 52 8.09	18.88		-.21	0.640	Mg II 2798		2058 2058					2058Bmag,
	C S02	-28 40 26.4	-28 24 8.8							2186 2186					2058ubv
										2187 2187					z=0.66, 2187
0049-255		0 49 44.3	0 52 11.06	18.5			1.528			2274 2274					
	O	-25 35 17	-25 18 59.5												
0049-308		0 49 44.4	0 52 9.42	18.5			0.637			2274 2274					
	O	-30 50 13	-30 33 55.4												
0049-279	SGP5:50	0 49 44.7	0 52 10.71	20.91		-.82	1.725	C IV 1549		2058 2058					2058Bmag,
	C	-27 54 59	-27 38 41.4					C III 1909							2058ubv
0049-276	CT 157	0 49 44.7	0 52 10.81	18.9			1.039	C IV 1549		1324 1436					pos & B(J)mag,
	C MD1:79	-27 36 12.5	-27 19 54.9					C III 1909		1948 1400					2274
	SGP5:24									2058 2058					
										2202					
0049-293	SGP2:48	0 49 46.2	0 52 11.72	19.77		-1.34	1.852	H I 1216		1878 1878					1878Bmag
	C	-29 21 40.4	-29 5 22.9					Si IV 1397		2058 2058					
								C IV 1549							
0049-295	SGP2:27	0 49 47.8	0 52 13.24	20.86		-.48	(1.920)	Si IV 1397		1878 1878					1878Bmag
	C	-29 35 26.6	-29 19 9.1					C IV 1549		2058 2058					
								C III 1909							
0049-278	SGP5:45	0 49 50.5	0 52 16.52	20.50		-1.24	(1.007)	C III 1909		2058 2058					2058Bmag,
	C	-27 49 24	-27 33 6.5												2058ubv

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0049-406 O	MD6:81	0 49 50.88 -40 41 20.7	0 52 12.03 -40 25 3.1	19.2			1.16	H I 1216 C IV 1549		1948 1948					1948phot mag
0049-293 C	SGP2:45	0 49 51.1 -29 20 33.8	0 52 16.62 -29 4 16.3	20.64		-0.34	0.111	O II 3727 H I 4861		1878 1878 2058 2058					1878Bmag, 2058neml
0049+000 O		0 49 51.5 0 3 50	0 52 25.32 0 20 7.2	19.5			1.324			2274 2274					
0049-008 O		0 49 51.6 -0 53 22	0 52 25.17 -0 37 4.8	18.7			1.402			2216 2216 2274 2274					2216neml
0049+003 O		0 49 52.9 0 19 22	0 52 26.79 0 35 39.2	18.7			0.400			2216 2216 2274 2274					2216uvem
0049-255 O	MD1:80	0 49 53.35 -25 35 24.2	0 52 20.09 -25 19 6.8	19.2			2.12	H I 1216 C IV 1549		1948 1948					1948phot mag
0049-277 C	SGP5:46	0 49 56.6 -27 46 20	0 52 22.62 -27 30 2.6	20.09		-0.82	0.955	Mg II 2798		2058 2058					2058Bmag, 2058ubv
0049+014 O	UM 288	0 49 59.5 1 24 24	0 52 33.67 1 40 41.1	17			2.31 *	H I 1216 C IV 1549	1.830	446 1550 446				1551 2228 2263	damped Ly alpha,2242; strong Ly alpha,z=1.828, 1551
0050-290 C	SGP2:19 MD1:81	0 50 5.89 -29 5 34.5	0 52 31.45 -28 49 17.3	18.97		-0.73	1.605	C IV 1549 C III 1909		1878 1878 1948 1948 2058 2058					1878, 2058Bmag, 2058ubv
0050-280 O	SGP6:10	0 50 5.9 -28 4 24.5	0 52 31.80 -27 48 7.3	20.25		-0.69	2.152	H I 1216 C IV 1549		765 2058 2058 765					
0050-262 O	MD1:82	0 50 6.62 -26 12 43.3	0 52 33.13 -25 56 26.1	19.7			2.27	H I 1216 C IV 1549		1948 1948					1948phot mag
0050-406 O	MD6:82	0 50 8.29 -40 41 4.2	0 52 29.37 -40 24 46.9	20.1			1.94	H I 1216		1948 1948					1948phot mag 3.31 arcmin from 004950.88 -404120.7,1948
0050-281 O	SGP6:17 CS 81	0 50 10.3 -28 7 9.6	0 52 36.18 -27 50 52.5	19.01		-0.74	1.730	H I 1216 C IV 1549 C III 1909		765 2058 2058 2202					
0050-290 C	SGP2:14	0 50 11.8 -29 3 56.4	0 52 37.35 -28 47 39.3	20.46		-1.08	1.619	C IV 1549 C III 1909		1878 1878 2058 2058					1878Bmag
0050-283 O	MD1:83	0 50 12.33 -28 18 16.8	0 52 38.14 -28 1 59.7	20.1			2.27	H I 1216 C IV 1549		1948 1948					1948phot mag
0050-291 C	SGP2:11	0 50 12.9 -29 7 30.1	0 52 38.43 -28 51 13.0	20.98		-0.93	1.976	H I 1216 C IV 1549		1878 1878 2058 2058					1878Bmag
0050-310 O	MD1:84	0 50 13.19 -31 2 9.5	0 52 38.06 -30 45 52.4	19.0			1.44	1549. 1909		1948 1948					1948phot mag
0050-253 O	MD1:85	0 50 17.93 -25 23 8.6	0 52 44.67 -25 6 51.6	15.9		.20	2.18	H I 1216 C IV 1549 He II 1640		1650 1948 1948 1650					72 arcmin from NGC 253, 1650, 2118
0050-266 O		0 50 19.1 -26 40 40	0 52 45.43 -26 24 23.0	20.1			2.22	H I 1216 N V 1240		765 765					
0050-275 C	SGP5:32	0 50 21.7 -27 30 34	0 52 47.75 -27 14 17.0	20.27		-0.40	0.233			2058 2058					2058Bmag, 2058ubv, 2058neml
0050-284 C	SGP6:36	0 50 22.1 -28 27 54	0 52 47.83 -28 11 37.0	20.53		-0.49	1.554	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
0050-005 O		0 50 23.2 -0 33 26	0 52 56.86 -0 17 9.3	18.8			1.676			2216 2216 2274 2274					2216neml
0050-282 C	SGP6:31	0 50 24.1 -28 17 39	0 52 49.88 -28 1 22.1	19.83		-0.82	1.331	C III 1909		2058 2058					2058Bmag, 2058ubv



TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0050-285	MD1:86		0 50 24.29	0 52 49.98	20.0					2.36	H I 1216 C IV 1549		1948	1948			1948phot mag
O			-28 34 21.3	-28 18 4.4													
0050-295	SGP2:40		0 50 27.5	0 52 52.85	20.91			-.37	0.396	0 II 3727			1878	1878			1878Bmag
C			-29 32 33.9	-29 16 17.0									2058	2058			
0050-305	MD1:88		0 50 27.75	0 52 52.76	19.7					2.46	H I 1216		1948	1948			1948phot mag
O			-30 30 46.8	-30 14 29.9													
0050-265	MD1:87		0 50 27.9	0 52 54.24	19.1					2.11	H I 1216 N V 1240		765	765			
O			-26 34 48	-26 18 31.2									1948	1948			
0050-291	SGP2:16		0 50 28.2	0 52 53.69	20.22			-.51	0.852	C III 1909 Mg II 2798			1878	1878			1878Bmag
C			-29 7 42.0	-28 51 25.1									2058	2058			
0050-277	SGP5:08		0 50 28.3	0 52 54.24	20.81			-.78	1.355+	C III 1909			2058	2058			2058Bmag, 2058ubv, 2058BAL
C			-27 47 29	-27 31 12.1													
0050-300	MD1:89		0 50 28.57	0 52 53.75	19.7					1.922	H I 1216 C IV 1549		1948	1400			pos & B(J)mag, 2274
O			-30 0 59.6	-29 44 42.7									1948	1948			
0050-266	CT 165		0 50 33.05	0 52 59.34	18.2					1.248	C IV 1549 C III 1909 Mg II 2798		1324	1436			
C			-26 41 28.9	-26 25 12.1										2202			
0050-428	MD6:83		0 50 35.22	0 52 55.15	20.1					2.30	H I 1216 C IV 1549		1948	1948			1948phot mag
O			-42 53 59.6	-42 37 42.7													
0050-254	MD1:90		0 50 35.65	0 53 2.34	19.7					1.85	H I 1216		1948	1948			1948phot mag
O			-25 26 31.6	-25 10 14.9													
0050-296	SGP2:46		0 50 35.8	0 53 1.10	20.37			-.97	(0.917)	Mg II 2798			1878	1878			1878Bmag
C			-29 37 2.2	-29 20 45.5									2058	2058			
0050-294	SGP2:47		0 50 36.9	0 53 2.25	18.92			-.51	0.830	Mg II 2798			1878	1878			1878Bmag
C			-29 29 13	-29 12 56.3									2058	2058			
0050-284	SGP6:32		0 50 37.21	0 53 2.92	20.40			-.64	2.475	H I 1216 C IV 1549			2058	2058			2058Bmag, 2058ubv
C			-28 25 26.2	-28 9 9.5									2186				
0050-293	SGP2:44		0 50 38.3	0 53 3.68	20.37			-1.09	1.800	C IV 1549 O III 1663 N III 1750 C III 1909			1878	1878			1878Bmag
C			-29 22 34.8	-29 6 18.1									2058	2058			
0050-264	MD1:91		0 50 39.57	0 53 5.93	19.8					2.33	H I 1216 C IV 1549		1948	1948			1948phot mag
O			-26 24 50.9	-26 8 34.2													
0050-285	SGP6:33		0 50 40.5	0 53 6.17	19.45			-.38	(0.553)	Mg II 2798			2058	2058			2058Bmag, 2058ubv
C			-28 30 23	-28 14 6.3													
0050+106	PHL 881		0 50 41.18	0 53 17.80	17.9	-.10	-.50	0.321	Mg II 2798 H I 4340 H I 4861 O III 5007					030			029ubv,853rnd, 459pos,1420sp, 1420FeIIem
C			10 37 3.6	10 53 19.9													
0050-254			0 50 41.4	0 53 8.07	17.6					1.019			2274	2274			
O			-25 27 39	-25 11 22.4													
0050+013			0 50 43.5	0 53 17.67	18.4					1.439			2216	2216			
O			1 23 43	1 39 59.4									2274	2274			
0050-257	S67		0 50 45.34	0 53 11.90	19.97			(3.07)		H I 1216 N V 1240 C IV 1549			2187	2187			2187m(or)
C			-25 46 1.9	-25 29 45.3													
0050-281	MD1:92		0 50 49.13	0 53 14.91	19.0					1.805	H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909		765	1400			
O			-28 6 29.3	-27 50 12.8									1948	765			1948
0050-403	MD6:84		0 50 50.46	0 53 11.52	20.1					2.00	H I 1216		1948	1948			1948phot mag
O			-40 20 35.2	-40 4 18.6													
0050-277	CT 170		0 50 50.85	0 53 16.76	17.9					0.481	Mg II 2798 H I 4340 H I 4861		1324	2202			
C			-27 42 5.6	-27 25 49.1										1436			

TABLE 1—Continued

		OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
			DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS			
0050-378 O	MD6:85	0 50 51.93 -37 51 49.1	0 53 14.06 -37 35 32.6	20.4			1.94	C IV	1549		1948 1948					1948phot mag		
0050-283 C	S81	0 50 52.23 -28 20 49.9	0 53 17.92 -28 4 33.4	19.64			3.36	H I N V C IV	1216 1240 1549		2187 2187					2187m(or)		
0050-287 O		0 50 55.0 -28 43 12.2	0 53 20.56 -28 26 55.8	19.1			2.48	H I N V	1216 1240		765 765					pos & B(J)mag, 2274		
0050-281 C	S45	0 50 58.94 -28 10 43.2	0 53 24.67 -27 54 26.8	19.43			2.61	H I N V C IV	1216 1240 1549		2187 2187					2187m(or)		
0051+291 R X	4C 29.01 B2	0 51 2.11 29 8 51.2	0 53 44.37 29 25 7.0	17.8 *			1.828*	H I Si IV C IV	1216 1397 1549	1.8293 1.4311 1.2704 0.8465 0.0002	033 032 1201	462 439 774 1635 1586 2228 1818 2263 1891				1201pol,831sp, 1005x, 1108absr, 1302rpol, 1513elp,203fc, 1617ir, 1818pos, 2174varnd		
0051-300 O		0 51 2.7 -30 1 55.5	0 53 27.79 -29 45 39.2	20.0			2.25	H I N V	1216 1240		765 765					pos & B(J)mag, 2274		
0051-277 C	SGP5:06	0 51 3.7 -27 45 9	0 53 29.56 -27 28 52.7	20.54		-0.80	1.178	C III	1909		2058 2058					2058Bmag, 2058ubv		
0051-267 O	S18 MD1:93	0 51 10.17 -26 47 32.4	0 53 36.34 -26 31 16.2	19.2			2.41	H I C IV	1216 1549		1948 1948 2187					1948phot mag z=1.69, 2187		
0051-293 O	MD1:94 SGP7:24	0 51 13.58 -29 19 37.9	0 53 38.88 -29 3 21.8	19.1		-1.09	1.486	C IV C III	1549 1909		1948 1948 2058 2058					2058Bmag, 2058ubv 1948phot mag		
0051-275 O	SGP5:15 CS 93	0 51 14.4 -27 33 41.5	0 53 40.30 -27 17 25.4	19.29		-0.99	1.611	H I N V SiIVb C IV C III Mg II	1216 1240 1400 1549 1909 2798		765 2202 2058 765 2058							
0051-017 O		0 51 16.55 -1 46 47	0 53 49.88 -1 30 31.1	17.7			0.406				2216 2216 2274 2274							
0051-292 C	SGP7:22	0 51 17.4 -29 16 41	0 53 42.71 -29 0 24.9	20.89		-0.96	(1.107)	C III	1909		2058 2058					2058Bmag, 2058ubv		
0051-289 O	MD1:95	0 51 17.72 -28 55 10.1	0 53 43.15 -28 38 54.0	20.3			1.94	H I N V	1216 1240		765 765 1948					z in 1948 differs; pos & B(J)mag,2274		
0051-420 O	MD6:86	0 51 21.27 -42 1 27.4	0 53 41.43 -41 45 11.3	19.7			1.35	C IV C III	1549 1909		1948 1948					1948phot mag		
0051-003 O		0 51 21.4 -0 19 25	0 53 55.12 -0 3 9.2	18.7			1.713+				2216 2216 2274 2274					2216BAL		
0051-286 O	CT 177 MD1:96 SGP3:23 CS 95 H29	0 51 21.66 -28 39 58.1	0 53 47.17 -28 23 42.1	18.65		-1.16	1.574	C IV C III	1549 1909		765 1436 1324 1878 1878 1948 1948 2058 2058 2202							
0051-400 O	MD6:87	0 51 22.05 -40 2 29.4	0 53 43.12 -39 46 13.3	19.5			2.09	H I	1216		1948 1948					1948phot mag		
0051-284 C	SGP3:05	0 51 22.96 -28 26 23.8	0 53 48.54 -28 10 7.8	20.56		-0.60	2.110	H I N V Si IV C IV	1216 1240 1397 1549		1878 1878 2058 2058 2186					1878Bmag		
0051-264 O	MD1:97 S24	0 51 25.42 -26 29 43.2	0 53 51.65 -26 13 27.3	19.8			2.13	H I N V	1216 1240		765 765 1948 1948 2187 2187							

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES		Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0051-268 O	MD1:98	0 51 26.97 -26 48 55.9	0 53 53.09 -26 32 40.0	19.3					1.96	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		765 765 1948 1948					
0051-253 O		0 51 27.0 -25 20 22	0 53 53.61 -25 4 6.1	17.5					1.444			1650 1650					87 arcmin from NGC 253,1650, 2118
0051-292 C	SGP7:27	0 51 29.1 -29 17 12	0 53 54.38 -29 0 56.1	19.85		-0.72	1.479			C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
0051-005 O		0 51 35.3 -0 35 25	0 54 8.95 -0 19 9.5	18.7					0.940			2216 2216 2274 2274					
0051-274 O	SGP5:16	0 51 38.15 -27 26 26.6	0 54 4.04 -27 10 10.9	18.90		-0.90	0.689			C III 1909		765 2058 1203 1400 2058					1203ubv Close to pec gal,1203
0051-287 O	SGP3:25 MD1:99	0 51 39.53 -28 46 47.2	0 54 4.95 -28 30 31.5	19.40		-1.33	1.338			C IV 1549 C III 1909 Mg II 2798		765 1878 1878 765 1948 1948 2058 2058					1878Bmag
0051-266 O		0 51 40.2 -26 37 17.8	0 54 6.35 -26 21 2.1	18.9					1.32	C IV 1549 C III 1909		765 765					pos & B(J)mag, 2274
0051-387 O		0 51 40.7 -38 43 51	0 54 2.28 -38 27 35.3	19.2					2.47	H I 1216 N V 1240 C IV 1549		1431 1431					
0051+022 O		0 51 41.0 2 16 39	0 54 15.41 2 32 54.4	18.4					1.272			2216 2216 2274 2274					
0051-426 O	MD6:88	0 51 42.67 -42 39 35.9	0 54 2.43 -42 23 20.2	19.1					1.46	C IV 1549 C III 1909		1431 1431 1948 1948					
0051-280 O	CS 102	0 51 43.2 -28 1 22.2	0 54 8.88 -27 45 6.6	18.90					1.508	Si IV 1397 O IV 1402 C IV 1549 C III 1909		765 765 2203 2202					pos & B(J)mag, 2274
0051-281 O	CT 186 MD1:100 CS 103 S18	0 51 46.75 -28 11 52.5	0 54 12.36 -27 55 36.9	18.97		-0.68	2.244+			H I 1216 N V 1240 Si IV 1397 C IV 1549		765 1400 1324 765 1948 1436 1948 2202			1400	1203ubv	
0051-302 C	CT 187	0 51 48.68 -30 12 13.3	0 54 13.58 -29 55 57.8	19.0					2.14	C IV 1549 C III 1909 Mg II 2798		1324 1436 2202					
0051-279 C	S93	0 51 49.84 -27 58 23.6	0 54 15.52 -27 42 8.1	20.5					4.395+	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1823 1823 2187 2187					1823BAL, 1879ir,2014sp, 2014fc
0051-274 O		0 51 50.8 -27 24 43.8	0 54 16.66 -27 8 28.3	19.5					1.88	C IV 1549		765 765					pos & B(J)mag, 2274
0051-024 O		0 51 51.3 -2 26 55	0 54 24.45 -2 10 39.7	18.6					2.526			2216 2216 2274 2274					2216nem1
0051-293 C	SGP7:20	0 51 51.4 -29 18 34	0 54 16.61 -29 2 18.5	20.22		-0.45	1.987			C IV 1549		2058 2058					2058Bmag, 2058ubv
0051-404 O	MD6:89	0 51 51.96 -40 28 6.4	0 54 12.72 -40 11 50.8	19.2					2.35	H I 1216 C IV 1549		1948 1948					1948phot mag
0051-265 O	MD1:101	0 51 52.36 -26 35 20.3	0 54 18.50 -26 19 4.8	20.5					1.37	H I 1216 N V 1240		765 765 1948 1948					z in 765 differs; pos & B(J)mag,2274
0051-283 C	SGP3:09	0 51 52.4 -28 22 28.2	0 54 17.93 -28 6 12.7	19.57		-0.51	2.133			H I 1216 C IV 1549		1878 1878 2058 2058					1878Bmag
0051-260 O		0 51 53.5 -26 5 17	0 54 19.80 -25 49 1.6	18.3					0.624			2274 2274					

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES
0051+146 C	PHL 891	0 51 57.09 14 39 14.1	0 54 34.92 14 55 29.1	17.79	-.10	-.30	0.874	C III 1909 Mg II 2798			030	029ubv,696, 912xnd,853rnd
0051-256 O	MD1:102	0 51 58.47 -25 40 15.2	0 54 24.90 -25 23 59.9	20.2			1.95	H I 1216 C IV 1549		1948 1948		1948phot mag
0052-303 C	CT 188	0 52 0.69 -30 20 51.4	0 54 25.51 -30 4 36.1	19.0			0.993	Mg II 2798		1324 2202 2274 2274		
0052+145 C	PHL 892	0 52 6.23 14 30 31.4	0 54 44.03 14 46 46.3	17.81	-.10	-.40	0.911	C III 1909 Mg II 2798			030	029ubv,696, 912xnd,853rnd
0052-382 O	MD6:90	0 52 6.40 -38 13 39.9	0 54 28.10 -37 57 24.6	19.9			1.90	H I 1216 C IV 1549		1948 1948		1948phot mag
0052-002 O		0 52 7.5 -0 15 5	0 54 41.24 0 1 10.0	17.7			0.648			2216 2216 2274 2274		2216nem1
0052-415 O		0 52 9 -41 35 56	0 54 29.16 -41 19 40.7	18.1			2.06	H I 1216 N V 1240 C IV 1549		478 478		846rnd,1431sp
0052+251 C X R	PG HEAO	0 52 11.1 25 9 24	0 54 52.17 25 25 38.7	15.42			0.155	O II 3727 NeIII 3869 O III 4959 O III 5007		1117 1117	2011	1030,1362ext, 1487,1980, 2112x,1329elp, 1598sp,1617, 1729,2005ir, 1701uv 1700imag/ext compan gal, 1788; faint gals near, 10 arcsec from anon gal,2118
0052-294 C	SGP7:28	0 52 13.7 -29 24 13	0 54 38.82 -29 7 57.9	19.46	-1.14	1.424	C IV 1549 C III 1909			2058 2058		2058Bmag, 2058ubv
0052-285 C	SGP3:02	0 52 16.1 -28 32 31.8	0 54 41.51 -28 16 16.7	20.46	-.58	2.181	H I 1216 Si IV 1397 C IV 1549			1878 1878 2058 2058		1878Bmag
0052-290 C	S56	0 52 17.71 -29 1 0.1	0 54 42.95 -28 44 45.0	19.99			2.93	H I 1216 N V 1240 C IV 1549		2187 2187		2187m(or)
0052-307 O	S42 MD1:103	0 52 19.34 -30 47 9.8	0 54 43.95 -30 30 54.8	19.7			2.44	H I 1216 C IV 1549		1948 1948 2187 2187		1948phot mag
0052-009 O	UM 291 PHL 895	0 52 21.3 -0 58 58	0 54 54.84 -0 42 43.2	17.9			2.212	H I 1216 Si IV 1397 C IV 1549		446 446 2274 2274		
0052-288 C	SGP3:48	0 52 22.0 -28 48 10	0 54 47.31 -28 31 55.0	20.47	-.90	2.097	H I 1216 N V 1240 Si IV 1397 C IV 1549			1878 1878 2058 2058		1878Bmag
0052-299 O		0 52 22.2 -29 56 21	0 54 47.10 -29 40 6.0	18.8			0.199			2274 2274		
0052-390 O		0 52 24.0 -39 1 0	0 54 45.29 -38 44 45.0	19.6			3.18 +	H I 1216 N V 1240		1431 1431		1431
0052-405 O	MD6:91	0 52 25.72 -40 30 10.7	0 54 46.33 -40 13 55.7	19.3			1.07	C IV 1549		1948 1948		1948phot mag
0052-384 O	MD6:92	0 52 25.96 -38 26 21.1	0 54 47.50 -38 10 6.1	18.8			2.55	H I 1216 N V 1240 C IV 1549		1431 1431 1948 1948		
0052-255 O	MD1:104	0 52 26.39 -25 33 5.6	0 54 52.79 -25 16 50.7	19.8			1.99	H I 1216 C IV 1549		1948 1948		1948phot mag
0052+006 O		0 52 26.4 0 40 23	0 55 0.39 0 56 37.7	19.0			1.451			2274 2274		

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0052-297 C	S04	0 52 26.86 -29 45 47.9	0 54 51.81 -29 29 33.0	18.43			0.76							2186 2186 2187 2187 LBQS					2187m(or)
0052-285 C	SGP3:19	0 52 33.8 -28 30 45.7	0 54 59.18 -28 14 30.9	20.37			-1.47	0.779	C II 2326 Mg II 2798				1878 1878 2058 2058						1878Bmag 19.3 B(J)mag, 2274
0052-401 O	MD6:93	0 52 33.99 -40 9 36.4	0 54 54.72 -39 53 21.5	19.1				2.09	H I 1216 N V 1240 C IV 1549				1431 1431 1948 1948						
0052-293 C	SGP7:16	0 52 35.2 -29 20 1	0 55 0.29 -29 3 46.2	20.54			-1.16	1.663	C IV 1549 C III 1909				2058 2058						2058Bmag, 2058ubv
0052-283 O	SGP3:10	0 52 38.82 -28 23 47.1	0 55 4.23 -28 7 32.4	19.34			-.33	2.350	H I 1216 N V 1240 C IV 1549				765 1400 1878 765 2058 1878 2058						
0052-289 C		0 52 40.91 -28 56 47.8	0 55 6.12 -28 40 33.1	18.07				0.602					2186 2186 2274 2274						
0052-258 O	MD1:105	0 52 41.11 -25 50 36.2	0 55 7.38 -25 34 21.6	18.5				1.89	H I 1216				1948 1948						1948phot mag
0052-285 C	SGP3:13	0 52 43.0 -28 33 40	0 55 8.34 -28 17 25.4	20.99			-0.46	(0.112)					2058 2058						2058Bmag, 2058ubv, 2058nem1
0052-020 O		0 52 43.1 -2 3 19	0 55 16.35 -1 47 4.6	18.5				0.577					2216 2216 2274 2274						
0052-290 C	S06	0 52 44.53 -29 2 31.0	0 55 9.69 -28 46 16.4	18.62				0.84					2187 2187						2187m(or)
0052-403 O	MD6:94	0 52 50.14 -40 20 3.5	0 55 10.73 -40 3 48.9	18.5				1.25	C IV 1549				1948 1948						1948phot mag
0052-311 O	MD1:106	0 52 50.86 -31 8 32.0	0 55 15.25 -30 52 17.5	18.0				0.350					1948 1948						1948phot mag
0052-288 C	SGP3:38	0 52 51.4 -28 53 34	0 55 16.60 -28 37 19.5	19.14			-0.82	0.636	Mg II 2798 O II 3727				1878 1878 2058 2058						1878Bmag
0052-286 C	SGP3:22	0 52 51.8 -28 37 2.0	0 55 17.10 -28 20 47.5	20.60			-0.17	(0.130)	O II 3727				1878 1878						1878Bmag
0052-311 O	MD1:107	0 52 53.62 -31 8 24.5	0 55 18.00 -30 52 10.0	19.3				1.90	H I 1216 Si IV 1397 O IV 1402				1948 1948						1948phot mag 0.06 arcmin from 005250.86 -310832.0,1948
0052-375 O	MD6:95	0 52 54.90 -37 34 8.2	0 55 16.71 -37 17 53.7	19.5				1.79	C IV 1549				1948 1948						1948phot mag
0052-302 O	MD1:108	0 52 55.12 -30 15 46.8	0 55 19.82 -29 59 32.4	19.8				2.10	H I 1216 C IV 1549				1948 1948						1948phot mag
0052-402 O	MD6:96	0 52 59.36 -40 13 32.5	0 55 19.96 -39 57 18.1	19.7				1.61	H I 1216 N V 1240 C IV 1549				1431 1431 1948 1948						
0052-375 O	MD6:97	0 52 59.54 -37 33 1.9	0 55 21.34 -37 16 47.5	20.6				2.57	H I 1216				1948 1948						1948phot mag 1.44 arcmin from 005254.90 -373408.2,1948
0053-278 C	S70	0 53 0.50 -27 50 28.2	0 55 26.05 -27 34 13.9	19.95				3.11	H I 1216 N V 1240 C IV 1549				2187 2187						2187m(or)
0053+014 O		0 53 0.9 1 24 22	0 55 35.09 1 40 36.1	17.8				0.440					2216 2216 2274 2274						
0053-258 C		0 53 2.07 -25 53 7.1	0 55 28.28 -25 36 52.8	19.64				2.23	C IV 1549				2187 2187						2187m(or)

TABLE 1—Continued

		OTHER		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION		Z(ABS)	REFERENCES				NOTES
		NAMES		DEC (1950)		DEC (2000)						LINES			ID	Z	VAR	R	ABS
0053-303	S68	0 53	2.15	0 55	26.80	19.13					3.07	H I	1216		2187	2187			2187m(or)
	C	-30 20	1.9	-30 3	47.6							N V	1240						
												C IV	1549						
0053-255	MD1:109	0 53	3.68	0 55	30.00	19.8					2.70	H I	1216		1948	1948			1948phot mag
	O	-25 32	14.7	-25 16	0.5							Si IV	1397						
												O IV	1402						
0053-280		0 53	9	0 55	34.44	17.86					0.146	Mg II	2798		2203	2202			
	O	-28 5	0	-27 48	45.8							H I	4340						
												H I	4861						
												O III	4959						
												O III	5007						
0053-350		0 53	11	0 55	33.83	18.8					2.304	H I	1216		1247	1247			1431sp
	O	-35 0	0	-34 43	45.8							N V	1240						
												C IV	1549						
0053-266		0 53	11.3	0 55	37.23	18.6					0.808				2274	2274			
	O	-26 39	2	-26 22	47.9														
0053-384	MD6:98	0 53	12.95	0 55	34.31	18.9		-.30			1.50	C IV	1549		1650	1948			near NGC 300,
	O	-38 26	33.8	-38 10	19.6							He II	1640		1948				1650,2118;
												C III	1909						z in 1650
																			differs(0.379)
0053-294	SGP7:31	0 53	15.2	0 55	40.15	20.08					-.96	1.331	C III	1909		2058	2058		2058Bmag,
	C	-29 24	41	-29 8	26.9														2058ubv
0053-286	SGP3:35	0 53	17.1	0 55	42.32	20.31					-.30	1.498+	C III	1909		1878	1878		1878Bmag,
	C	-28 38	36.5	-28 22	22.5											2058	2058		2058BAL
0053-276	S14	0 53	17.18	0 55	42.75	18.34						1.54				2187	2187		2187m(or)
	C	-27 39	33.2	-27 23	19.2														
0053-286	SGP3:39	0 53	18.2	0 55	43.41	20.86					-.67	1.964	C IV	1549		1878	2058		1878Bmag
	C	-28 40	23.5	-28 24	9.5											2058			
0053-288	SGP3:37	0 53	18.3	0 55	43.44	19.32					.80	(0.130)	O II	3727		1878	1878		1878Bmag
	C	-28 51	20.3	-28 35	6.3														
0053-293	SGP7:37	0 53	19.5	0 55	44.46	19.59					-.88	2.029	H I	1216		765	765		2058Bmag,
	O	-29 21	51	-29 5	37.0								N V	1240		2058	2058		2058ubv
													C IV	1549					pos & B(J)mag,
																			2274
0053-282	MD1:110	0 53	19.9	0 55	45.26	20.4						1.86	H I	1216		765	765		pos & B(J)mag,
	O	-28 13	49.0	-27 57	35.0								N V	1240		1948	1948		2274;
													C IV	1549					1948phot mag
0053-302	S41	0 53	20.36	0 55	44.99	19.3						2.43	H I	1216		1948	1948		1948phot mag
	O	-30 16	11.0	-29 59	57.0								C IV	1549		2187	2187		
	MD1:111																		
0053-287	SGP3:31	0 53	24.2	0 55	49.36	19.59					-.75	1.706	O IV	1402		1878	1878		1878Bmag
	C	-28 45	23.8	-28 29	9.9								C IV	1549		2058	2058		
													He II	1640					
													C III	1909					
0053-424	MD6:99	0 53	25.92	0 55	45.32	19.7						2.25	H I	1216		1431	1431		
	O	-42 29	0.5	-42 12	46.5								N V	1240		1948	1948		
													C IV	1549					
0053-286	SGP3:27	0 53	30.93	0 55	56.13	19.05					-.84	1.920	H I	1216		1324	1878		1878Bmag
	C	-28 36	26.7	-28 20	12.9								N V	1240		1878	1400		
	CT 222												Si IV	1397		1948	1948		
	MD1:112												C IV	1549		2058	2058		
													C III	1909			2202		
0053-255	MD1:113	0 53	31.29	0 55	57.53	19.2						1.43	C IV	1549		1948	1948		1948phot mag
	O	-25 35	28.5	-25 19	14.7								C III	1909					
0053-393	MD6:100	0 53	33.69	0 55	54.54	19.5						1.91	H I	1216		1948	1948		1948phot mag
	O	-39 23	46.9	-39 7	33.1														
0053-286	SGP3:20	0 53	33.8	0 55	58.99	20.76					-1.48	1.306	C IV	1549		1878	1878		1878Bmag
	C	-28 36	49.7	-28 20	35.9								C III	1909		2058	2058		
													Mg II	2798					

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES
0053-376	MD6:101		0 53 33.98	0 55 55.62	20.1			1.53	C IV 1549		1948 1948		1948phot mag
O			-37 38 32.7	-37 22 18.9									
0053-293	SGP7:33		0 53 35.0	0 55 59.91	20.81		-.54	1.303	C III 1909		2058 2058		2058Bmag, 2058ubv
C			-29 22 47	-29 6 33.3									
0053-287	SGP3:34		0 53 37.0	0 56 2.14	19.27		-1.00	1.933	H I 1216 N V 1240 Si IV 1397 C IV 1549		1878 1878 2058 2058		1878Bmag
C			-28 43 11.8	-28 26 58.1									
0053-285	SGP3:18		0 53 37.1	0 56 2.32	19.97		-.79	1.029	C III 1909 Mg II 2798		1878 1878 2058 2058		1878Bmag
C			-28 30 12.3	-28 13 58.6									
0053-271			0 53 38.54	0 56 4.23	18.55		-1.13	1.040+	C III 1909 Mg II 2798		765 1400 1203	1203	1203ubv
O			-27 9 10.1	-26 52 56.4									
0053-254	MD1:114		0 53 39.29	0 56 5.57	18.3			1.379	C IV 1549 C III 1909		1948 1948 LBQS		1948phot mag
O			-25 26 19.7	-25 10 6.1									
0053+018			0 53 39.3	0 56 13.62	18.6			0.891			2216 2216 2274 2274		
O			1 51 22	2 7 35.4									
0053-276	S83		0 53 40.07	0 56 5.57	19.41			3.36	H I 1216 N V 1240 C IV 1549		2187 2187		2187m(or)
C			-27 41 36.4	-27 25 22.8									
0053-015			0 53 41.2	0 56 14.57	18.3			2.062			2216 2216 2274 2274		
O			-1 34 42	-1 18 28.6									
0053-027			0 53 42.7	0 56 15.74	17.9			1.210			2216 2216 2274 2274		
O			-2 44 53	-2 28 39.6									
0053-280	MD1:115		0 53 43.00	0 56 8.38	19.5			2.84	H I 1216 Si IV 1397 O IV 1402		1948 1948		1948phot mag
O			-28 1 21.5	-27 45 7.9									
0053-294	SGP7:39		0 53 43.5	0 56 8.38	19.01		-.29	0.271			2058 2058		2058Bmag, 2058ubv, 2058neml
C			-29 24 13	-29 7 59.4									
0053-282			0 53 47.2	0 56 12.49	18.5			0.725			2274 2274		
O			-28 13 25	-27 57 11.5									
0053-328			0 53 48.0	0 56 11.57	18.8			2.20	H I 1216 N V 1240 C IV 1549		1431 1431		
O			-32 51 0	-32 34 46.5									
0053-404	MD6:102		0 53 51.50	0 56 11.77	19.2			2.82	H I 1216		1948 1948		1948phot mag
O			-40 29 28.7	-40 13 15.2									
0053-295	SGP7:09		0 53 52.5	0 56 17.32	20.38		-1.06	1.969	C IV 1549		2058 2058		2058Bmag, 2058ubv
C			-29 30 14	-29 14 0.6									
0053-002			0 53 55.6	0 56 29.34	18.7			1.175			2216 2216 2274 2274		
O			-0 15 4	0 1 9.1									
0053-292	SGP7:36		0 53 59.0	0 56 23.88	20.76		-1.07	(1.206)	C III 1909		2058 2058		2058Bmag, 2058ubv
C			-29 17 29	-29 1 15.7									
0053-284	DHM		0 53 59.89	0 56 25.08	18.25	1.30		3.616*	LYB 1026 3.5800 O VI 1034 3.5068 H I 1216 3.2791 N V 1240 1.4398 Si IV 1397 1.3412 O IV 1402 C IV 1549 He II 1640	1131 1251 2186 1131 1874 2228 2263	1131 1847ir 1874 Ly limit abs, z=3.585,1874, 2247		
O			-28 24 46.4	-28 8 33.1									
0054-292	SGP7:35		0 54 3.64	0 56 28.51	19.05		-.87	1.801	C IV 1549 C III 1909		1948 2058 2058 1948		2058Bmag, 2058ubv 1948phot mag
O	MD1:116		-29 17 16.8	-29 1 3.6									
0054-419	MD6:103		0 54 6.15	0 56 25.64	20.6			0.78	Mg II 2798		1948 1948		1948phot mag
O			-41 57 55.4	-41 41 42.1									
0054-275			0 54 6.36	0 56 31.84	18.92		-1.20	(1.26)	C IV 1549 C III 1909		765 1203 765		1203ubv
O			-27 33 36.1	-27 17 22.9									



TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
0054+020 O		0 54 10.3 2 0 18	0 56 44.67 2 16 30.9	18.4					1.873			2216 2216 2274 2274				
0054-308 O	MD1:117	0 54 13.85 -30 51 14.7	0 56 38.11 -30 35 1.6	20.5					2.07	LYB O VI H I	1026 1034 1216	1948 1948				1948phot mag
0054-267 C	S17	0 54 15.02 -26 42 50.3	0 56 40.78 -26 26 37.3	19.03					(1.63)			2187 2187				2187m(or)
0054-411 O	MD6:104	0 54 17.13 -41 7 34.5	0 56 36.99 -40 51 21.4	20.1					1.96	H I	1216	1948 1948				1948phot mag
0054-309 O	MD1:118 S25	0 54 18.06 -30 57 44.4	0 56 42.27 -30 41 31.4	19.79					2.14	H I N V C IV	1216 1240 1549	1948 1948 2187 2187				2187m(or) 1948phot mag
0054-293 C	S59	0 54 20.42 -29 21 24.7	0 56 45.22 -29 5 11.8	18.90					2.96	H I N V C IV	1216 1240 1549	2187 2187				2187m(or)
0054-291 O	S44 MD1:119	0 54 20.78 -29 10 12.3	0 56 45.65 -28 53 59.4	19.0					2.53	LYB H I Si IV O IV	1026 1216 1397 1402	1948 1948 2187 2187				1948phot mag
0054-281 O		0 54 22.5 -28 10 25.4	0 56 47.72 -27 54 12.5	19.5					0.80	C III C II Mg II	1909 2326 2798	765 765				pos & B(J)mag, 2274
0054-310 O	MD1:120	0 54 27.71 -31 0 59.8	0 56 51.87 -30 44 47.0	18.6					1.788	H I Si IV O IV C IV	1216 1397 1402 1549	1948 1948 LBQS				1948phot mag 3.85 arcmin from 005418.06 -305744.4,1948
0054-256 O	MD1:121	0 54 30.97 -25 36 10.0	0 56 57.08 -25 19 57.3	19.3					2.03	H I C IV	1216 1549	1948 1948				1948phot mag
0054+144 C X	PHL 909	0 54 31.94 14 29 58.6	0 57 9.92 14 46 11.0	16.7	-1.10	-0.40	0.171			Mg II H I H I O III	2798 4340 4861 5007	030				029ubv,705, 1202pol,850, 853,921rnd, 912,1488, 1781x,921,992, 1617,2018ir, 1864ext, 921phot, 1194imag, 2100FeIIem
0054-299 C	S09	0 54 32.55 -29 57 40.4	0 56 57.09 -29 41 27.7	19.18					0.96			2187 2187				2187m(or)
0054-295 O	MD1:122	0 54 32.92 -29 34 3.6	0 56 57.61 -29 17 50.9	19.3					2.04	H I N V C IV He II	1216 1240 1549 1640	765 765 1948 1948				1948phot mag; pos & B(J)mag, 2274
0054-277 C	SGP4:45	0 54 35.8 -27 44 12	0 57 1.15 -27 27 59.3	19.45				-0.74 (0.348)		Mg II	2798	2058 2058				2058Bmag, 2058ubv
0054+026 O		0 54 36.4 2 36 15	0 57 10.94 2 52 27.4	17.6					1.654			2216 2216 2274 2274				
0054-366 O		0 54 42.0 -36 36 0	0 57 3.85 -36 19 47.4	18.5					2.10	H I N V C IV	1216 1240 1549	1431 1431				
0054-308 O	MD1:123	0 54 42.95 -30 48 8.0	0 57 7.15 -30 31 55.4	19.5					1.52	C IV C III	1549 1909	1948 1948				1948phot mag
0054-006 R	PKS	0 54 43.41 -0 40 45.6	0 57 17.02 -0 24 33.3	19.1					2.777+	H I N V Si II Si IV O IV C IV	1216 1240 1263 1397 1402 1549	028 1304 024			351 1527 1818 2162	024 1092ir,761, 986sp, 1526vlbi, 1818pos pos & B(J)mag, 2274
0054-310 O	MD1:124	0 54 48.68 -31 1 56.7	0 57 12.77 -30 45 44.2	20.5					2.09	H I C IV	1216 1549	1948 1948				1948phot mag

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0054-260 O	MD1:125	0 54 55.48 -26 1 51.9	0 57 21.38 -25 45 39.6	19.2			1.65	C IV 1549 C III 1909		1948 1948					1948phot mag
0054-409 O	MD6:105	0 54 58.80 -40 57 33.2	0 57 18.57 -40 41 20.8	19.8			1.97	H I 1216		1948 1948					1948phot mag
0054-278 C	SGP4:41	0 54 59.3 -27 48 12	0 57 24.56 -27 31 59.7	19.49		-1.06	1.209	C III 1909		2058 2058					2058Bmag, 2058ubv
0055-387 O	MD6:106	0 55 1.78 -38 44 42.9	0 57 22.60 -38 28 30.6	18.4			2.35	H I 1216 N V 1240 C IV 1549		1431 1431 1948 1948					
0055+016 O		0 55 2.8 1 41 41	0 57 37.09 1 57 52.9	18.6			2.232			2216 2216 2274 2274					
0055-271 O	MD1:126	0 55 6.62 -27 11 12.9	0 57 32.09 -26 55 0.8	19.9			1.82	H I 1216		1948 1948					1948phot mag
0055-428 O	MD6:107	0 55 8.26 -42 51 12.8	0 57 27.03 -42 35 0.6	20.2			2.28	H I 1216		1948 1948					1948phot mag
0055-277 C	CT 250 MD1:127 SGP4:14	0 55 9.66 -27 44 40.2	0 57 34.92 -27 28 28.1	18.77		-.39	2.186	O VI 1034 H I 1216 N V 1240 Si IV 1397 C IV 1549		1324 1203 1948 1400 2058 1436 1948 2058 2202					1203ubv Two faint gals near,1203 3.08 arcmin from UGC 0554, 2118
0055-285 O	MD1:128	0 55 13.13 -28 32 34.8	0 57 38.09 -28 16 22.8	19.9			2.76	H I 1216		1948 1948					1948phot mag
0055-259 C	CT 251	0 55 14.32 -25 59 5.5	0 57 40.20 -25 42 53.5	18.7			0.584	Mg II 2798 O II 3727		1324 1436 2202					
0055-020 O		0 55 15.3 -2 0 36	0 57 48.53 -1 44 24.2	18.6			1.983			2216 2216 2274 2274					
0055-288 C	SGP1:39	0 55 19.1 -28 52 39.4	0 57 43.92 -28 36 27.5	20.70		-1.27	1.388	C IV 1549 C III 1909		1878 1878 2058 2058					1878Bmag
0055-415 O	MD6:108	0 55 21.83 -41 35 30.4	0 57 41.19 -41 19 18.4	20.3			1.80	H I 1216		1948 1948					1948phot mag
0055+156 C	PHL 915	0 55 23.36 15 37 3.7	0 58 1.74 15 53 15.2	18.4	-.10	-.40	1.263	C IV 1549 C III 1909		030					029ubv,853rnd
0055-280 C	SGP4:37	0 55 27.3 -28 1 29	0 57 52.41 -27 45 17.2	20.97		-.63	1.691	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
0055-308 C	S35	0 55 27.76 -30 50 30.8	0 57 51.82 -30 34 19.0	18.59			2.36	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
0055-402 O	MD6:109	0 55 28.90 -40 16 24.0	0 57 48.89 -40 0 12.2	19.5			1.90	H I 1216 He II 1640		1948 1948					1948phot mag
0055-277 C	SGP4:10	0 55 29.0 -27 43 12	0 57 54.22 -27 27 0.3	20.57		-1.02	(0.907)	Mg II 2798		2058 2058					2058Bmag, 2058ubv
0055-021 O		0 55 31.7 -2 6 28	0 58 4.90 -1 50 16.5	17.5			0.239			2216 2216 2274 2274					
0055-269 O		0 55 32.46 -26 59 26.8	0 57 57.94 -26 43 15.1	17.1			3.656*	O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 1.5335	3.6764 3.6013 3.1943 3.1910 2.9494	1482 1622 2186 1482 1874 2228 2243 2263				1874 2059 2125 2228 2243 2263	18.9 B(J)mag, 2274
0055-280 C	SGP4:29	0 55 34.8 -28 3 44	0 57 59.88 -27 47 32.4	19.57		-.75	1.650	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
0055+024 O		0 55 35.3 2 25 44	0 58 9.80 2 41 55.4	18.6			0.373			2216 2216 2274 2274					
0055-284 O		0 55 38.42 -28 28 23.4	0 58 3.34 -28 12 11.8	18.87		-.35	0.648	Mg II 2798 O III 3133		1203 1203 1400					1203ubv

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0055-254	S58		0 55 40.78	0 58 6.80	18.7					2.94	H I 1216		1948 1948				1948phot mag
O	MD1:129		-25 24 33.4	-25 8 21.9									2187 2187				
0055-375	MD6:110		0 55 41.96	0 58 3.19	20.2					2.40	H I 1216		1948 1948				1948phot mag
O			-37 30 30.2	-37 14 18.6							C IV 1549						
0055-416			0 55 42.5	0 58 1.74	18.0					2.64	H I 1216		1431 1431				
O			-41 39 20	-41 23 8.4							N V 1240						
											C IV 1549						
0055-288	SGP1:17		0 55 42.9	0 58 7.68	20.09			-1.31	1.278		C IV 1549		1878 1878				1878Bmag
C			-28 50 12.2	-28 34 0.7							C III 1909		2058 2058				
											Mg II 2798						
0055-298	CT 264		0 55 43.32	0 58 7.73	19.0					0.663			1324 2274				z differs in 1436
C			-29 48 59.1	-29 32 47.6									2274				
0055-428	MD6:111		0 55 46.34	0 58 4.95	19.9					2.38	H I 1216		1948 1948				1948phot mag
O			-42 50 24.9	-42 34 13.4							C IV 1549						
0055-258	MD1:130		0 55 46.78	0 58 12.62	20.3					2.14	H I 1216		1948 1948				1948phot mag
O			-25 52 3.2	-25 35 51.8							C IV 1549						
0055-339			0 55 48.0	0 58 10.77	17.9					(0.83)	Mg II 2798		1431 1431				
O			-33 55 0	-33 38 48.6													
0055-277	S37		0 55 48.78	0 58 13.96	19.71					2.43	H I 1216		2187 2187				2187m(or)
C			-27 42 0.4	-27 25 49.0							N V 1240						
											C IV 1549						
0055-285	SGP1:10		0 55 48.9	0 58 13.77	20.86			-0.72	0.426		O II 3727		1878 1878				1878Bmag,
C			-28 32 9.0	-28 15 57.6							H I 4861		2058 2058				2058neml
											O III 4959						
											O III 5007						
0055+004	UM 294		0 55 50.8	0 58 24.73	17.7					1.92	H I 1216		446 480			866	901pol
O			0 25 3	0 41 14.1							Si IV 1397						
R											C IV 1549						
0055-379	MD6:112		0 55 51.61	0 58 12.61	19.6					1.83	H I 1216		1948 1948				1948phot mag
O			-37 56 30.3	-37 40 18.9							C IV 1549						
0055-277	SGP4:25		0 55 53.0	0 58 18.15	19.91			-0.74	1.606		C IV 1549		2058 2058				2058Bmag,
C			-27 44 59	-27 28 47.7							C III 1909						2058ubv
0055-277	SGP4:16		0 55 59.4	0 58 24.55	20.43			-0.59	0.211				2058 2058				2058Bmag,
C			-27 42 16	-27 26 4.8													2058ubv,
																	2058neml
0056-385	MD6:113		0 56 3.32	0 58 23.99	19.7					2.05	H I 1216		1948 1948				1948phot mag
O			-38 33 50.0	-38 17 38.8							C IV 1549						
0056+126	PHL 921		0 56 3.42	0 58 40.95	17.9	-0.10	-0.40	1.088*			C IV 1549	1.058		030		030	029ubv, 853rnd
C			12 40 7.2	12 56 18.0							C III 1909				2228		
											Mg II 2798				2263		
0056-279	SGP4:04		0 56 6.6	0 58 31.66	20.76			-0.36	2.861		H I 1216		2058 2058				2058Bmag,
C			-27 54 7	-27 37 55.9									2186				2058ubv
0056-303	S23		0 56 7.76	0 58 31.88	19.97					2.10	C IV 1549		2187 2187				2187m(or)
C			-30 23 15.9	-30 7 4.8													
0056-279	SGP4:02		0 56 11.1	0 58 36.15	20.87			-0.57	1.692		C IV 1549		2058 2058				2058Bmag,
C			-27 54 30	-27 38 19.0							C III 1909						2058ubv
0056-423	MD6:114		0 56 11.26	0 58 30.02	20.0					2.11	H I 1216		1431 1431				
O			-42 20 47.1	-42 4 36.0							N V 1240		1948 1948				
											C IV 1549						
0056-293	S08		0 56 11.75	0 58 36.27	18.71					0.91			2187 2187				2187m(or)
C			-29 18 32.2	-29 2 21.2													
0056-287	SGP1:07		0 56 12.5	0 58 37.24	20.11			-0.65	0.828		Mg II 2798		1878 1878				1878Bmag
C			-28 43 27.3	-28 27 16.3									2058 2058				
0056-400	MD6:115		0 56 14.11	0 58 34.04	19.2					2.02	H I 1216		1948 1948				1948phot mag
O			-40 0 50.4	-39 44 39.4							C IV 1549						

TABLE 1—Continued

OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
	DEC	(1950)		DEC	(2000)								ID	Z	VAR	R	ABS	
0056-363 O		0 56 15.8 -36 22 17		0 58 37.42 -36 6 6.0		16.7		-0.20		0.162			1650	1650				101 arcmin from NGC 300, 1650,2118
0056-286 C	SGP1:16	0 56 18.0 -28 41 44.8		0 58 42.74 -28 25 33.9		20.48			-0.58	(0.965)	Mg II 2798		1878	1878				1878Bmag
0056-287 C	SGP1:04	0 56 18.1 -28 45 54.2		0 58 42.81 -28 29 43.3		19.91			-0.91	1.740	Si IV 1397 C IV 1549		1878	1878				1878Bmag
0056-405 O	MD6:116	0 56 19.74 -40 30 34.8		0 58 39.41 -40 14 23.9		20.1				2.14	H I 1216		1948	1948				1948phot mag
0056-292 C	CT 271 MD1:131	0 56 20.85 -29 15 35.4		0 58 45.37 -28 59 24.6		18.7				1.255	H I 1216 C IV 1549 He II 1640 C III 1909 Mg II 2798		765	1436				z in 1436 differs (1.25)
0056-394 O	MD6:117	0 56 21.02 -39 24 51.2		0 58 41.22 -39 8 40.3		18.6				1.409	C IV 1549		1431	1431				100 arcmin from NGC 300, 1650
0056-277 C	SGP4:27	0 56 27.5 -27 45 42		0 58 52.56 -27 29 31.3		20.34			-0.50	(0.560)	Mg II 2798		2058	2058				2058Bmag, 2058ubv
0056-277 C	SGP4:09	0 56 30.0 -27 47 51		0 58 55.04 -27 31 40.4		20.42			-0.59	1.159	C III 1909		2058	2058				2058Bmag, 2058ubv
0056-278 C	SGP4:05	0 56 30.5 -27 48 43		0 58 55.54 -27 32 32.4		20.18			-0.27	0.101			2058	2058				2058Bmag, 2058ubv, 2058neml
0056-001 C X R	PHL 923 4C 00.06 PKS OB 094 DA 32	0 56 31.73 -0 9 19.2		0 59 5.49 0 6 51.2		17.02		0.20	-0.70	0.717	C III 1909 Mg II 2798		001	1513		128		001,003ubv, 1119rvar, 1350x,1201pol, 057,079fc, 1526vlbi, 1810pos 1902avg ph mag
0056-290 C	SGP1:20 MD1:132	0 56 34.52 -29 5 31.2		0 58 59.07 -28 49 20.6		19.87			-1.54	1.341	C IV 1549 C III 1909 Mg II 2798		1878	1878				1878Bmag
0056-277 C	SGP4:07	0 56 35.8 -27 47 18		0 59 0.83 -27 31 7.5		20.86			-0.94	0.683	Mg II 2798		2058	2058				2058Bmag, 2058ubv
0056-279 C	SGP4:08	0 56 36.5 -27 56 41		0 59 1.47 -27 40 30.5		20.82			-0.27	(0.329)			2058	2058				2058Bmag, 2058ubv, 2058neml
0056-287 O		0 56 41.3 -28 43 14		0 59 5.97 -28 27 3.6		17.8				0.934			2274	2274				
0056+014 O	PC	0 56 43.4 1 25 55.8		0 59 17.62 1 42 5.9		18.9				3.154+			1698	1698				1698rmag
0056-310 O	MD1:133	0 56 43.70 -31 1 53.7		0 59 7.47 -30 45 43.3		19.0				1.54	C IV 1549 C III 1909		1948	1948				1948phot mag
0056-281 C	SGP4:39	0 56 44.1 -28 7 34		0 59 8.99 -27 51 23.6		20.85			-1.10	1.716	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
0056+001 O		0 56 44.4 0 9 9		0 59 18.25 0 25 19.1		18.0				0.613			2216	2216				
0056-026 O		0 56 47.3 -2 41 51		0 59 20.32 -2 25 40.9		18.9				2.226			2274	2274				
0056-370 O		0 56 47.3 -37 3 30		0 59 8.51 -36 47 19.6		18.5				2.26	H I 1216 C IV 1549		1289	1289				
0056-408 O	MD6:118	0 56 47.50 -40 49 57.2		0 59 6.89 -40 33 46.8		19.3				1.97	H I 1216		1948	1948				1948phot mag
0056-293 C	S13	0 56 50.67 -29 21 49.0		0 59 15.07 -29 5 38.7		18.59				1.40			2187	2187				2187m(or)

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0056-426 O	MD6:119	0 56 50.75 -42 39 17.6	0 59 9.18 -42 23 7.2	20.2					1.50	C IV 1549 C III 1909		1948	1948			1948phot mag
0056-290 C	SGP1:22	0 56 51.8 -29 1 47.2	0 59 16.33 -28 45 37.0	20.79				-.81 (1.281)		C IV 1549 C III 1909 Mg II 2798		1878 1878 2058 2058				1878Bmag
0056-290 C	SGP1:21	0 56 51.9 -29 4 11.4	0 59 16.41 -28 48 1.2	20.47				-.54 2.170		H I 1216 C IV 1549		1878 1878 2058 2058				1878Bmag
0056-305 C	S15	0 56 52.74 -30 30 42.8	0 59 16.69 -30 14 32.6	19.01					1.59			2187	2187			2187m(or)
0056+013 O		0 56 54.5 1 18 22	0 59 28.69 1 34 31.9	18.1					1.101			2216 2216 2274 2274				
0056-298 O		0 56 58.1 -29 48 19	0 59 22.31 -29 32 8.9	18.4					0.351			2274 2274				
0057-285 C	SGP1:03	0 57 1.8 -28 35 42.9	0 59 26.46 -28 19 32.8	19.45				-.53 0.662		Mg II 2798		1878 1878 2058 2058				1878Bmag
0057-279 C	SGP4:33	0 57 4.6 -27 59 47	0 59 29.48 -27 43 37.0	19.96				-.99 1.195		C III 1909		2058 2058				2058Bmag, 2058ubv
0057-414 O	MD6:120	0 57 6.12 -41 26 52.9	0 59 25.12 -41 10 42.8	18.0					2.06	H I 1216 C IV 1549		1948 1948				1948phot mag
0057-286 C	SGP1:05	0 57 7.2 -28 38 11.8	0 59 31.84 -28 22 1.8	20.63				-.60 (0.454)		Mg II 2798 Ne V 3426		1878 1878 2058 2058				1878Bmag
0057-375 O	MD6:121	0 57 7.37 -37 31 5.2	0 59 28.29 -37 14 55.2	20.0					2.72	H I 1216		1948 1948				1948phot mag
0057-015 O		0 57 15.5 -1 35 16	0 59 48.84 -1 19 6.4	17.9					0.325			2216 2216 2274 2274				
0057-308 C	S48	0 57 18.81 -30 49 36.9	0 59 42.56 -30 33 27.1	19.27					2.67	H I 1216 N V 1240 C IV 1549		2187 2187				2187m(or)
0057-279 O	MD1:134	0 57 19.07 -27 54 38.9	0 59 43.95 -27 38 29.2	19.1					1.73	Si IV 1397 O IV 1402 1459		1948 1948				1948phot mag
0057-295 O	MD1:135	0 57 19.60 -29 35 47.0	0 59 43.83 -29 19 37.3	20.0					2.08	H I 1216 C IV 1549		1948 1948				1948phot mag
0057-370 O	MD4:1	0 57 20.15 -37 2 32.6	0 59 41.25 -36 46 22.8	20.3					2.00	H I 1216		1948 1948				1948phot mag
0057-286 C	SGP1:06	0 57 20.3 -28 37 40.0	0 59 44.91 -28 21 30.3	20.90				-.88 1.564		C IV 1549 C III 1909		1878 1878 2058 2058				1878Bmag
0057-294 O	MD1:136	0 57 23.17 -29 25 31.8	0 59 47.46 -29 9 22.1	19.5					2.72	H I 1216		1948 1948				1948phot mag
0057-259 C	CT 282	0 57 23.44 -25 55 42.5	0 59 49.04 -25 39 32.9	19.0					0.315	Mg II 2798 H I 4340		1324 1436 2202				
0057-282 O	S57 MD1:137	0 57 23.68 -28 16 12.8	0 59 48.41 -28 0 3.1	19.1					2.96	LYB 1026 O VI 1034 H I 1216		1948 1948 2187 2187				1948phot mag
0057+311 X	1E	0 57 26.1 31 10 55	1 0 10.18 31 27 4.1	18.5		.20	-.91	0.287		H I 4861 O III 5007		1269 1269				1269ubv, 1910sp
0057+000 O		0 57 28.5 0 0 33	1 0 2.31 0 16 42.3	17.2					0.776			2216 2216 2274 2274				
0057-430 O		0 57 29.1 -43 2 11	0 59 47.16 -42 46 1.3	18.5					0.46	Mg II 2798		1431 1431				
0057-321 O		0 57 29.7 -32 8 12	0 59 52.89 -31 52 2.4	18.0					2.26	H I 1216 C IV 1549		1289 1289				
0057-265 O	MD1:138	0 57 30.16 -26 30 21.0	0 59 55.53 -26 14 11.5	18.5					1.042	C IV 1549 C III 1909		1948 1948 LBQS				1948phot mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0057-288 C	SGP1:31	0 57 30.47 -28 48 50.6	0 59 54.98 -28 32 41.1	20.28		-0.49	2.867	H I 1216		1878 2058 2186					1878Bmag
0057-398 O		0 57 33.1 -39 48 6	0 59 52.83 -39 31 56.4	19.3			3.24	+ H I 1216 N V 1240		1431 1431					1431BAL
0057-283 O	MD1:139	0 57 36.89 -28 20 2.1	1 0 1.56 -28 3 52.7	19.3			2.49	H I 1216 C IV 1549		765 1948 1409 1948					z in 765 differs
0057+025 O		0 57 37.1 2 30 47	1 0 11.65 2 46 56.1	18.3			0.716			2216 2216 2274 2274					
0057-398 O	MD6:122	0 57 38.45 -39 52 5.1	0 59 58.13 -39 35 55.6	19.3			2.04	H I 1216 C IV 1549		1948 1948					1948phot mag
0057-357 O		0 57 40.6 -35 46 22	1 0 2.20 -35 30 12.6	19.0			2.08	H I 1216 C IV 1549		1289 1289					
0057-310 C	S21	0 57 40.72 -31 5 26.2	1 0 4.31 -30 49 16.8	19.32			1.76	C IV 1549		2187 2187					2187m(or)
0057-291 O		0 57 41.3 -29 8 17	1 0 5.66 -28 52 7.7	18.5			0.49	Mg II 2798		765 765					
0057-024 O		0 57 43.3 -2 25 23	1 0 16.39 -2 9 13.9	18.6			2.009			2216 2216 2274 2274					
0057-259 O	MD1:140	0 57 44.06 -25 54 17.1	1 0 9.62 -25 38 7.8	20.3			2.00	H I 1216		1948 1948					1948phot mag
0057-254 O	MD1:141	0 57 45.53 -25 29 26.4	1 0 11.24 -25 13 17.2	19.2			1.99	H I 1216 C IV 1549		1948 1948					1948phot mag
0057-274 C	S87	0 57 47.28 -27 25 1.6	1 0 12.28 -27 8 52.4	18.73			3.52	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
0057-352 O	MD4:2	0 57 47.45 -35 16 20.0	1 0 9.25 -35 0 10.7	19.6			2.05	H I 1216 C IV 1549		1948 1948					1948phot mag
0057-352 O		0 57 48.0 -35 16 0	1 0 9.80 -34 59 50.7	19.4			2.05	H I 1216 N V 1240 C IV 1549		1289 1431 1431 1289					
0057-421 O	MD6:123	0 57 48.54 -42 9 22.1	1 0 6.99 -41 53 12.8	20.3			1.81	H I 1216		1948 1948					1948phot mag
0057-371 O	MD4:3	0 57 48.86 -37 8 13.8	1 0 9.81 -36 52 4.5	20.1			2.17	H I 1216 N V 1240 C IV 1549		1289 1431 1431 1289 1948 1948					
0057-423 O	MD6:124	0 57 48.88 -42 20 21.3	1 0 7.23 -42 4 12.0	19.6			2.02	H I 1216 C IV 1549		1948 1948					1948phot mag
0057-302 C		0 57 50.16 -30 16 36.0	1 0 14.05 -30 0 26.8	18.61			2.90			2186 2186					
0057-288 C	S38	0 57 50.64 -28 51 32.4	1 0 15.08 -28 35 23.2	18.16			2.43	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
0057-288 O		0 57 50.8 -28 51 34	1 0 15.24 -28 35 24.8	19.0			1.68	C IV 1549 C III 1909		765 765 1409					
0057-283 O		0 57 51.3 -28 21 1.4	1 0 15.93 -28 4 52.3	19.7			2.30	H I 1216 N V 1240		765 765					pos & B(J)mag, 2274
0057-358 O	MD4:4	0 57 51.87 -35 50 5.5	1 0 13.41 -35 33 56.3	17.5			1.55	C IV 1549 C III 1909		1289 1289 1948 1948					
0057-259 O	MD1:142	0 57 52.94 -25 55 16.3	1 0 18.48 -25 39 7.2	20.4			2.55	H I 1216		1948 1948					1948phot mag 2.22 arcmin from 005744.06 -255417.1,1948
0057-274 C	MD1:143	0 57 56.69 -27 29 45.7	1 0 21.63 -27 13 36.7	18.90		-0.78	1.67	C IV 1549 C III 1909		1203 1948 1948					1203ubv z in 1203 differs

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0057-350 O	MD4:5		0 57 58.45 -35 2 4.2	1 0 20.32 -34 45 55.1	20.9				2.64	H I	1216		1948 1948					1948phot mag	
0057-281 O	MD1:144		0 57 59.05 -28 11 53.9	1 0 23.72 -27 55 44.9	20.5				2.12	H I	1216		1948 1948					1948phot mag	
0057-350 O	MD4:6		0 57 59.40 -35 2 38.7	1 0 21.26 -34 46 29.6	19.7				1.97	H I C IV	1216 1549		1948 1948					1948phot mag 0.61 arcmin from 005758.45 -350204.2,1948	
0058-290 O			0 58 4.1 -29 3 50.9	1 0 28.42 -28 47 42.0	19.6				2.22	H I N V	1216 1240		765 765					pos & B(J)mag, 2274	
0058-260 O	MD1:145		0 58 6.16 -26 4 43.5	1 0 31.61 -25 48 34.7	18.4				2.472	H I	1216		1948 1948 LBQS					1948phot mag	
0058-306 O	MD1:146		0 58 7.20 -30 38 16.2	1 0 30.89 -30 22 7.3	19.1				2.11	H I C IV	1216 1549		1948 1948					1948phot mag	
0058-337 O	MD4:7		0 58 9.51 -33 46 8.2	1 0 31.90 -33 29 59.3	19.2				2.49	H I O IV	1216 1402		1948 1948					1948phot mag	
0058-024 O			0 58 11.6 -2 27 26	1 0 44.67 -2 11 17.5	18.6				2.226				2216 2216 2274 2274						
0058-259 C	CT 289		0 58 13.98 -25 54 33.8	1 0 39.47 -25 38 25.1	18.2				0.156	Mg II H I O III O III	2798 4861 4959 5007		1324 1436 2202						
0058-325 O	MD4:8		0 58 16.48 -32 31 2.3	1 0 39.38 -32 14 53.6	17.2				1.57	C IV C III	1549 1909		1948 1948					1948phot mag	
0058+019 C	PHL 938 UM 297		0 58 19.7 1 55 28	1 0 54.08 2 11 36.4	16.55*	.32	-.88	1.961*	H I N V Si IV O IV N IV C IV He II N III C III Mg II	1216 1240 1397 1402 1488 1549 1640 1750 1909 2798	1.5922 1.4636 1.2610 1.2450 1.2103 0.6128	035 034 1068 035 2174 446 480 1872 2251	034 035ubv,705, 036 1202pol,853, 489 872rnd, 1872 1513elp,446fc, 1873 037,038,324, 2228 582sp 2263 1902avg Bmag						
0058-392 O	MD6:125		0 58 20.24 -39 17 37.7	1 0 40.04 -39 1 29.0	19.4				2.63	H I O IV	1216 1402		1948 1948					1948phot mag	
0058-415 O	MD6:126		0 58 22.01 -41 34 38.3	1 0 40.63 -41 18 29.6	17.6				1.29	C III	1909		1948 1948					1948phot mag	
0058-263 C	S65		0 58 23.92 -26 19 38.1	1 0 49.24 -26 3 29.6	19.80				3.05	H I N V C IV	1216 1240 1549		2187 2187					2187m(or)	
0058-290 C	S10		0 58 24.66 -29 0 30.8	1 0 48.95 -28 44 22.3	19.96				1.14				2187 2187					2187m(or)	
0058-405 O	MD6:127		0 58 28.05 -40 35 3.8	1 0 47.17 -40 18 55.2	19.6				2.32	H I C IV	1216 1549		1948 1948					1948phot mag	
0058-027 O			0 58 31.2 -2 44 3	1 1 4.18 -2 27 54.8	19.1				1.231				2274 2274						
0058-286 O	MD1:147		0 58 32.69 -28 40 45.6	1 0 57.09 -28 24 37.2	20.1				2.30	H I N V	1216 1240		765 765 1948 1948						
0058-293 C	CT 294 MD1:148		0 58 34.53 -29 19 1.8	1 0 58.68 -29 2 53.5	18.6				1.19	C IV He II C III	1549 1640 1909		1324 1436 1948 1948 2202						
0058-026 O			0 58 34.7 -2 36 49	1 1 7.72 -2 20 40.9	18.3				0.902				2216 2216 2274 2274						
0058-291 O			0 58 35.6 -29 7 23	1 0 59.82 -28 51 14.7	18.4				0.866				2274 2274						
0058-261 O	MD1:149		0 58 35.75 -26 11 29.1	1 1 1.09 -25 55 20.8	20.5				2.42	H I C IV	1216 1549		1948 1948					1948phot mag	



TABLE 1—Continued

		OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
			DEC (1950)		DEC (2000)								ID	Z	VAR	R	
0058-269	MD1:150		0 58 39.71	1 1 4.77	19.7				2.28	H I 1216		765 765				pos & B(J)mag,	
O			-26 55 14.3	-26 39 6.1						N V 1240		1948 1948				2274	
0058-292	S66		0 58 40.45	1 1 4.61	18.47				3.07	H I 1216		2187 2187				2187m(or)	
C			-29 14 9.3	-28 58 1.1						N V 1240							
										C IV 1549							
0058-285	CT 295		0 58 41.31	1 1 5.75	18.8				1.001	C III 1909		1324 1948				pos & B(J)mag,	
C	MD1:151		-28 31 0.6	-28 14 52.4						Mg II 2798		1948 1436				2274	
												2202					
0058-294	S16		0 58 42.43	1 1 6.52	20.4				1.62	C IV 1549		765 2187					
O			-29 24 6.8	-29 7 58.6								2187					
0058-267			0 58 43.4	1 1 8.52	19.3				2.84	H I 1216		765 765				pos & B(J)mag,	
O			-26 43 29.4	-26 27 21.2						N V 1240						2274	
0058+023			0 58 45.6	1 1 20.10	17.7				0.929			2216 2216					
O			2 18 22	2 34 29.9								2274 2274					
0058-024			0 58 49.8	1 1 22.86	18.2				1.691			2216 2216					
O			-2 28 56	-2 12 48.2								2274 2274					
0058-341	MD4:9		0 58 50.02	1 1 12.12	21.1				2.18	H I 1216		1948 1948				1948phot mag	
O			-34 8 26.1	-33 52 18.0													
0058+013			0 58 54.6	1 1 28.82	17.6				1.432			2216 2216					
O			1 21 37	1 37 44.7								2274 2274					
0058-270			0 58 57.64	1 1 22.59	19.5				1.889*	N V 1240 1.87		765 1400			1400	BAL?	
O			-27 5 42.6	-26 49 34.7						Si IV 1397 1.83		765			2228	pos & B(J)mag,	
										C IV 1549 1.80						2274	
										C III 1909							
0058+020			0 58 59.7	1 1 34.14	18.5				0.599			2210 2216					
O			2 5 47	2 21 54.6								2216 2210					
0059-287	S89		0 59 1.67	1 1 25.96	18.70				3.72	H I 1216		2187 2187				2187m(or)	
C			-28 45 44.0	-28 29 36.2						N V 1240							
										C IV 1549							
0059+017			0 59 2.2	1 1 36.55	18.0				1.143			2216 2216					
O			1 47 4	2 3 11.6								2274 2274					
0059-304	S26		0 59 6.62	1 1 30.23	19.1				2.15	H I 1216		1948 1948				1948phot mag	
O	MD1:152		-30 25 50.0	-30 9 42.3						C IV 1549		2187 2187					
0059-274	CT 298		0 59 8.23	1 1 33.00	18.8				0.187	Mg II 2798		1324 1436					
C			-27 29 3.0	-27 12 55.3						H I 4102		2202					
										H I 4340							
										H I 4861							
										O III 4959							
										O III 5007							
0059-021			0 59 9.1	1 1 42.26	18.4				2.290			2216 2216					
O			-2 7 59	-1 51 51.5								2274 2274					
0059-288	S01		0 59 10.57	1 1 34.79	18.06				0.62			2187 2187				2187m(or)	
C			-28 53 36.9	-28 37 29.2													
0059-372	MD4:10		0 59 11.85	1 1 32.44	19.5				2.20	H I 1216		1289 1289					
O	MD6:128		-37 16 39.8	-37 0 32.1						C IV 1549		1948 1948					
0059-416	MD6:129		0 59 11.96	1 1 30.33	20.0				2.33	H I 1216		1948 1948				1948phot mag	
O			-41 39 5.3	-41 22 57.6						C IV 1549							
0059-288	MD1:153		0 59 12.21	1 1 36.46	19.3				2.00	H I 1216		1948 1948				1948phot mag	
O			-28 48 43.5	-28 32 35.9						C IV 1549							
0059-368	MD4:11		0 59 13.10	1 1 33.88	20.3				1.44	C IV 1549		1948 1948				1948phot mag	
O			-36 52 40.8	-36 36 33.1						C III 1909							
0059-420	MD6:130		0 59 13.27	1 1 31.42	19.5				2.20	H I 1216		1948 1948				1948phot mag	
O			-42 2 57.5	-41 46 49.8													
0059-254			0 59 14.9	1 1 40.44	17.6				0.454+			2274 2274					
O			-25 25 6	-25 8 58.5													

TABLE 1—Continued

		OTHER	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION	Z(ABS)	REFERENCES				NOTES	
		NAMES	DEC (1950)		DEC (2000)						LINES		ID	Z	VAR	R	ABS	
0059-297	MD1:154		0 59 15.59	1 1 39.46	20.1					2.21	H I 1216		765 765					
O			-29 43 49.1	-29 27 41.5							N V 1240		1409 1948					
													1948					
0059+000			0 59 17.3	1 1 51.13	18.6					0.323			2216 2216					
O			0 4 21	0 20 28.3									2274 2274					
0059-335	MD4:12		0 59 18.14	1 1 40.41	18.1					1.47	C IV 1549		1948 1948					1948phot mag
O			-33 33 20.7	-33 17 13.1							C III 1909							
0059-414	MD6:131		0 59 20.88	1 1 39.32	20.1					2.16	H I 1216		1948 1948					1948phot mag
O			-41 27 8.0	-41 11 0.4														
0059-257			0 59 21.4	1 1 46.79	18.5					1.955			2274 2274					
O			-25 45 59	-25 29 51.6														
0059-264	MD1:155		0 59 27.81	1 1 52.94	18.93					-0.84	2.109+	H I 1216	765 1400				1400	1203ubv
O			-26 25 5.9	-26 8 58.6								N V 1240	1948 765					
												C IV 1549	1948					
												C III 1909						
0059-340	MD4:13		0 59 30.39	1 1 52.39	19.8					1.99	H I 1216		1948 1948					1948phot mag
O			-34 4 56.2	-33 48 48.9							C IV 1549							
0059-361			0 59 31.2	1 1 52.28	18.3			.20		0.901			1650 1650					near NGC 300, 1650
O			-36 6 9	-35 50 1.7														
0059-021			0 59 32.4	1 2 5.56	18.0					1.321+			2216 2216					2216BAL
O			-2 6 46	-1 50 39.0									2274 2274					
0059-345	MD4:14		0 59 35.34	1 1 57.13	18.5					0.427	Mg II 2798		1489 1489					190arcsec from
O			-34 30 11.0	-34 14 3.8							O II 3727		1948					QSO 0059-3433,
											H I 4102							1489; z in 1948
											H I 4340							differs (1.09)
											H I 4861							
0059-370			0 59 35.9	1 1 56.54	17.5					2.21	H I 1216		1289 1289					
O			-37 0 2	-36 43 54.7							N V 1240							
											Si IV 1397							
											O IV 1402							
											C IV 1549							
0059-345			0 59 35.9	1 1 57.67	19.5					1.623	C IV 1549		1489 1489					190arcsec from
O			-34 33 25	-34 17 17.8							C III 1909							QSO0059-3430,
											Mg II 2798							1489
0059-305	MD1:156		0 59 37.12	1 2 0.59	17.1					1.033	C III 1909		1948 1948					1948phot mag
O			-30 34 32.0	-30 18 24.8									2186					
0059-411	MD6:132		0 59 40.79	1 1 59.31	18.1					1.96	H I 1216		1948 1948					1948phot mag
O			-41 9 57.1	-40 53 49.9							C IV 1549							
0059-411			0 59 42.0	1 2 0.51	18.0					1.96	H I 1216		1431 1431					
O			-41 10 0	-40 53 52.8							N V 1240							
											C IV 1549							
0059-266			0 59 48.7	1 2 13.69	18.2					0.220			2274 2274					
O			-26 39 55	-26 23 48.1														
0059-298	MD1:157		0 59 49.20	1 2 12.95	19.2					2.13	H I 1216		1948 1948					1948phot mag
O			-29 48 16.6	-29 32 9.7							C IV 1549							
0059-297	CT 309		0 59 50.19	1 2 13.95	18.30					1.076	C III 1909		1324 2202					
C			-29 46 18.7	-29 30 11.8							Mg II 2798		2203 2274					
													2274					
0059-304	S78		0 59 51.14	1 2 14.65	19.17					(3.24)	H I 1216		2187 2187					2187m(or)
C			-30 24 0.0	-30 7 53.1							N V 1240							
											C IV 1549							
0059-275	MD1:158		0 59 52.41	1 2 17.03	17					1.595*	Si IV 1397		1755 1755				2263	1755BAL
O			-27 35 55.9	-27 19 49.0							O IV 1402		1948 1948					1.572 broad
											C IV 1549		2186					absz; 1.582
											Mg II 2798							narrow absz;
																		some abs from
																		highly excited
																		levels of Fe,
																		1755

TABLE 1—Continued

OTHER NAMES		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
0059+005 O		0 59 53.5 0 35 31		1 2 27.49 0 51 37.6		18.5			2.545			2216 2216 2274 2274				
0059-296 O	MD1:159	0 59 53.84 -29 40 31.4		1 2 17.63 -29 24 24.6		20.0			2.13	H I 1216 C IV 1549		1948 1948				1948phot mag
0059-284 O	MD1:161	0 59 57.09 -28 24 41.9		1 2 21.38 -28 8 35.1		20.7			2.97	H I 1216 C IV 1549		1948 1948				1948phot mag
0059-269 O	MD1:160	0 59 57.14 -26 57 54.1		1 2 22.00 -26 41 47.3		18.9			2.266+	H I 1216 N V 1240 C IV 1549		765 1400 1948 765 1948			1400	
0100-280 O	MD1:162 S32	1 0 2.19 -28 4 14.0		1 2 26.60 -27 48 7.3		19.7			2.26	H I 1216 N V 1240 C IV 1549		765 765 1948 1948 2187 2187				2187m(or)
0100-345 O		1 0 4.7 -34 30 53		1 2 26.39 -34 14 46.3					2.04	H I 1216 C IV 1549		1289 1289				
0100-368 O	MD4:15	1 0 7.40 -36 48 13.2		1 2 28.02 -36 32 6.6		18.2			1.396	C IV 1549 C III 1909 Mg II 2798		1247 1247 1289 1289 1948 1948				
0100-334 O		1 0 8.5 -33 26 9		1 2 30.66 -33 10 2.4					2.26	1549 1216		1289 1289				
0100-366 O	MD4:16	1 0 9.39 -36 39 56.7		1 2 30.07 -36 23 50.1		19.5			2.84	H I 1216		1948 1948				1948phot mag
0100-291 O	MD1:163	1 0 15.86 -29 10 19.9		1 2 39.80 -28 54 13.5		19.2			2.36	H I 1216 N V 1240 C IV 1549		765 765 1948 1948				pos & B(J)mag, 2274
0100-366 O		1 0 18.3 -36 36 53		1 2 38.97 -36 20 46.6					0.80	C III 1909 Mg II 2798		1289 1289				
0100-283 C	S47	1 0 25.27 -28 21 31.7		1 2 49.51 -28 5 25.5		18.72			2.64	H I 1216 N V 1240 C IV 1549		2187 2187				2187m(or)
0100-427 O	MD6:133	1 0 25.70 -42 44 6.4		1 2 43.16 -42 28 0.1		20.1			2.03	H I 1216		1948 1948				1948phot mag
0100-281 C		1 0 27.50 -28 9 8.2		1 2 51.82 -27 53 2.0		17.54			1.768			2186 2186 2274 2274				
0100+108 R	MC 2	1 0 27.6 10 50 40		1 3 4.82 11 6 45.8		18			0.144	O II 3727 H I 4861 O III 4959 O III 5007		019			1111 1171	
0100-362 O	MD4:17	1 0 27.81 -36 12 48.1		1 2 48.64 -35 56 41.9		20.4			1.31	C IV 1549 C III 1909		1948 1948				1948phot mag
0100-407 O	MD6:134	1 0 28.63 -40 45 39.4		1 2 47.17 -40 29 33.1		20.3			2.03	H I 1216		1948 1948				1948phot magne
0100-385 O	MD6:135	1 0 29.37 -38 31 4.7		1 2 49.07 -38 14 58.5		20.7			1.87	H I 1216		1948 1948				1948phot mag
0100-190 O	UM 668	1 0 29.8 -19 1 31		1 2 57.48 -18 45 24.9		18.8			1.97	H I 1216 N V 1240 C IV 1549		1025 1025				
0100-346 O		1 0 30.6 -34 41 23		1 2 52.13 -34 25 16.8					0.80	C III 1909 Mg II 2798		1289 1289				
0100+024 O		1 0 30.9 2 28 6		1 3 5.48 2 44 11.8		18.4			1.543			2216 2216 2274 2274				
0100-270 R	PKS CT 316 MD1:164	1 0 31.70 -27 2 42.0		1 2 56.44 -26 46 35.9		17.5			1.597	C IV 1549 He II 1640 C III 1909		296 493 1948 399 1400 1436 1948 2202				761,1304sp, 1324fc, 1966rnd

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES	
0100-291	MD1:165	O	1 0 32.60 -29 9 20.6	1 2 56.50 -28 53 14.5	19.1					1.78	H I 1216 C IV 1549 He II 1640		765 1948 1948					z in 765 differs 3.80 arcmin from QSO 010015.86 -291018.5, 1948
0100-281	MD1:166	O	1 0 32.97 -28 9 45.4	1 2 57.27 -27 53 39.3	19.3					1.801	H I 1216 C IV 1549		765 1400 1409 1948 1948					
0100-292	S50	C	1 0 33.14 -29 12 47.6	1 2 57.02 -28 56 41.5	20.04					2.76	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
0100-261		O	1 0 33.17 -26 10 32.9	1 2 58.25 -25 54 26.8	18.70				-.98	2.54			1400					1203ubv
0100+130	PHL 957	C	1 0 33.39 13 0 10.6	1 3 11.32 13 16 16.3	16.57	.40	-.28	2.686*	O VI 1034 2.6631 H I 1216 2.6194 N V 1240 2.5511 Si IV 1397 2.5432 C IV 1549 2.3096 C III 1909 2.2989 2.2793 2.2256 2.2062 2.1078 2.0718 1.9474 1.9396 1.9290 1.7972 1.7193		041 030 1000 2251 2281				552 029,041ubv, 674 705,1202pol, 1000 850,853, 1208 921rnd,799, 1509 921,950,992, 1550 1092,1319, 1551 1617ir,873xnd, 1637 041,042,043, 2082 562,582,911, 2168 986sp,921phot, 2228 1941uv 2263 Ly alpha abs, 562;damped Ly alpha,z=2.3096			
0100+017		O	1 0 34.0 1 46 14	1 3 8.36 2 2 19.8	18.5					1.909			2216 2216 2274 2274					
0100-379	MD6:136	O	1 0 34.51 -37 59 19.6	1 2 54.46 -37 43 13.5	19.8					1.69	C IV 1549 C III 1909		1948 1948					1948phot mag
0100-276		O	1 0 35.33 -27 39 49.3	1 2 59.82 -27 23 43.3						1.418	C IV 1549 C III 1909		766 1400 765					765fc
0100-399	MD6:137	O	1 0 37.50 -39 55 3.3	1 2 56.45 -39 38 57.2	18.9					2.50	H I 1216 N V 1240 C IV 1549		1431 1431 1948 1948					
0100-288	MD1:167	O	1 0 37.93 -28 48 30.8	1 3 1.96 -28 32 24.8	18.3					2.66	H I 1216 Si IV 1397 O IV 1402		1948 1948					1948phot mag
0100+020	UM 301	O	1 0 38.5 2 5 5	1 3 12.96 2 21 10.7	17.7 *					0.394	Mg II 2798 O III 5007		465 1700 1025	752				1700,2145imag, 1042pos
0100-310	MD1:168	O	1 0 39.71 -31 5 41.9	1 3 2.79 -30 49 35.9	18.2					2.641	H I 1216		1948 1948 LBQS					1948phot mag
0100-335		O	1 0 41.7 -33 30 20	1 3 3.73 -33 14 14.0						1.42	C IV 1549 C III 1909		1289 1289					
0100-283	S88	C	1 0 42.37 -28 19 20.3	1 3 6.58 -28 3 14.4	20.00					3.70	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
0100-357	MD4:18	O	1 0 43.94 -35 44 36.7	1 3 4.94 -35 28 30.8	20.4					2.02	H I 1216		1948 1948					1948phot mag
0100-351		O	1 0 46.3 -35 6 22	1 3 7.59 -34 50 16.1	19.0					1.413	C III 1909 Mg II 2798		1489 1489					10 arcsec from anon gal,1489, 2118
0100-423	B16.09		1 0 47.3 -42 20 3	1 3 4.90 -42 3 57.1	17.7					2.33			2277 2277					
0100-423	MD6:138	O	1 0 47.44 -42 20 9.5	1 3 5.03 -42 4 3.6	18.0					1.88	H I 1216 C IV 1549		1948 1948					1948phot mag

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS					NOTES
0100+011			1 0 49.7	1 3 23.85	18.5					1.405			2216 2216					
O			1 6 7	1 22 12.5									2274 2274					
0100-289		CT 323	1 0 50.81	1 3 14.75	18.9					1.226+	C IV 1549		1324 1436				2202BAL	
C			-28 57 27.8	-28 41 22.1							He II 1640 C III 1909 Mg II 2798		2202					
0100-338			1 0 51.2	1 3 13.05	19.9					2.26	H I 1216		1289 1289					
O			-33 50 29	-33 34 23.2							C IV 1549							
0100-760		PKS	1 0 55.27	1 2 18.32	17.9					(1.015)	Mg II 2798		494 1304		1966		761sp,	
R			-76 2 56.1	-75 46 49.7									493			1526vlbi		
0100+004			1 0 55.5	1 3 29.44	19.0					1.436			2274 2274					
O			0 24 49	0 40 54.4														
0100+099		PHL 964	1 0 56.57	1 3 33.51	18.18	.02	-.63			0.465	Mg II 2798		030				040ubv,853rnd,	
C		PKS	9 54 29.1	10 10 34.4							NeIII 3869 H I 4102 H I 4340		040			1420sp,		
0101-292		MD1:169	1 1 0.41	1 3 24.18	19.9					1.95	H I 1216		765 1948				z in 765	
O			-29 17 53.3	-29 1 47.7							C IV 1549		1948			differs		
0101-422			1 1 1.4	1 3 18.97	17.5					1.90	H I 1216		1431 1431					
O			-42 16 54	-42 0 48.3							N V 1240 C IV 1549							
0101-271			1 1 1.8	1 3 26.43	18.6					0.558			2274 2274					
O			-27 8 50	-26 52 44.5														
0101-365		MD4:19	1 1 4.02	1 3 24.59	20.5					2.10	H I 1216		1948 1948				1948phot mag	
O			-36 30 5.4	-36 13 59.9														
0101-299		S03	1 1 4.08	1 3 27.56	18.66					0.76			2187 2187				2187m(or)	
C			-29 58 52.7	-29 42 47.2														
0101-258		MD1:170	1 1 8.17	1 3 33.31	18.4					1.973	H I 1216		1948 1948				1948phot mag	
O			-25 48 29.5	-25 32 24.1							Si IV 1397 O IV 1402 C IV 1549		LBQS					
0101+001			1 1 8.9	1 3 42.76	17.4					0.395			2216 2216					
O			0 9 32	0 25 37.1									2274 2274					
0101-304		S92	1 1 14.11	1 3 37.38	20.1					4.073	O VI 1034		1823 1823				1879ir,2014sp,	
C			-30 25 4.2	-30 8 58.9							H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		2187 2187			2014fc		
0101-363		MD4:20	1 1 15.22	1 3 35.82	20.3					2.18	H I 1216		1948 1948				1948phot mag	
O			-36 22 1.3	-36 5 56.0														
0101-268			1 1 15.8	1 3 40.50	19.4					(3.5)			1482 1482					
O			-26 53 27.5	-26 37 22.3														
0101-292		MD1:171	1 1 18.30	1 3 42.04	19.4					2.38	LYB 1026		1948 1948				1948phot mag	
O			-29 15 40.9	-28 59 35.7							O VI 1034 H I 1216 C IV 1549							
0101-365		MD4:21	1 1 19.79	1 3 40.29	20.7					1.96	H I 1216		1948 1948				1948phot mag	
O			-36 31 54.0	-36 15 48.8													3.69 arcmin from 010104.02 -363005.4,1948	
0101-360		MD4:22	1 1 20.78	1 3 41.52	18.0					1.57	C IV 1549		1948 1948				1948phot mag	
O			-36 2 22.3	-35 46 17.1														
0101-339			1 1 21.9	1 3 43.62	19.2					2.26	H I 1216		1289 1289					
O			-33 55 28	-33 39 22.8							C IV 1549							
0101-261		MD1:172	1 1 23.86	1 3 48.82	17.9					1.95	H I 1216		1948 1948				1948phot mag	
O			-26 11 2.7	-25 54 57.6														

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0101-399 O	MD6:139	1 1 31.45 -39 58 35.9	1 3 50.16 -39 42 30.9	19.0				1.12			C III 1909		1948 1948				1948phot mag	
0101-304 O		1 1 32.10 -30 25 53.5	1 3 55.32 -30 9 48.6	19				3.150*			H I 1216 C IV 1549	3.1363 2.907 1.2560	911 1874 2186 911 1400			911 1874 2228 2263	Ly limit abs, z=2.907,1874	
0101-014 O		1 1 37.3 -1 24 53	1 4 10.66 -1 8 48.4	18.8				0.211					2274 2274					
0101-299 O		1 1 40.1 -29 59 52.2	1 4 3.48 -29 43 47.4	20.1				1.33			C IV 1549 C III 1909		765 765					
0101-025 R	PKS	1 1 44.2 -2 31 44.5	1 4 17.21 -2 15 40.0	19.1				2.05					1300 1300			1300 1527 2162	pos & B(J)mag, 2274	
0101-324 O		1 1 44.2 -32 27 27	1 4 6.51 -32 11 22.3	19.0				1.60			Si IV 1397 O IV 1402 C IV 1549 C III 1909		1289 1289					
0101-428 O	MD6:140	1 1 47.30 -42 51 36.9	1 4 4.34 -42 35 32.1	19.7				1.41			C IV 1549		1948 1948				1948phot mag	
0101-414 O	MD6:141	1 1 47.30 -41 29 56.3	1 4 5.12 -41 13 51.6	20.1				2.06			H I 1216		1948 1948				1948phot mag	
0101-384 O	MD6:142	1 1 50.54 -38 26 18.1	1 4 9.98 -38 10 13.4	20.0				2.11			H I 1216		1948 1948				1948phot mag	
0101-353 O		1 1 53.1 -35 21 17	1 4 14.05 -35 5 12.4	17.3				2.20			H I 1216 C IV 1549		1289 1289				3.8arcmin from NGC 365,2118	
0101-337 O		1 1 57.1 -33 47 5	1 4 18.77 -33 31 0.5					2.21			H I 1216 C IV 1549		1289 1289					
0101-015 O		1 1 57.2 -1 30 35	1 4 30.53 -1 14 30.8	18.5				1.156					2216 2216 2274 2274					
0102-265 C	S11	1 2 0.61 -26 31 3.3	1 4 25.35 -26 14 59.0	18.66				1.24					2187 2187				2187m(or)	
0102-277 C	S22	1 2 3.75 -27 42 31.0	1 4 28.01 -27 26 26.7	19.59				1.85			C IV 1549		2187 2187				2187m(or)	
0102-285 C	S46	1 2 4.73 -28 35 34.3	1 4 28.63 -28 19 30.0	18.57				2.63			H I 1216 N V 1240 C IV 1549		2187 2187				2187m(or)	
0102-336 O	MD4:23	1 2 6.42 -33 36 19.6	1 4 28.14 -33 20 15.3	19.0				2.21			H I 1216 C IV 1549		1289 1289 1948 1948					
0102-373 O	MD4:24 MD6:143	1 2 15.63 -37 19 32.7	1 4 35.55 -37 3 28.6	19.1				1.93			H I 1216 O IV 1402		1948 1948				1948phot mag	
0102-272 C	CT 336	1 2 16.53 -27 13 11.7	1 4 40.95 -26 57 7.7	17.8				0.780			C II 2326 Mg II 2798		1324 1436 2202					
0102-323 O	MD4:25	1 2 17.43 -32 19 22.5	1 4 39.70 -32 3 18.4	20.3				2.53			H I 1216		1948 1948				1948phot mag	
0102-335 O R		1 2 17.5 -33 30 55	1 4 39.23 -33 14 50.9	19.3				0.38			Mg II 2798 O II 3727		1289 1289			1966		
0102-338 O	MD4:26	1 2 17.91 -33 52 14.6	1 4 39.48 -33 36 10.5	20.3				0.35			Mg II 2798 O II 3727		1289 1289 1948				z in 1948 differs (2.17)	
0102-426 O		1 2 18.1 -42 38 10	1 4 35.14 -42 22 5.9	18.0				2.33 +			H I 1216 N V 1240 C IV 1549		1431 1431			1431		
0102-017 O		1 2 20.9 -1 47 35	1 4 54.14 -1 31 31.3	17.4				0.571					2216 2216 2274 2274				2216uvem	
0102-026 O		1 2 21.2 -2 40 11	1 4 54.16 -2 24 7.3	18.6				1.843					2216 2216 2274 2274					

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC			DEC									ID	Z	VAR	R	
0102-345 O	MD4:27	1 2 22.75 -34 30 51.2	1 4 44.00 -34 14 47.2	19.5				2.31			H I 1216 Si IV 1397 O IV 1402 C IV 1549	1289 1289 1948					z in 1948 differs (1.67)	
0102-401 O	MD6:144	1 2 24.39 -40 9 9.3	1 4 42.80 -39 53 5.3	19.7				1.57			C III 1909	1948 1948					1948phot mag	
0102-301 O	S43 MD1:173	1 2 29.02 -30 9 15.5	1 4 52.20 -29 53 11.7	19.5				2.55			H I 1216 Si IV 1397 O IV 1402	1948 1948 2187 2187					1948phot mag	
0102-371 O	MD4:28	1 2 33.02 -37 10 59.3	1 4 52.95 -36 54 55.5	19.2				2.56			H I 1216 O IV 1402	1948 1948					1948phot mag	
0102-011 O		1 2 34.7 -1 6 45	1 5 8.15 -0 50 41.6	17.8				1.588				2216 2216 2274 2274						
0102+006 O		1 2 35.3 0 36 55	1 5 9.31 0 52 58.4	18.4				0.649				2216 2216 2274 2274						
0102+026 O		1 2 35.5 2 41 3	1 5 10.17 2 57 6.4	18.6				1.509				2216 2216 2274 2274						
0102-375 O	MD4:29	1 2 37.36 -37 32 12.7	1 4 57.09 -37 16 9.0	19.0				0.38			Mg II 2798 O II 3727	1289 1289 1948					z in 1948 differs (1.52)	
0102-293 C	S40	1 2 39.28 -29 22 19.7	1 5 2.76 -29 6 16.1	18.62				2.44			H I 1216 N V 1240 C IV 1549	2187 2187					2187m(or)	
0102-389 O		1 2 40.5 -38 58 38	1 4 59.48 -38 42 34.3	19.4				1.54			C IV 1549 C III 1909	478 478					846rnd	
0102-301 C	CT 338	1 2 42.89 -30 11 59.6	1 5 6.01 -29 55 56.1	18.9				0.838			C III 1909 Mg II 2798	1324 2202						
0102-022 O		1 2 44.0 -2 14 31	1 5 17.09 -1 58 27.7	18.6				1.979				2216 2216 2274 2274						
0102-259 O	MD1:174	1 2 47.43 -25 59 7.7	1 5 12.28 -25 43 4.3	19.9				2.01			H I 1216 C IV 1549	1948 1948					1948phot mag	
0102-190 O	UM 669	1 2 49.7 -19 2 18	1 5 17.16 -18 46 14.7	18.3				3.037*			H I 1216 2.9724 N V 1240 2.9277 C IV 1549 2.8438 2.3683 1.0262	1025 1025 1874 2281					1025 1025,1208BAL 1208 Ly limit abs, 1874 z=2.940,1874; 2228 prob damped Ly 2263 alpha,z=2.37; poss damped Ly alpha,z= 2.92,1874; damped Ly alpha,2243	
0102-340 O		1 2 51.5 -34 4 42	1 5 12.87 -33 48 38.6	18.7				1.53			Si II 1307 C IV 1549 C III 1909	1289 1289 1400						
0102-414 O	MD6:145	1 2 52.37 -41 25 14.0	1 5 9.96 -41 9 10.5	19.5				2.08			H I 1216 C IV 1549 He II 1640	1948 1948					1948phot mag	
0102-290 C		1 2 53.51 -29 3 29.7	1 5 17.09 -28 47 26.4	18.64				1.54				2187 2187					2187m(or)	
0102-295 O	MD1:175	1 2 54.56 -29 31 13.0	1 5 17.94 -29 15 9.7	19.9				2.22			H I 1216 C IV 1549	1948 1948					1948phot mag	
0102-265 O		1 2 56.70 -26 34 15.9	1 5 21.29 -26 18 12.7	18.2				1.227			C IV 1549 C III 1909	765 1400						
0102-296 O	MD1:176 S52	1 2 57.28 -29 41 2.6	1 5 20.58 -29 24 59.4	19.7				2.82			H I 1216 N V 1240	765 765 1948 1948 2187 2187						



TABLE 1—*Continued*

OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
	DEC	(1950)		DEC	(2000)								ID	Z	VAR	R	ABS	
0102-349 O	1 2 59.2 -34 54 35			1 5 20.15 -34 38 31.7			19.5			1.97	H I 1216 N V 1240 Si II 1307 Si IV 1397 O IV 1402 C IV 1549		1289	1289				
0103-263 S69 C	1 3 1.91 -26 18 31.1			1 5 26.59 -26 2 28.0			19.98			3.07	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0103-290 O	1 3 2.4 -29 5 51.4			1 5 25.94 -28 49 48.3			19.8			2.23	H I 1216 N V 1240		765	765				pos & B(J)mag, 2274
0103-301 S73 C	1 3 3.26 -30 8 8.1			1 5 26.35 -29 52 5.0			19.56			3.12	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0103-276 MD1:177 O	1 3 3.27 -27 38 38.1			1 5 27.41 -27 22 35.0			19.4			1.97	H I 1216 N V 1240 C IV 1549		765 1948	765 1948				
0103+025 O	1 3 3.3 2 34 56			1 5 37.94 2 50 58.8			18.0			1.700			2216 2274	2216 2274				
0103-016 O	1 3 7.0 -1 41 0			1 5 40.27 -1 24 57.2			18.5			2.206			2216 2274	2216 2274				
0103-271 O	1 3 7.8 -27 7 36.7			1 5 32.14 -26 51 33.7			19.0			2.18	H I 1216 N V 1240 C IV 1549		765	765				
0103+004 O	1 3 9.6 0 24 1			1 5 43.54 0 40 3.7			17.4			1.075			2216 2274	2216 2274				
0103-405 MD6:146 O	1 3 10.31 -40 32 41.0			1 5 28.32 -40 16 37.9			20.0			2.18	H I 1216		1948	1948				1948phot mag
0103-278 MD1:178 O	1 3 10.70 -27 52 58.5			1 5 34.72 -27 36 55.5			18.0			0.848	Mg II 2798		1948	1948 LBQS				1948phot mag
0103-294 MD1:179 O	1 3 11.33 -29 25 19.2			1 5 34.71 -29 9 16.2			19.4			2.18 *	H I 1216 N V 1240 C IV 1549	2.06	765 1409 1948	765 1948			765 2263	
0103-408 MD6:147 O	1 3 13.92 -40 52 24.3			1 5 31.73 -40 36 21.3			20.1			2.12	H I 1216 C IV 1549		1948	1948				1948phot mag
0103-294 MD1:180 O R	1 3 14.87 -29 27 9.4			1 5 38.23 -29 11 6.5			19.7			2.16	H I 1216 N V 1240 C IV 1549		765 1409 1948	765 1948		765		2.01 arcmin from QSO 010311.33 -292516.6, 1948
0103-323 O	1 3 16.1 -32 22 58			1 5 38.17 -32 6 55.1			19.0			2.30	H I 1216 Si II 1307 C IV 1549		1289	1289				
0103-395 O	1 3 17.1 -39 34 12			1 5 35.62 -39 18 9.1			18.8			(2.36)	H I 1216 N V 1240 N IV 1488 C IV 1549		478	478				846rnd
0103-382 MD6:148 O	1 3 17.52 -38 12 24.9			1 5 36.76 -37 56 22.0			19.2			1.77	C IV 1549		1948	1948				1948phot mag
0103+013 PC O	1 3 21.7 1 23 27.7			1 5 55.96 1 39 30.2			19.7			3.066			1698	1698				1698rmag
0103-283 MD1:181 O	1 3 28.27 -28 22 42.3			1 5 52.04 -28 6 39.7			19.6			1.88	H I 1216		1948	1948				1948phot mag
0103-401 MD6:149 O	1 3 28.62 -40 11 25.5			1 5 46.76 -39 55 22.8			20.2			2.15	H I 1216 C IV 1549		1948	1948				1948phot mag
0103-341 O	1 3 29.1 -34 7 36			1 5 50.32 -33 51 33.4			18.2			1.810			1289	1400				

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0103+013 O		1 3 30.4 1 23 6	1 6 4.66 1 39 8.3	18.8			0.782			2274 2274					
0103-290 C		1 3 33.01 -29 1 30.0	1 5 56.50 -28 45 27.5	18.24			2.870	H I N V C IV	1216 1240 1549	2186 2186 2274 2274					
0103-263 O		1 3 34.3 -26 22 24	1 5 58.88 -26 6 21.5	16.9			0.776			2274 2274					
0103-426 O	MD6:150	1 3 37.35 -42 38 48.8	1 5 54.04 -42 22 46.2	20.2			1.81	H I C IV	1216 1549	1948 1948					1948phot mag
0103-294 C	S71	1 3 39.52 -29 24 59.0	1 6 2.83 -29 8 56.6	19.52			3.11	H I N V C IV	1216 1240 1549	2187 2187					2187m(or)
0103-260 C	S82	1 3 39.61 -26 2 54.8	1 6 4.31 -25 46 52.4	18.45			3.36	H I N V C IV	1216 1240 1549	2187 2187					2187m(or)
0103-376 O	MD4:30 MD6:151	1 3 44.43 -37 39 30.5	1 6 3.86 -37 23 28.1	20.1			2.92	H I	1216	1948 1948					1948phot mag
0103+010 O		1 3 45.0 1 4 17	1 6 19.16 1 20 19.0	18.3			0.256			2274 2274					
0103-021 R	PKS	1 3 49.94 -2 11 41.8	1 6 23.03 -1 55 39.9	19.84			2.201	H I C IV	1216 1549	026 1302 440 1181			023 351 1527		
0103-258 O	MD1:182	1 3 50.68 -25 52 21.4	1 6 15.43 -25 36 19.3	19.8			2.51	H I	1216	1948 1948					1948phot mag
0103-393 O	MD6:152	1 3 53.49 -39 21 13.4	1 6 11.99 -39 5 11.2	19.7			2.35	H I C IV	1216 1549	1948 1948					1948phot mag
0103-292 O	MD1:183	1 3 54.46 -29 13 5.9	1 6 17.81 -28 57 3.8	18.6			2.80 +	O VI H I	1034 1216	766 911 1948 766 2186 1948			911		
0103-360 O		1 3 54.9 -36 1 1	1 6 15.13 -35 44 58.9	19.6			1.93	H I C IV	1216 1549	1289 1289					
0103-002 O		1 3 55.9 -0 14 40	1 6 29.63 0 1 21.8	18.5			1.629			2216 2216 2274 2274					
0103-278 O	MD1:184	1 3 57.24 -27 49 48.6	1 6 21.17 -27 33 46.6	18.2			1.47	C IV	1549	1948 1948					1948phot mag
0103-349 O	MD4:31	1 3 59.93 -34 56 26.2	1 6 20.67 -34 40 24.2	20.5			1.55	C IV C III	1549 1909	1948 1948					1948phot mag
0104-321 O		1 4 2.0 -32 9 21	1 6 24.04 -31 53 19.0	19.0			1.70	C IV C III	1549 1909	1289 1289					
0104-275 R	PKS MD1:185	1 4 2.1 -27 34 14.3	1 6 26.13 -27 18 12.4	18.8			2.492	H I C IV	1216 1549	765 1400 1948 1948 2186					1966rnd pos & B(J)mag, 2274
0104+000 O		1 4 2.8 0 1 12	1 6 36.62 0 17 13.6	18.3			0.910			2216 2216 2274 2274					
0104-284 C	S12	1 4 3.73 -28 29 6.0	1 6 27.37 -28 13 4.1	18.90			1.31			2187 2187					2187m(or)
0104-274 O		1 4 13.1 -27 28 58.1	1 6 37.14 -27 12 56.4	19.8			1.91	H I N V	1216 1240	765 765					

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0104+318	1E		1 4 13.20	1 6 58.76	18.72*	.09		2.027*	N V 1240	1.7546	1186	1186	1554	2263	1233,1554x,				
	X		31 53 16.7	32 9 17.8					Si IV 1397						1233ubv,				
									C IV 1549						1213rnd,				
									C III 1909						1233BAL,				
															2174varnd				
															10 arcsec from				
															anon gal,0.111				
															zgal,1186,1696				
															16.42 arcmin				
															from 3C 31				
															(NGC 383);				
															z(abs) 1.97–				
															1.92,1186,				
															1.9993–1.9765,				
															1.9523–1.9420,				
															1.7546,1.92–				
															1.75,1554; no				
															QSO abs at				
															z=0.111,1186				
0104+005			1 4 14.1	1 6 48.08	18.5			1.874			2216	2216							
	O		0 30 26	0 46 27.4							2274	2274							
0104+022	PC		1 4 15.0	1 6 49.55	19.72			4.163	O VI 1034		2014	2014			2014rmag				
	O		2 15 0	2 31 1.4					H I 1216										
									N V 1240										
									O I 1304										
									Si II 1307										
									O IV 1402										
									C IV 1549										
0104–281	CT 354		1 4 15.2	1 6 38.95	18.5			1.574	C IV 1549		765	765			2202BAL?				
	O CS 199		–28 9 57	–27 53 55.4					C III 1909			1436							
												2202							
0104–271	MD1:186		1 4 21.24	1 6 45.40	19.3			2.03	H I 1216		765	765			pos & B(J)mag,				
	O		–27 8 29.5	–26 52 28.0					N V 1240		1948	1948			2274				
0104–265			1 4 22.8	1 6 47.19	19.8			1.89	H I 1216		765	765			pos & B(J)mag,				
	O		–26 35 2.9	–26 19 1.4					N V 1240						2274				
0104–395			1 4 25.5	1 6 43.79	19.2			2.20 +	H I 1216		1431	1431			1431BAL				
	O		–39 30 29	–39 14 27.5					N V 1240										
									C IV 1549										
0104–374	MD6:153		1 4 25.97	1 6 45.37	20.0			2.00	H I 1216		1948	1948			1948phot mag				
	O		–37 25 30.8	–37 9 29.3															
0104–408	PKS		1 4 27.57	1 6 45.11	19.0			0.584	Mg II 2798		1875	1861		1861					
	R		–40 50 21.2	–40 34 19.7					H I 4861					1966					
									O III 4959										
									O III 5007										
0104–361			1 4 28.0	1 6 48.03	19.3			0.34	Mg II 2798		1289	1289							
	O		–36 10 47	–35 54 45.5					O II 3727										
0104–387	MD6:154		1 4 29.90	1 6 48.56	19.5			2.33	H I 1216		1948	1948			1948phot mag				
	O		–38 47 57.3	–38 31 55.9					C IV 1549										
0104–269	S19		1 4 39.56	1 7 3.73	19.18			1.69	C IV 1549		2187	2187			2187m(or)				
	C		–26 59 59.8	–26 43 58.7															
0104–373	MD4:32		1 4 40.15	1 6 59.53	19.8			2.09	H I 1216		1948	1948			1948phot mag				
	O		–37 22 9.1	–37 6 7.9					C IV 1549										
0104–285	MD1:187		1 4 43.11	1 7 6.64	19.2			2.26	LYB 1026		765	765							
	O		–28 30 32.2	–28 14 31.1					H I 1216		1948	1948							
									C IV 1549										
0104–291	MD1:188		1 4 50.05	1 7 13.27	19.3			2.25	H I 1216		765	765							
	O S31		–29 11 15.0	–28 55 14.1					N V 1240		1948	1948							
									C IV 1549		2187	2187							
0104–375	MD6:155		1 4 55.63	1 7 14.86	19.8			1.82	H I 1216		1948	1948			1948phot mag				
	O		–37 33 38.4	–37 17 37.5					O IV 1402										
0104–381	MD6:156		1 4 55.79	1 7 14.70	19.6			2.11	H I 1216		1431	1431							
	O		–38 9 47.5	–37 53 46.6					N V 1240		1948	1948							
									C IV 1549										

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0104-381			1 4 56.2	1 7 15.13	19.0							2.06	H I 1216		1289	1289			
	O		-38 7 7	-37 51 6.1									Si II 1307						
													C IV 1549						
0104-356	MD4:33		1 4 59.91	1 7 20.10	18.9							1.52	C IV 1549		1948	1948			1948phot mag
	O		-35 39 28.0	-35 23 27.2									C III 1909						
0105-357			1 5 0.2	1 7 20.34	19.5							2.22	H I 1216		1289	1289			
	O		-35 44 41	-35 28 40.2									Si II 1307						
													C IV 1549						
0105-426	MD6:157		1 5 1.60	1 7 17.93	19.9							2.94	H I 1216		1948	1948			1948phot mag
	O		-42 38 50.7	-42 22 49.9															
0105-005			1 5 3.4	1 7 37.02	18.1							0.737			2216	2216			
	O		-0 35 13	-0 19 12.6											2274	2274			
0105-406	MD6:158		1 5 11.40	1 7 28.88	18.6							1.18	C III 1909		1948	1948			1948phot mag
	O		-40 37 48.2	-40 21 47.6															
0105-354	MD4:34		1 5 14.42	1 7 34.68	19.1							2.12	H I 1216		1289	1289			
	O		-35 24 55.2	-35 8 54.7									Si II 1307		1948	1948			
													Si IV 1397						
													O IV 1402						
													C IV 1549						
0105-334	MD4:35		1 5 14.46	1 7 35.67	19.5							2.41	H I 1216		1948	1948			1948phot mag
	O		-33 28 35.2	-33 12 34.7									C IV 1549						
0105-338	MD4:36		1 5 15.01	1 7 36.05	18.2							1.898	H I 1216		1289	1489			1489fc
	O		-33 49 14.7	-33 33 14.2									Si II 1307		1948	1289			210arcsec from
													Si IV 1397			1948			QSO 0105-3350,
													O IV 1402						1489
													C IV 1549						
0105-268			1 5 17.8	1 7 41.96	17.7							2.463			2274	2274			
	O		-26 49 30	-26 33 29.7															
0105-391	MD6:159		1 5 18.86	1 7 37.14	18.3							2.33	H I 1216		478	1431			846rnd
	O		-39 9 25.4	-38 53 25.0									N V 1240		1431	478			
													C IV 1549		1948	1948			
0105-374	MD6:160		1 5 19.86	1 7 39.03	19.5							1.31	C IV 1549		1948	1948			1948phot mag
	O		-37 29 54.7	-37 13 54.3									C III 1909						
0105-278	S49		1 5 20.81	1 7 44.54	18.54							(2.70)	H I 1216		2187	2187			2187m(or)
	C		-27 48 59.5	-27 32 59.2									N V 1240						
													C IV 1549						
0105-284	S55		1 5 23.87	1 7 47.34	19.25							2.88	H I 1216		2187	2187			2187m(or)
	C		-28 25 16.8	-28 9 16.6									N V 1240						
													C IV 1549						
0105-389	MD6:161		1 5 27.04	1 7 45.43	19.1							1.29	C IV 1549		1948	1948			1948phot mag
	O		-38 54 54.1	-38 38 53.8									C III 1909						
0105-423	MD6:162		1 5 30.15	1 7 46.57	19.8							1.67	C IV 1549		1948	1948			1948phot mag
	O		-42 18 7.0	-42 2 6.8									C III 1909						
0105-338			1 5 31.0	1 7 51.98	19.3							2.437	C IV 1549		1489	1489			210arcsec from
	O		-33 50 21	-33 34 20.9									C III 1909						QSO 0105-3349,
																			1489
0105-344	MD4:37		1 5 35.34	1 7 56.01	20.6							2.31	H I 1216		1289	1289			
	O		-34 27 14.7	-34 11 14.7									C IV 1549		1948	1948			
0105-301	MD1:189		1 5 37.40	1 8 0.09	17.4							1.08	C III 1909		1948	1948			1948phot mag
	O		-30 6 10.6	-29 50 10.6											2187	2187			
0105-399	MD6:163		1 5 40.63	1 7 58.41	20.0							2.90	H I 1216		1948	1948			1948phot mag
	O		-39 54 5.1	-39 38 5.1															
0105+061	UM 86		1 5 46.2	1 8 22.08	17.2							1.96	* H I 1216	1.9360	444	480		1901	853rnd,901pol,
	O	PB 6277	6 7 30	6 23 29.4									Si IV 1397					2020	2020sp
													O IV 1402					2263	
													C IV 1549						
													C III 1909						

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
0105-265		1 5 48.19	1 8 12.38	17.3					3.50	* O VI 1034		1784	1622			1622BAL
O		-26 34 20.2	-26 18 20.5							H I 1216			1784			range z(abs)=
										N V 1240						3.396-3.196,
										Si IV 1397						1784
										C IV 1549						
										C III 1909						
0105-343	MD4:38	1 5 49.78	1 8 10.44	18.5					1.61	C IV 1549		1289	1289			
O		-34 22 53.7	-34 6 54.0							C III 1909		1948	1948			
0105-400	MD6:164	1 5 50.81	1 8 8.45	20.1					2.41	H I 1216		1948	1948			1948phot mag
O		-40 5 2.3	-39 49 2.5													
0105-409	MD6:165	1 5 51.26	1 8 8.42	19.9					2.21	H I 1216		478	478			846rnd
O		-40 55 15.3	-40 39 15.5							N V 1240		1948	1948			
										C IV 1549						
0105-403	MD6:166	1 5 52.19	1 8 9.67	20.6					2.48	H I 1216		1948	1948			1948phot mag
O		-40 20 49.0	-40 4 49.2													
0105-008	PKS	1 5 53.36	1 8 26.87	17.5					0.316	Mg II 2798		045	044		789	1320rpol,
R	UM 305	-0 53 22.6	-0 37 23.2							Mg V 2931			436		866	465fc,
PB 6279										Ne V 2974					1527	1630imag
										Ne V 3345						
										Ne V 3426						
										O II 3727						
0106-025		1 6 3.2	1 8 36.16	18.5					2.279			2216	2216			
O		-2 30 32	-2 14 32.8									2274	2274			
0106+013	PKS	1 6 4.48	1 8 38.74	18.39	.15	-.70	2.107	H I 1216			047	046		128		047ubv,1028,
R	4C 01.02	1 19 1.4	1 35 0.5					N V 1240				436		789		1201,1988,
X	OC 012							O IV 1402						803		2062,2089,
GC								C IV 1549						955		2103pol,831,
PB 6280								He II 1640						1266		1181sp,865pos,
								C III 1909						1557		873,955,1980x,
														1807		936,1595rvar,
														1877		1028,1789mm,
														1930		1526vlbi,
														2162		050fc,
																2161rpol
																close to gal,
																047; 3.2arcmin
																from ZWG,2118,
																superluminal
																source,2089
0106-004		1 6 7.8	1 8 41.46	18.5					1.243			2216	2216			
O		-0 26 3	-0 10 4.0									2274	2274			
0106-378		1 6 13.8	1 8 32.58	20.0					1.66	H I 1216		1289	1289			
O		-37 52 4	-37 36 4.7							C IV 1549						
										C III 1909						
0106-349	MD4:39	1 6 18.96	1 8 39.26	18.8					2.11	H I 1216		1289	1289			
O		-34 54 37.1	-34 38 38.0							Si IV 1397		1948	1948			
										O IV 1402						
										C IV 1549						
0106-012		1 6 21.6	1 8 54.99	18.1					1.669			2216	2216			
O		-1 13 47	-0 57 48.2									2274	2274			
0106-340		1 6 26.6	1 8 47.30	19.4					2.30	H I 1216		1289	1289			
O		-34 3 12	-33 47 13.0							C IV 1549						
0106-347		1 6 27.4	1 8 47.75	20.1					0.35	Mg II 2798		1289	1289			
O		-34 45 42	-34 29 43.0							O II 3727						
0106-331		1 6 30.9	1 8 52.03	19.2					2.23	H I 1216		1289	1289			
O		-33 8 32	-32 52 33.1							N V 1240						
										Si IV 1397						
										O IV 1402						
										C IV 1549						
0106-338		1 6 36.4	1 8 57.17	20.3					2.14	H I 1216		1289	1289			
O		-33 50 47	-33 34 48.2							Si IV 1397						
										O IV 1402						
										C IV 1549						

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0106+380	UT		1 6 36.7	1 9 25.81	16					0.583	Mg II 2798		1437	1437			
	R		38 0 47	38 16 45.0							H I 4340 H I 4861 O III 4959 O III 5007						
0106-273			1 6 37.2	1 9 0.95						2.300	O VI 1034		765	1400			
	O		-27 21 12	-27 5 13.3							H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909						
0106-353	MD4:40		1 6 41.91	1 9 1.92	19.1					2.12	H I 1216		1948	1948			1948phot mag
	O		-35 20 59.0	-35 5 0.3													
0106-379	MD4:41		1 6 54.94	1 9 13.54	19.0					2.20	H I 1216		1289	1289			
	O		-37 56 17.4	-37 40 19.0							C IV 1549		1948	1948			
0106-349			1 6 57.0	1 9 17.16	20.6					2.32	H I 1216		1289	1289			
	O		-34 57 22	-34 41 23.7							C IV 1549						
0106-369	MD4:42		1 6 58.00	1 9 17.12	19.8					0.37	Mg II 2798		1289	1289			z in 1948
	O		-36 57 9.9	-36 41 11.6							O II 3727		1948				differs (2.16)
0106-350	MD4:43		1 6 59.38	1 9 19.50	18.9					2.000	H I 1216		1289	1489			
	O		-35 1 15.9	-34 45 17.6							Si II 1307 C IV 1549 C III 1909		1948	1289			
0107-340			1 7 1.8	1 9 22.42	19.3					2.24	H I 1216		1289	1289			
	O		-34 0 25	-33 44 26.8							Si II 1307 Si IV 1397 O IV 1402 C IV 1549						
0107-156	NAB		1 7 3.22	1 9 31.55	17.5					0.861	C III 1909		016	016			
	C		-15 37 50	-15 21 52.0							Mg II 2798						
0107-343			1 7 8.4	1 9 28.82	20.0					0.83	C III 1909		1289	1289			
	O		-34 21 16	-34 5 17.9							Mg II 2798						
0107-346			1 7 10.1	1 9 30.39	20.6					0.38	Mg II 2798		1289	1289			
	O		-34 36 50	-34 20 52.0							O II 3727						
0107+008			1 7 13.4	1 9 47.51	19.0					0.966			2274	2274			
	O		0 51 53	1 7 50.6													
0107+003			1 7 20.56	1 9 54.50	18.5					1.966	H I 1216		2182	2182			
	O		0 22 15.0	0 38 12.5							O IV 1402 C IV 1549 C III 1909		2216	LBQS 2216			
0107-014			1 7 21.6	1 9 54.90	18.4					1.455			2274	2274			
	O		-1 28 45	-1 12 47.5													
0107-369	MD4:44		1 7 29.27	1 9 48.31	19.4					2.51	H I 1216		1948	1948			1948phot mag
	O		-36 54 16.5	-36 38 18.8													
0107-332			1 7 31.8	1 9 52.72	19.9					1.79	H I 1216		1289	1289			
	O		-33 12 2	-32 56 4.4							C IV 1549						
0107-356			1 7 32.3	1 9 51.96	20.1					2.19	H I 1216		1289	1289			4.77 arcmin
	O		-35 41 54	-35 25 56.4							C IV 1549						from NGC 415, 2118
0107-025	NGC 450		1 7 40	1 10 12.92						1.89			1410	1410			
	C	QSO 11	-2 35 0	-2 19 2.9													
0107-025	NGC 450		1 7 40	1 10 12.92						0.73			1410	1410			
	C	QSO 8	-2 35 0	-2 19 2.9													
0107-025	NGC 450		1 7 40	1 10 12.92						1.24			1410	1410			
	C	QSO 12	-2 35 0	-2 19 2.9													
0107-025	QSO 10		1 7 40.28	1 10 13.19	18.2					0.956	C III 1909		1410	1410			1553sp
	C	A	-2 35 50.0	-2 19 52.9							Mg II 2798		2182	2182			
		PB 8553									Ne V 3426 O II 3727						

TABLE 1—Continued

OTHER NAMES		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC	(1950)	DEC	(2000)							ID	Z	VAR	R	
0107-025 O		1 7 41.66 -2 32 55.1	1 10 14.59 -2 16 58.0	18.4			(0.726)	Mg II 2798		2182 2182 2216 LBQS 2216						
0107-025 C B PB 6291	QSO 9	1 7 43.37 -2 34 48.2	1 10 16.29 -2 18 51.2	17.4			0.952	C III 1909 Mg II 2798		1410 1410 2182 2182					1553sp 77 arcsec from QSO 10,A (0107-0235), 1410	
0107-331 O		1 7 45.4 -33 9 17	1 10 6.30 -32 53 19.7	20.1			2.10	H I 1216 C IV 1549		1289 1289						
0107-322 O	MD4:45	1 7 48.70 -32 16 5.1	1 10 10.02 -32 0 7.9	20.0			2.25	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1289 1289 1948 1948						
0107-005 O		1 7 50.8 -0 31 40	1 10 24.43 -0 15 43.2	18.8			1.753			2274 2274						
0107-025 O		1 7 57.25 -2 30 51.7	1 10 30.19 -2 14 55.0				1.891	C IV 1549 C III 1909		2182 2182						
0107-331 O		1 7 58.0 -33 6 6	1 10 18.89 -32 50 9.0	16.5			0.472	Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798		1289 1489 1289					2145imag	
0107-001 O		1 7 59.85 -0 7 25.8	1 10 33.62 0 8 30.8				(0.467)	Mg II 2798		2182 2182						
0108-376 O	MD4:46	1 8 2.76 -37 38 22.7	1 10 21.28 -37 22 25.8	18.4			1.88	H I 1216 N V 1240 C IV 1549		478 478 1948 1400 1948					846rnd,1289fc	
0108-340 O		1 8 4.0 -34 5 23	1 10 24.38 -33 49 26.1	19.7			2.08	H I 1216 C IV 1549		1289 1289						
0108-007 O		1 8 4.04 -0 43 38.5	1 10 37.60 -0 27 41.9				1.423	C IV 1549 C III 1909		2182 2182					gal near,2182	
0108+004 O		1 8 4.22 0 28 56.9	1 10 38.20 0 44 53.4	18.3			2.007	H I 1216 C IV 1549 C III 1909		2182 2182 2216 LBQS 2216						
0108-337 O		1 8 7.3 -33 44 48	1 10 27.84 -33 28 51.2	20.6			0.23	Mg II 2798 O II 3727		1289 1289						
0108-330 O	MD4:47	1 8 13.89 -33 0 28.0	1 10 34.78 -32 44 31.3	20.1			2.23	H I 1216 C IV 1549		1948 1948					1948phot mag	
0108-025 O		1 8 15.12 -2 31 21.7	1 10 48.05 -2 15 25.4				1.24			2182 2182						
0108-020 O		1 8 16.20 -2 4 14.2	1 10 49.29 -1 48 17.9				1.300	C IV 1549 Al III 1857 C III 1909 Mg II 2798		2182 2182						
0108+005 O		1 8 18.9 0 30 52	1 10 52.89 0 46 48.2	19.0			0.428			2274 2274						
0108-079 R	PKS	1 8 19.0 -7 57 37	1 10 50.02 -7 41 40.7	19.0			1.773	H I 1216 N V 1240 Si II 1263 O I 1304 C II 1335 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909		296 1304 1305		1518		761sp, 1526vlbi		
0108-332 O		1 8 19.6 -33 12 4	1 10 40.38 -32 56 7.5	19.3			1.71	H I 1216 C IV 1549		1289 1289						



TABLE 1—Continued

OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
	DEC (1950)			DEC (2000)									ID	Z	VAR	R	ABS	
0108-347 O	1 8 20.8 -34 43 36			1 10 40.80 -34 27 39.5			19.5			2.16	H I 1216 Si IV 1397 O IV 1402		1289	1289				
0108-353 O	1 8 21.4 -35 20 16			1 10 41.09 -35 4 19.5			19.3			0.85	C III 1909 Mg II 2798		1289	1289				
0108+389 X	1 8 27 38 58 32	E		1 11 17.07 39 14 27.7			18.6			0.323	H I 4340 H I 4861 O III 5007 H I 6563		1224	1224				
0108-344 O	1 8 29.6 -34 29 14			1 10 49.70 -34 13 17.7			19.5			0.35	Mg II 2798 O II 3727		1289	1289				
0108-144 C	1 8 36.9 -14 26 49	NAB PB 8570		1 11 5.55 -14 10 53.0			17.5			(0.641)	Mg II 2798		016	016				1188sp
0108-339 O	1 8 43.1 -33 54 23			1 11 3.45 -33 38 27.0			20.0			0.39	Mg II 2798 O II 3727		1289	1289				
0108-328 O	1 8 46.99 -32 49 59.1	MD4:48		1 11 7.87 -32 34 3.2			18.4			1.970			1289	1400				
0108-358 O	1 8 48.78 -35 51 12.9	MD4:49		1 11 8.11 -35 35 17.0			19.0			2.36	H I 1216 C IV 1549		1289	1289				
0108+001 O	1 8 50.68 0 10 51.4			1 11 24.56 0 26 46.9						1.002	Mg II 2798		2182	2182				
0108-378 O	1 8 53.32 -37 53 21.9	MD4:50		1 11 11.52 -37 37 26.1			19.1			1.54	C IV 1549		1948	1948				1948phot mag
0108-371 O	1 8 56.41 -37 6 22.4	MD4:51		1 11 15.03 -36 50 26.6			19.9			2.63	LYB 1026 H I 1216		1948	1948				1948phot mag
0108-349 O	1 8 58.25 -34 59 10.5	MD4:52		1 11 18.00 -34 43 14.8			20.8			2.13	H I 1216		1948	1948				1948phot mag
0108-334 O	1 8 58.9 -33 24 18			1 11 19.46 -33 8 22.3			19.3			2.31	H I 1216 C IV 1549		1289	1289				
0109-355 O	1 9 7.5 -35 31 23			1 11 26.94 -35 15 27.5			19.8			2.307	H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909		1489	1489				1400
0109-374 O	1 9 7.5 -37 28 21			1 11 25.88 -37 12 25.5			18.6			0.38	Mg II 2798 O II 3727		1289	1289				
0109-336 O	1 9 8.19 -33 39 19.2	MD4:53		1 11 28.59 -33 23 23.7			19.9			2.05	H I 1216 C IV 1549		1289	1289				
0109+176 R	4C 17.09 OC 115.2 PKS VR17.01.02			1 9 9.62 17 37 56.1			18			2.155*	H I 1216 C IV 1549 He II 1640 C III 1909	2.1567 1.9173 1.8199 0.8392	048	009		1170	009	873xnd,1617ir, 2266imag
0109-350 O	1 9 10.6 -35 1 2			1 11 30.29 -34 45 6.6			19.0			1.50	C IV 1549 C III 1909		1289	1289				
0109-346 O	1 9 13.69 -34 40 53.8	MD4:54		1 11 33.55 -34 24 58.4			18.5			1.34	C IV 1549 He II 1640		1948	1948				1948phot mag
0109-343 O	1 9 14.8 -34 18 48			1 11 34.85 -34 2 52.7			20.6			0.37	Mg II 2798 O II 3727		1289	1289				
0109+224 BL Lac R X	1 9 23.57 22 28 44.5	GC		1 12 5.79 22 44 39.1			16.41*	.34	-.63				667		666	955		703,1541,1988, 2062,2167pol, 856,1389phot, 955,2107, 2112x,781, 856ir,667sp 1902avg Bmag

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES	
0109+027			1 9 24.2	1 11 58.97	18.4					0.262			2274	2274				
O			2 42 52	2 58 46.8														
0109-353		MD4:55	1 9 25	1 11 44.49	17.4					2.406	H I 1216		1247	1247				z in 1948
O			-35 19 0	-35 3 4.9							N V 1240		1948					differs (1.16)
											C IV 1549							
0109+200		UT	1 9 28.9	1 12 10.14	17					0.746*	Mg II 2798	0.5346	1437	836	836	7 arcsec from		
R			20 4 24	20 20 18.5									1437		2228	anon gal, 0.534		
															2263	zgal, 2118, 2140		
																2262		
0109-353		MD4:56	1 9 30.03	1 11 49.46	20.0					2.28	H I 1216		1948	1948				1948phot mag
O			-35 23 48.9	-35 7 53.9							C IV 1549							
0109+022		UM 87	1 9 42.9	1 12 17.51	17.8					2.35	H I 1216		444	480				853rnd,
O			2 14 0	2 29 54.4							C IV 1549							1967phot
0109-346		MD4:57	1 9 49.09	1 12 8.87	19.3					2.16	H I 1216		1289	1289				
O			-34 37 24.4	-34 21 29.8							C IV 1549		1948	1948				
0109-362		MD4:58	1 9 51.11	1 12 10.00	19.9					1.43	C IV 1549		1948	1948				1948phot mag
O			-36 16 56.4	-36 1 1.8							C III 1909							
0109-349			1 9 51.7	1 12 11.31	19.8					0.34	Mg II 2798		1289	1289				
O			-34 55 31	-34 39 36.5							O II 3727							
0109-014			1 9 54.41	1 12 27.70	18.3					1.758	O IV 1402		2182	2182				2182BAL
O			-1 28 15.9	-1 12 21.8							C IV 1549		2216	LBQS				
											C III 1909			2216				
0109-327			1 9 59.0	1 12 19.69	20.6					2.22	H I 1216		1289	1289				
O			-32 46 27	-32 30 32.7							Si IV 1397							
											O IV 1402							
											C IV 1549							
0110+318		NRAO 62	1 10 3.78	1 12 50.34	18					0.603	Mg II 2798		009	009	1111	831sp,		
R		4C 31.03	31 51 23.2	32 7 16.8							O II 3727					1526vlbi,		
		OC 317														426fc		
																9.63 arcmin		
																from NGC 420,		
																2118		
0110-357		MD4:59	1 10 5.91	1 12 25.02	19.8					2.17	H I 1216		1289	1289				
O			-35 47 7.8	-35 31 13.6							Si IV 1397		1948	1948				
											O IV 1402							
											C IV 1549							
0110-346			1 10 6.8	1 12 26.52	19.3					1.71	N V 1240		1289	1289				
O			-34 37 50	-34 21 55.8							Si IV 1397							
											O IV 1402							
											C IV 1549							
											C III 1909							
0110-011			1 10 6.96	1 12 40.37	18.6					1.885	H I 1216		2182	2182				
O			-1 7 57.5	-0 52 3.6							Si IVb 1400		2210	2210				
											C IV 1549		2216	2216				
											C III 1909							
0110-019			1 10 8.14	1 12 41.25	17.3					1.098	C III 1909		2182	2182				
O			-1 57 47.8	-1 41 54.0							Mg II 2798		2216	LBQS				
														2216				
0110-337			1 10 17.6	1 12 37.74	19.8					1.64	H I 1216		1289	1289				
O			-33 45 26	-33 29 32.1							C IV 1549							
											C III 1909							
0110-356		MD4:60	1 10 21.90	1 12 41.02	19.6					2.14	H I 1216		1948	1948				1948phot mag
O			-35 40 1.8	-35 24 7.9														
0110+004			1 10 21.95	1 12 55.93						0.909			2182	2182				
O			0 28 15.4	0 44 8.9														
0110-001			1 10 28.1	1 13 1.86	17.8					1.686			2274	2274				
O			-0 9 21	0 6 32.4														
0110-002			1 10 28.18	1 13 1.90	18.4					0.967	C III 1909		2182	2182				
O			-0 15 58.0	-0 0 4.6							Mg II 2798		2216	LBQS				
														2216				

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)			DEC (2000)									ID	Z	VAR	R	ABS	
0110-358 O		1 10 28.7 -35 49 55	1 12 47.70 -35 34 1.3	19.4			2.00				H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1289 1289						
0110-030 O		1 10 35.69 -3 5 31.3	1 13 8.39 -2 49 38.1				1.234				C III 1909 Mg II 2798		2182 2182						
0110-369 O		1 10 35.8 -36 56 29	1 12 54.17 -36 40 35.4				0.74				C III 1909 Mg II 2798		1289 1289						
0110-007 O		1 10 36.9 -0 47 26.6	1 13 10.43 -0 31 33.4	18.7			0.410				Mg II 2798		2182 2182 2216 LBQS 2216						
0110+297 R	4C 29.02 CTD 9 OC 218 B2 PKS	1 10 38.62 29 42 23.4	1 13 24.23 29 58 16.2	17 *			0.363				Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4340 H I 4861 O III 5007		033 032 1201 462 774 775 1235				1202pol,831sp, 1320rpol, 1617ir, 1700imag, 203fc		
0110-369 O	MD4:61	1 10 41.72 -36 59 43.8	1 13 0.04 -36 43 50.4	19.9			1.93				O IV 1402 C IV 1549		1948 1948					1948phot mag	
0110-397 O		1 10 44.2 -39 44 46	1 13 0.91 -39 28 52.6	19.2			1.45				C IV 1549 C III 1909		478 478					846rnd	
0110+014 O		1 10 50.0 1 25 57	1 13 24.33 1 41 49.9	17.8			0.774						2274 2274						
0110-362 O	MD4:62	1 10 50.43 -36 14 10.6	1 13 9.14 -35 58 17.4	20.0			2.09				H I 1216 C IV 1549		1948 1948					1948phot mag	
0110-363 O		1 10 51.0 -36 22 4	1 13 9.64 -36 6 10.8	19.4			2.28				H I 1216 Si II 1307 Si IV 1397 O IV 1402 C IV 1549		1289 1289						
0110-333 O		1 10 53.1 -33 23 50	1 13 13.31 -33 7 56.9	19.6			1.70				C IV 1549 C III 1909		1289 1289						
0110-006 O		1 10 53.20 -0 41 55.4	1 13 26.76 -0 26 2.6				(0.934)				Mg II 2798		2182 2182						
0110+024 O		1 10 56.4 2 24 59	1 13 31.09 2 40 51.7	18.1			1.509						2274 2274						
0111-363 O	MD4:63	1 11 0.83 -36 21 38.0	1 13 19.44 -36 5 45.0	19.1			1.81				H I 1216 O IV 1402 C IV 1549		1948 1948					1948phot mag	
0111+388 X		1 11 1 38 51 25	1 13 51.57 39 7 17.2	16.7			0.234				Mg II 2798 H I 4340 H I 4861 O III 5007		1224 1224						
0111-007 O		1 11 6.01 -0 46 1.3	1 13 39.55 -0 30 8.8				0.994				C III 1909 Mg II 2798		2182 2182						
0111-324 O		1 11 10.0 -32 24 6	1 13 30.67 -32 8 13.3	19.0			0.37				Mg II 2798 O II 3727		1289 1289						
0111-333 O	MD4:64	1 11 12.32 -33 22 40.6	1 13 32.49 -33 6 47.9	20.0			2.08				H I 1216 Si II 1307 C IV 1549		1289 1289 1948					z in 1948 differs (1.48)	
0111-008 O		1 11 26.15 -0 48 41.0	1 13 59.67 -0 32 48.9				0.180				H I 4861 O III 4959 O III 5007		2182 2182						
0111-010 O		1 11 29.06 -1 3 42.8	1 14 2.49 -0 47 50.8				0.350				Mg II 2798 H I 4861		2182 2182						
0111-360 O		1 11 35.0 -36 2 25	1 13 53.67 -35 46 32.8	19.6			1.68				C IV 1549 C III 1909		1289 1289						

TABLE 1—Continued

	OTHER NAMES	RA (1950)	RA (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R	
0111-341		1 11 44.0	1 14 3.68	18.6			2.14	H I 1216		1289 1289				
O		-34 7 45	-33 51 53.0					C IV 1549						
0111-373	MD4:65	1 11 51.72	1 14 9.57	19.0			1.76	H I 1216		1289 1289				
O		-37 23 4.9	-37 7 13.0					C IV 1549		1948 1948				
0111-348		1 11 56.5	1 14 15.76	20.1			2.25	H I 1216		1289 1289				
O		-34 49 42	-34 33 50.3					C IV 1549						
0111-005		1 11 57.13	1 14 30.75				1.906	H I 1216		2182 2182				
O		-0 31 42.5	-0 15 51.1					O IV 1402						
								C IV 1549						
								C III 1909						
0111-328		1 11 59.1	1 14 19.40	18.2			1.63	C IV 1549		1289 1289				
O		-32 50 25	-32 34 33.4					C III 1909						
0112+030		1 12 0	1 14 34.91				2.810*	H I 1216	2.4234	1872		1872	prob damped Ly	
O		3 0 0	3 15 51.3					Si IV 1397	2.4224	1874		1874	alpha, z=2.4234	
								O IV 1402	1.2458			2228	1874; damped	
								C IV 1549	1.0205			2263	Ly alpha, 2243	
0112-325		1 12 5.1	1 14 25.53	19.5			0.38	Mg II 2798		1289 1289				
O		-32 33 32	-32 17 40.5					O II 3727						
0112-014		1 12 6.6	1 14 39.88	20.3			2.20	H I 1216		1439 1439			9.82 arcmin	
O		-1 26 45	-1 10 53.9					C IV 1549					from NGC 442,	
													2118	
0112-367		1 12 9.5	1 14 27.68	19.6			1.87	H I 1216		1289 1289				
O		-36 42 21	-36 26 29.6					Si II 1307						
								C IV 1549						
0112-335		1 12 15.0	1 14 34.90	18.6			0.38	Mg II 2798		1289 1289				
O		-33 31 17	-33 15 25.7					O II 3727						
0112-350		1 12 23.9	1 14 42.97	18.5			2.38	H I 1216		1289 1289				
O		-35 1 37	-34 45 45.9					Si II 1307						
								Si IV 1397						
								O IV 1402						
								C IV 1549						
0112-358		1 12 26.3	1 14 44.89	20.1			0.33	Mg II 2798		1289 1289				
O		-35 52 36	-35 36 45.0					O II 3727						
0112-360		1 12 26.4	1 14 44.92	19.3			0.39	Mg II 2798		1289 1289				
O		-36 0 23	-35 44 32.0					O II 3727						
0112-329	MD4:66	1 12 33.90	1 14 54.07	17.5			1.588			1289 1400			z in 1948	
O		-32 54 13.9	-32 38 23.1							1948			differs (1.25)	
0112-333		1 12 35.4	1 14 55.30	20.3			0.74	C III 1909		1289 1289				
O		-33 23 46	-33 7 55.2					Mg II 2798						
0112-369	MD4:67	1 12 35.61	1 14 53.54	20.1			2.55	H I 1216		1948 1948			1948phot mag	
O		-36 59 28.3	-36 43 37.5					O IV 1402						
0112-326		1 12 43.8	1 15 4.05	19.8			2.30	H I 1216		1289 1289				
O		-32 41 26	-32 25 35.4					C IV 1549						
0112-017	PKS	1 12 43.91	1 15 17.09	17.41			1.365	C IV 1549		026 436		789	912,1980x,	
R	UM 310	-1 42 54.8	-1 27 4.5					C III 1909		2182 480		803	1032,1181sp,	
X	PB 6342									748		866	1526vlbi,	
										2182		1266	465fc,1789mm	
												1976	10.6 arcmin	
													from NGC 448;	
													35.3 arcmin	
													from NGC 450;	
													1650,2118	
0112-349	MD4:68	1 12 49.45	1 15 8.48	19.4			2.55	H I 1216		1948 1948			1948phot mag	
O		-34 56 31.7	-34 40 41.2					O IV 1402						
0112-331		1 12 50.4	1 15 10.37	19.6			2.11	H I 1216		1289 1289				
O		-33 11 32	-32 55 41.5					C IV 1549						
0112-381		1 12 51.2	1 15 8.41	19.0			2.28	H I 1216		1289 1289				
O		-38 6 56	-37 51 5.5					Si II 1307						
								C IV 1549						

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0112-368	MD4:69		1 12 51.88	1 15 9.85	20.1					2.20	H I 1216		1289 1289				
O			-36 49 13.2	-36 33 22.7							C IV 1549		1948 1948				
0112-012			1 12 56.19	1 15 29.55						1.584	C IV 1549		2182 2182				
O			-1 13 14.0	-0 57 24.0							C III 1909						
0112+329	1E		1 12 59.6	1 15 47.24	18.9	.21				0.764	Mg II 2798		1269 1269				1269ubv
X			32 56 48	33 12 37.6													7.78 arcmin from NGC 447, 9.03 arcmin from NGC 449, 2118
0113+000			1 13 4.00	1 15 37.84						1.278	C IV 1549		2182 2182				
O			0 4 38.5	0 20 28.3							C III 1909						
0113-201	MC		1 13 4.56	1 15 30.58	17.3					1.22	C IV 1549		673 673				1704fc,
R			-20 7 22.2	-19 51 32.2							C III 1909 Mg II 2798 Ar IV 2854						1966rnd
0113-010			1 13 14.62	1 15 48.04						1.966	H I 1216		2182 2182				
O			-1 3 3.6	-0 47 14.0							C IV 1549 C III 1909						
0113-326			1 13 15.7	1 15 35.89	20.5					1.68	H I 1216		1289 1289				
O			-32 37 38	-32 21 48.1							C IV 1549 C III 1909						
0113-327	MD4:70		1 13 19.37	1 15 39.49	19.1					0.23	Mg II 2798		1289 1289				z in 1948
O			-32 44 32.0	-32 28 42.2							O II 3727		1948				differs (1.93)
0113-352			1 13 23.8	1 15 42.53	19.3					1.48	Si IV 1397		1289 1289				
O			-35 17 5	-35 1 15.3							O IV 1402 C IV 1549 C III 1909						
0113-333			1 13 27.9	1 15 47.65	20.5					1.91	H I 1216		1289 1289				
O			-33 23 5	-33 7 15.4							C IV 1549						
0113-327	MD4:71		1 13 30.91	1 15 50.98	20.3					2.26	H I 1216		1289 1289				3.03 arcmin
O			-32 46 21.7	-32 30 32.2							C IV 1549		1948 1948				from QSO 011319.37 -324432.0, 1948
0113-406			1 13 37.5	1 15 52.96	18.5					(2.19)+	C IV 1549		478 478			478	846rnd,478BAL
O			-40 40 10	-40 24 20.5													
0113-013			1 13 38.67	1 16 12.00						2.053	H I 1216		2182 2182				
O			-1 18 13.7	-1 2 24.7							O IV 1402 C IV 1549						
0113-009			1 13 42.16	1 16 15.60						(1.262)	C III 1909		2182 2182				
O			-0 59 24.2	-0 43 35.3													
0113-118	PKS		1 13 43.2	1 16 12.51	18.5					(0.672)	Mg II 2798		011 1304			1266 1966	761sp,1305ir, 1526vlbi, 2103pol
R			-11 52 6	-11 36 17.0													
0113-392			1 13 46.1	1 16 2.42	18.7					2.07	H I 1216		478 478				846rnd
O			-39 15 9	-38 59 19.8							N V 1240 C IV 1549						
0113-363			1 13 48.8	1 16 6.85	19.8					1.94	H I 1216		1289 1289				
O			-36 21 3	-36 5 13.9							C IV 1549						
0113-336	MD4:72		1 13 49.83	1 16 9.38	20.4					2.05	H I 1216		1289 1289				
O			-33 38 27.0	-33 22 37.9							C IV 1549		1948 1948				
0113-363			1 13 53.0	1 16 11.05	19.6					1.77	H I 1216		1289 1289				
O			-36 19 18	-36 3 29.0							Si IV 1397 O IV 1402 C IV 1549						
0113-335	MD4:73		1 13 57.16	1 16 16.72	19.5					1.46	C IV 1549		1289 1289				
O			-33 34 44.9	-33 18 56.0							C III 1909		1948 1948				

TABLE 1—Continued

OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
	DEC (1950)		DEC (2000)								ID	Z	VAR	R	ABS
0114-001 O	1 14 0.07 -0 9 22.9		1 16 33.83 0 6 25.6					1.314	C IV 1549 C III 1909		2182 2182				
0114-331 O	1 14 12.1 -33 7 40		1 16 31.86 -32 51 51.4		20.1			2.33	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1289 1289				
0114-358 O	1 14 13.2 -35 52 42		1 16 31.43 -35 36 53.4		19.9			2.26	H I 1216 C IV 1549		1289 1289				
0114-330 O	1 14 15.7 -33 1 47		1 16 35.50 -32 45 58.5		19.2			1.67	C IV 1549 C III 1909		1289 1289				
0114-352 MD4:74 O	1 14 18.33 -35 12 48.6		1 16 36.92 -34 57 0.2		19.2			1.96	H I 1216		1948 1948				1948phot mag
0114-334 O	1 14 19.3 -33 24 15		1 16 38.89 -33 8 26.6		19.8			1.53	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1289 1289				
0114-328 O	1 14 22.8 -32 53 45		1 16 42.65 -32 37 56.7		19.9			1.45	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1289 1289				
0114-332 MD4:75 O	1 14 43.49 -33 12 32.5		1 17 3.11 -32 56 44.7		19.2			1.624	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1289 1489 1948 1289 1948				142arcsec from QSO 0114-3311, 1489
0114-368 O	1 14 44.8 -36 52 21		1 17 2.35 -36 36 33.2		19.9			1.82	Si IV 1397 O IV 1402 C IV 1549		1289 1289				
0114+074 PKS R 4C 07.04 OC 025 AO GC PB 6360	1 14 49.53 7 26 30.5		1 17 26.19 7 42 17.7		18			0.861			050 049 304 294		128 1111 1775 1888 2012		1526vlbi,378, 2012fc ~30arcsec from 18m gal,1775, 2118
0114-089 UM 670 O	1 14 52.8 -8 56 56		1 17 23.19 -8 41 8.7		17.4			3.163*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	3.1055 2.6544 2.5394 2.2995	1025 1025 1872 1874 2039 2228 2263				
0114-331 MD4:76 O	1 14 53.32 -33 11 25.9		1 17 12.92 -32 55 38.3		20.5			2.181	H I 1216 C IV 1549		1289 1489 1948 1289 1948				142arcsec from QSO 0114-3312, 1489,1948
0115-358 O	1 15 1.6 -35 51 23		1 17 19.69 -35 35 35.6		19.1			1.65	C IV 1549 C III 1909		1289 1289				
0115-351 MD4:77 O	1 15 9.52 -35 8 47.2		1 17 27.99 -34 52 60.0		19.6			2.29	H I 1216 C IV 1549		1289 1289 1948 1948				
0115-371 MD4:78 O	1 15 9.80 -37 11 37.1		1 17 27.07 -36 55 49.9		19.2			1.91	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1289 1289 1948 1948				
0115-353 O	1 15 13.5 -35 19 33		1 17 31.85 -35 3 45.9		19.4			2.27	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1289 1289				
0115-376 MD4:79 O	1 15 17.14 -37 38 14.9		1 17 34.12 -37 22 27.8		17.5			1.81	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1289 1289 1948 1948				

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
0115-325 O		1 15 17.6 -32 33 39		1 17 37.47 -32 17 52.0		19.3			1.68	Si II 1307 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1289	1289			
0115-333 O		1 15 18.3 -33 20 33		1 17 37.74 -33 4 46.0		20.1			2.21	H I 1216 C IV 1549		1289	1289			
0115-350 O	MD4:80	1 15 21.53 -35 1 16.4		1 17 40.03 -34 45 29.5		19.5			1.93	H I 1216 C IV 1549		1289	1289			
0115-342 R	PKS	1 15 25.59 -34 12 52.8		1 17 44.53 -33 57 6.0		19.0			1.78	C II 1335 C IV 1549		767	767		384 767 1966	
0115-357 O		1 15 27.5 -35 42 59		1 17 45.58 -35 27 12.2		18.9			1.71	Si II 1307 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1289	1289			
0115-344 O	MD4:81	1 15 32.48 -34 25 11.6		1 17 51.28 -34 9 24.9		19.3			2.40	H I 1216 O IV 1402		1948	1948			1948phot mag
0115+027 R	4C 02.04 PKS 3C 37 OC 026 OA 57 NRAO 65 PB 6367	1 15 43.64 2 42 19.8		1 18 18.50 2 58 5.8		17.5 *			0.672	C III 1909 Mg II 2798		052	051	759	128	749pos, 1526vlbi
														436	1967	775
														1803		789
																1111
																1145
																1591
																1877
0115-011 O	UM 314 PB 6370	1 15 54.67 -1 8 25.6		1 18 28.05 -0 52 39.8		18.3			2.173	H I 1216 N V 1240 C IV 1549 C III 1909 > 14001401		465	1025		465 2182	
0116-341 O		1 16 2.2 -34 7 14		1 18 21.08 -33 51 28.0		20.6			0.31	Mg II 2798 O II 3727		1289	1289			
0116-021 O	UM 315	1 16 5.60 -2 10 7.7		1 18 38.58 -1 54 22.2		18.6			2.05	H I 1216 N V 1240 C IV 1549		465	1025		2182 465	
0116-337 O		1 16 14.0 -33 43 41		1 18 33.06 -33 27 55.3		20.0			0.36	Mg II 2798 O II 3727		1289	1289			
0116-351 O		1 16 15.4 -35 7 44		1 18 33.67 -34 51 58.4		19.1			1.63	C IV 1549 C III 1909		1289	1289			
0116-356 O	MD4:82	1 16 20.73 -35 38 42.6		1 18 38.68 -35 22 57.1		20.1			1.81	H I 1216		1948	1948			1948phot mag
0116-288		1 16 26.03 -28 51 32.9		1 18 47.63 -28 35 47.6		20	.10		0.798	Mg II 2798		1411	1411			
0116-344 O	MD4:83	1 16 28.08 -34 25 46.4		1 18 46.70 -34 10 1.1		19.6			0.84	C III 1909 Mg II 2798		1289	1289			z in 1948 differs (1.88)
0116-363 O		1 16 31.8 -36 19 59		1 18 49.31 -36 4 13.7		19.8			1.71	N V 1240 Si II 1307 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1289	1289			
0116-374 O	MD4:84	1 16 32.37 -37 29 53.6		1 18 49.17 -37 14 8.3		19.9			1.95	H I 1216 O IV 1402		1948	1948			1948phot mag
0116-219 R	PKS	1 16 32.4 -21 57 14		1 18 57.26 -21 41 28.9		19			1.161	C IV 1549 C III 1909 Mg II 2798		296	1304		1966	761sp, 1352spvar
														1305		
0116-332 O		1 16 41.6 -33 14 10		1 19 0.85 -32 58 25.0		19.9			1.87	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1289	1289			

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS					NOTES
0116-330			1 16 43.9	1 19 3.26	19.0							0.84	C III 1909 Mg II 2798		1289 1289					
O			-33 2 6	-32 46 21.1																
0116-010			1 16 49.50	1 19 22.93								1.051	AlIII 1857 C III 1909 Mg II 2798		2182 2182					
O			-1 0 3.8	-0 44 19.3																
0116-351		MD4:85	1 16 52.33	1 19 10.49	17.5							1.69	C IV 1549 C III 1909		1948 1948					1948phot mag
O			-35 6 49.6	-34 51 4.8																
0116-327			1 16 59.8	1 19 19.29	20.4							0.76	C III 1909 Mg II 2798		1289 1289					
O			-32 42 18	-32 26 33.5																
0117-373		MD4:86	1 17 7.02	1 19 23.81	19.9							2.30	H I 1216 C IV 1549		1948 1948					1948phot mag
O			-37 18 59.3	-37 3 14.9																
0117+031		NGC 470	1 17 10	1 19 45.05	18.79							1.902			1484 1484					40.5 arcmin from NGC 470; 35.55 arcmin from NGC 474, 2118
C 57			3 9 0	3 24 43.9																
0117+031		NGC 470	1 17 10	1 19 45.05	18.9							2.090+			1484 1484					1484BAL 36 arcmin from NGC 470; 31.12 arcmin from NGC 474,2118
C D8			3 9 0	3 24 43.9																
0117+031		NGC 470	1 17 10	1 19 45.05	19.4							1.609			1484 1484					36 arcmin from NGC 470; 32.22 arcmin from NGC 474,2118
C D5			3 9 0	3 24 43.9																
0117+031		NGC 470	1 17 13.0	1 19 48.04	18.2							1.533	C IV 1549 C III 1909 Mg II 2798		1299 1299 1484 1484					1.6arcmin from NGC 470; 16 arcsec from QSO 68,1299; 5.0arcmin from NGC 474,2118
C 68D			3 7 30	3 23 13.8																
0117-340			1 17 13.8	1 19 32.47	19.9							1.87	N V 1240 Si IV 1397 O IV 1402 C IV 1549		1289 1289					4.4arcmin from NGC 491A,2118
O			-34 5 57	-33 50 12.8																
0117+031		NGC 470	1 17 14.0	1 19 49.04	19.9							1.875	C IV 1549 C III 1909		1299 1299 1484 1484					1.55 arcmin from NGC 470; 16 arcsec from QSO 68D,1299; 4.4 arcmin from NGC 474, 2118
C 68			3 7 36	3 23 19.8																
0117-023			1 17 18.81	1 19 51.72								2.017	H I 1216 N V 1240 O IV 1402 C IV 1549 C III 1909		2182 2182					
O			-2 19 3.6	-2 3 19.8																
0117-180		UM 671	1 17 20.5	1 19 47.00	17.3							1.79 +	H I 1216 N V 1240 C IV 1549		1025 1025					1025,1208BAL
O			-18 3 5	-17 47 21.1																
0117-354		MD4:87	1 17 28.87	1 19 46.72	18.7							0.37	Mg II 2798 O II 3727		1289 1289 1948					z in 1948 differs (2.11)
O			-35 25 43.3	-35 9 59.4																
0117-380			1 17 29.4	1 19 45.65	18.9							2.02	H I 1216 N V 1240 C IV 1549		478 478 1289 1289					846rnd
O			-38 4 11	-37 48 27.1																
0117-370			1 17 34.3	1 19 51.14	19.3							2.26	H I 1216 N V 1240 Si II 1307 Si IV 1397 O IV 1402 C III 1909		1289 1289					
O			-37 5 27	-36 49 43.2																



TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0117+213 C X R	PG	1 17 34.7 21 18 4	1 20 17.32 21 33 47.1	16.05			1.500	C IV 1549 C III 1909		1117 1117 2251 2281			2011		1487,2112x, 1598sp, 1352spvar, 1729,2005ir, 2174varnd 5.6 arcmin from ZWG 459.034,1650, 2118
0117+001 O		1 17 38.33 0 11 20.7	1 20 12.22 0 27 3.9				(0.648)	Mg II 2798		2182 2182					
0117-356 O	MD4:88	1 17 38.99 -35 40 54.8	1 19 56.66 -35 25 11.2	19.9			0.37	Mg II 2798 O II 3727		1289 1289 1948					z in 1948 differs (2.19)
0117-400 O		1 17 39.9 -40 4 44	1 19 54.81 -39 49 0.3	19.4			2.09	H I 1216 N V 1240 C IV 1549		478 478					846rnd
0117-379 O	MD4:88	1 17 40.16 -37 54 22.9	1 19 56.47 -37 38 39.3	20.0			1.48	C IV 1549 C III 1909		1948 1948					1948phot mag
0117-374 O		1 17 40.4 -37 25 29	1 19 57.01 -37 9 45.4	19.7			1.94	H I 1216 C IV 1549		1289 1289					
0117-378 O		1 17 40.5 -37 53 12	1 19 56.82 -37 37 28.4	20.0			2.25	H I 1216 C IV 1549		1289 1289					
0117-024 O	UM 316	1 17 40.66 -2 24 48.0	1 20 13.53 -2 9 4.8	18.1			0.960	C III 1909 Mg II 2798		465 1025 2182					1042pos
0117-012 O		1 17 41.86 -1 14 22.0	1 20 15.19 -0 58 38.8				0.202	H I 4340 H I 4861 O III 5007		2182 2182					
0117-372 O	MD4:90	1 17 50.85 -37 16 6.4	1 20 7.52 -37 0 23.1	20.1			2.18	H I 1216 C IV 1549		1289 1289 1948 1948					
0118-353 O		1 18 0.9 -35 18 14	1 20 18.72 -35 2 30.9	19.4			1.95	H I 1216 Si II 1307 Si IV 1397 O IV 1402 C IV 1549		1289 1289					
0118-334 O		1 18 3.4 -33 26 10	1 20 22.29 -33 10 27.0	20.0			0.29	Mg II 2798 O II 3727		1289 1289					
0118-272 R	PKS	1 18 9.5 -27 17 7	1 20 31.64 -27 1 24.2	15.56	.37	-.67			0.559	011 2205 1441 1800 2121				2205	1485phot originally BL Lac object, 1441,1800, 2121, now QSO with z(abs) only,2205
0118-359 O		1 18 11.2 -35 56 21	1 20 28.61 -35 40 38.2	19.8			1.88	N V 1240 Si IV 1397 O IV 1402 C IV 1549		1289 1289					
0118-396 O		1 18 16.1 -39 37 52	1 20 31.17 -39 22 9.2	17.6			1.18	C III 1909 Mg II 2798		478 478					846rnd
0118-031 C	A	1 18 21.6 -3 8 2	1 20 54.17 -2 52 19.8	18.70			1.445	C IV 1549 C III 1909 Mg II 2798		1456 1456 1457 2182					
0118-348 O	MD4:91	1 18 25.80 -34 49 53.6	1 20 43.82 -34 34 11.1	19.9			1.60	C IV 1549 C III 1909		1948 1948					1948phot mag
0118-341 O		1 18 25.8 -34 10 24	1 20 44.21 -33 54 41.6	19.7			0.86	C III 1909 Mg II 2798		1289 1289					

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS					NOTES
0118+034	PKS R 4C 03.02 NRAO 68 OC 031 3C 39	1 18 26.05 3 28 32.2	1 21 1.25 3 44 14.2	18.09*	.31	-.59	0.765			C III 1909 Mg II 2798 Ne V 3426 O II 3727 NeIII 3869		050 026 759 775 1484 436 789 1484 1111 1476 1877 1888				1320rpol,059, 1967phot 8.63 arcmin from NGC 479, 23 arcmin from NGC 474,2118	
0118-377	O	1 18 26.9 -37 44 21	1 20 43.15 -37 28 38.5	19.0			0.34			Mg II 2798 O II 3727		1289 1289					
0118-018	O	1 18 38.96 -1 48 29.5	1 21 12.06 -1 32 47.7				1.909			H I 1216 SiIVb 1400 C IV 1549 C III 1909		2182 2182					
0118-031	C	1 18 39.71 -3 8 50.2	1 21 12.27 -2 53 8.4	19.94			1.165			C IV 1549 He II 1640 C III 1909 Mg II 2798		1456 1456 1457				0.4arcmin from B; 4.9 arcmin from A,1456	
0118-031	B	1 18 39.82 -3 8 26.7	1 21 12.38 -2 52 44.9	19.01			2.112*			SiIVb 1400 C IV 1549 C III 1909	2.0192 1456 1456 1.4648 1457 2182				1456 2228 2263	4.8arcmin from A,1456	
0118+003	O	1 18 54.21 0 19 8.8	1 21 28.15 0 34 50.2				0.328			Mg II 2798 O III 5007		2182 2182					
0119+115	PKS R	1 19 3.08 11 34 9.6	1 21 41.60 11 49 50.6	19			0.570			O II 3727		1984 1984				1984pol near extended companion,1984	
0119-370	O	1 19 7.6 -37 5 44	1 21 24.11 -36 50 2.6	19.2			1.32			C IV 1549 C III 1909		1289 1289					
0119-338	O	1 19 8.2 -33 51 56	1 21 26.65 -33 36 14.6	19.8			2.25			H I 1216 N V 1240 Si II 1307 C IV 1549		1289 1289					
0119-323	O	1 19 9.6 -32 22 31	1 21 28.90 -32 6 49.7	20.5			0.87			C III 1909 Mg II 2798		1289 1289					
0119-369	MD4:92 O	1 19 15.72 -36 55 55.5	1 21 32.31 -36 40 14.3	19.1			2.20			H I 1216 C IV 1549		1289 1289 1948 1948					
0119-338	O	1 19 18.3 -33 53 0	1 21 36.71 -33 37 18.9	19.8			1.61			C IV 1549 C III 1909		1289 1289					
0119-341	O	1 19 21.1 -34 9 41	1 21 39.34 -33 53 59.9	18.5			2.22			H I 1216 N V 1240 Si II 1307 Si IV 1397 O IV 1402 C IV 1549		1289 1289				9.92 arcmin from NGC 491, 2118	
0119+041	OC 033 R PKS X GC	1 19 21.40 4 6 44.0	1 21 56.87 4 22 24.6	19.5			0.637			Mg II 2798 O II 3727 H I 4861 O III 4959 O III 5007		237 443 955				831sp,955x, 1013varnd, 1521vlbi, 010fc,1789mm, 1810pos, 2103pol	
0119-334	MD4:93 O	1 19 25.16 -33 29 5.1	1 21 43.78 -33 13 24.1	19.3			1.38			C IV 1549 C III 1909		1289 1289 1948				z in 1948 differs (2.00)	
0119-009	O	1 19 27.82 -0 55 21.0	1 22 1.27 -0 39 40.5				1.941			H I 1216 SiIVb 1400 C IV 1549 C III 1909		2182 2182					
0119-286	GD 1339 TON S 210 HEAO	1 19 31.0 -28 36 42	1 21 52.27 -28 21 1.2	14.7	.19	-1.04	0.117			He 3970 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		1412 1803 1803 1413				1617ir,1773mf, 1803ubv located in a group of gals, 1773	

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS			
0119-403 O		1 19 31.3 -40 23 36	1 21 45.56 -40 7 55.1	19.1				2.31	H I 1216 N V 1240 C IV 1549		478	478				846rnd	
0119-341 O		1 19 33.8 -34 11 57	1 21 51.98 -33 56 16.2	20.6				1.47	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1289	1289				9.42 arcmin from NGC 491, 2118	
0119-351 O		1 19 35.2 -35 7 35	1 21 52.83 -34 51 54.3	19.3				2.30	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1289	1289					
0119-334 O	MD4:94	1 19 45.79 -33 25 51.8	1 22 4.38 -33 10 11.4	17.2				1.11	C III 1909		1948	1948				1948phot mag	
0119-358 O		1 19 48.3 -35 50 55	1 22 5.45 -35 35 14.6	17.8				1.74	H I 1216 C IV 1549		1289	1289					
0119-634 R	MC PKS	1 19 52.35 -63 24 43.4	1 21 40.30 -63 9 2.6	17.3				0.837	MgVII 2632 Mg II 2798 O III 3133 O III 3133 O II 3727 NeIII 3869		031	466		023 1503 1966		675fc	
0119+247 R	B2 PKS GC	1 19 54.2 24 46 52	1 22 38.74 25 2 31.6	18.5				2.025	H I 1216 Si IV 1397 O IV 1402 C IV 1549 Mg II 2798		010	443		010 1297 2162		831,1181sp, 1526vlbi, 1617ir	
0119-046 R X PB	PKS 4C 04.04 OC 034 8761	1 19 55.96 -4 37 7.2	1 22 27.91 -4 21 27.3	16.47*	.46	-.72	1.969*	H I 1216 1.9724 Si IV 1397 1.9646 C IV 1549 1.7403 He II 1640 1.6512 O III 1663 0.7199 C III 1909 0.6577	1.9724 1.9646 1.7403 1.6512 0.7199 0.6577		055	571 1485 054 1901	128 1818 1976	054 571 975 1106 1394 1510 1873 2228 2263	055,056, 1485ubv,705, 1202pol, 749pos,1005x, 077fc,1513elp, 1526vlbi, 2095imag, 2251sp Ly alpha abs, 975;1902avg ph mag;14 arcsec from anon gal, 0.133zgal,1901 2118		
0120-001 O		1 20 5.42 -0 10 9.0	1 22 39.17 0 5 30.6					0.908	C III 1909 Mg II 2798		2182	2182					
0120-358 O		1 20 9.3 -35 52 5	1 22 26.37 -35 36 25.1	19.4				0.38	Mg II 2798 O II 3727		1289	1289					
0120-341 O	MD4:95	1 20 12.70 -34 7 43.0	1 22 30.80 -33 52 3.2	19.8				2.26	H I 1216 C IV 1549		1289 1948	1289 1948					
0120-378 O	MD4:96	1 20 19.69 -37 48 36.5	1 22 35.50 -37 32 56.9	19.5				2.15	H I 1216 C IV 1549		1289 1948	1289 1948					
0120+026 O	UM 100	1 20 21.3 2 41 53	1 22 56.22 2 57 32.1	18				3.272*	H I 1216 N V 1240	0.9144	444	496			2039 2263		
0120-330 O	MD4:97	1 20 25.98 -33 2 24.5	1 22 44.68 -32 46 45.1	18.8				2.31	H I 1216 C IV 1549		1289 1948	1289 1948					
0120-002 O		1 20 28.13 -0 12 15.1	1 23 1.86 0 3 23.9					1.353	C IV 1549 C III 1909		2182	2182					
0120-378 O		1 20 29.3 -37 51 11	1 22 45.05 -37 35 31.6	19.5				2.17	H I 1216 Si II 1307 C IV 1549		1289	1289					
0120-029 O		1 20 29.39 -2 59 39.7	1 23 1.99 -2 44 0.7					0.437	Mg II 2798 H I 4102 H I 4340		2182	2182					
0120+002 O		1 20 35.18 0 17 27.9	1 23 9.12 0 33 6.7					0.771	Mg II 2798		2182	2182					

TABLE 1—*Continued*

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0120-340	MD4:98		1 20 38.92	1 22 56.98	17.5					1.53	C IV 1549		1948	1948			1948phot mag
O			-34 4 24.5	-33 48 45.4							C III 1909						
0120-335	MD4:99		1 20 42.15	1 23 0.52	19.4					2.14	H I 1216		1289	1289			
O			-33 31 4.4	-33 15 25.4							C IV 1549		1948	1948			
0120-350			1 20 44.3	1 23 1.73	20.3					1.89	H I 1216		1289	1289			
O			-35 5 12	-34 49 33.0							N V 1240 Si IV 1397 O IV 1402 C IV 1549						
0120-334			1 20 48.7	1 23 7.09	19.4					2.21	H I 1216		1289	1289			
O			-33 27 17	-33 11 38.1							Si II 1307 C IV 1549						
0120+092			1 20 53.6	1 23 31.25	18.2	.50				0.176	He I 5876		1314	1314			1314ubv, 1209imag 6 arcmin from NGC 509; 9 arcmin from NGC 516 (UGC 946),1314; 9.83 arcmin from NGC 505, 2118
X			9 16 13	9 31 51.2													
0120-325			1 20 55.3	1 23 14.18	19.6					1.55	Si IV 1397		1289	1289			
O			-32 33 52	-32 18 13.3							O IV 1402 C IV 1549 C III 1909						
0121-334			1 21 1.4	1 23 19.75	20.3					2.02	H I 1216		1289	1289			
O			-33 27 30	-33 11 51.5							Si IV 1397 O IV 1402 C IV 1549						
0121-551			1 21 4.7	1 23 5.00	18.9					2.34	H I 1216		1294	1294			
O			-55 8 45	-54 53 6.2							C IV 1549						
0121-320			1 21 5.4	1 23 24.53	19.5					1.66	N V 1240		1289	1289			
O			-32 4 57	-31 49 18.6							Si IV 1397 O IV 1402 C IV 1549 C III 1909						
0121+007			1 21 5.97	1 23 40.12						1.31			2182	2182			
O			0 47 54.1	1 3 32.1													
0121-379	MD4:100		1 21 10.36	1 23 25.89	19.7					2.21	H I 1216		1948	1948			1948phot mag
O			-37 58 2.0	-37 42 23.6							C IV 1549						
0121-358	MD4:101		1 21 12.11	1 23 28.99	17.9					1.52	C IV 1549		1948	1948			1948phot mag
O			-35 50 40.6	-35 35 2.3													
0121-329	MD4:102		1 21 18.27	1 23 36.89	17.9					2.325+	H I 1216		1289	1289		1489	
O			-32 54 6.3	-32 38 28.2							C IV 1549 C III 1909		1948	1489 1948			
0121-332			1 21 18.5	1 23 36.94	18.5					1.69	Si IV 1397		1289	1289			
O			-33 12 26	-32 56 47.9							O IV 1402 C IV 1549 C III 1909						
0121-342			1 21 20.4	1 23 38.21	20.1					0.36	Mg II 2798		1289	1289			
O			-34 15 52	-34 0 13.9							O II 3727						
0121-337			1 21 24.0	1 23 47.10	20.3					0.83	C III 1909		1289	1289			
O			-33 44 25	-33 28 47.2							Mg II 2798						
0121-328			1 21 29.3	1 23 47.93	18.7					0.36	Mg II 2798		1289	1289			
O			-32 49 47	-32 34 9.2							O II 3727						
0121+009			1 21 40.35	1 24 14.55						1.553			2182	2182			
O			0 55 38.9	1 11 16.0													
0121-008			1 21 42.11	1 24 15.59						2.250	H I 1216		2182	2182			
O			-0 48 55.6	-0 33 18.5							Si IVb 1400 C IV 1549						

TABLE 1—*Continued*

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
0121+008 O		1 21 44.05 0 53 3.5	1 24 18.23 1 8 40.5						2.043			2182	2182			
0121-353 O	MD4:103	1 21 44.19 -35 18 44.1	1 24 1.29 -35 3 6.6	20.5					2.16	H I 1216		1948	1948			1948phot mag
0121-339 O		1 21 47.9 -33 56 22	1 24 5.82 -33 40 44.7	20.2					0.35	Mg II 2798 O II 3727		1289	1289			
0121-328 O	MD4:104	1 21 51.85 -32 49 33.5	1 24 10.42 -32 33 56.3	20.2					2.33	H I 1216 C IV 1549		1948	1948			1948phot mag
0121+108 R	MC 2	1 21 52.46 10 50 4.8	1 24 30.82 11 5 41.5	18					0.510	Mg II 2798 Ar IV 2854 O III 3133 Ne V 3345 NeIII 3869		1111	415	1111		40 arcsec from anon gal,2118
0121-351 O		1 21 56.7 -35 8 27	1 24 13.87 -34 52 49.9	19.9					1.56	C IV 1549 C III 1909		1289	1289			
0121-360 O	MD4:105	1 21 56.71 -36 0 21.0	1 24 13.34 -35 44 43.9	19.7					1.55	C IV 1549		1948	1948			1948phot mag
0121-324 O		1 21 57.4 -32 28 0	1 24 16.16 -32 12 22.9	19.5					1.67	C IV 1549 C III 1909		1289	1289			
0121-022 O		1 21 57.87 -2 15 53.1	1 24 30.75 -2 0 16.4						0.987	C III 1909 Mg II 2798		2182	2182			
0121+034 X	NGC 520 48	1 21 58.1 3 28 2	1 24 33.36 3 43 38.6	18.5	-.20				0.336	H I 4861		1314 1484	1314 1484			1209imag 4.18 arcmin from NGC 520, 1314,2118
0121+318 C R	MKN 992	1 21 59.2 31 51 50	1 24 47.82 32 7 26.3	17.5					0.654	Mg II 2798 Ne V 3345 NeIII 3869		1415	1414	1757		
0121-373 O		1 21 59.3 -37 20 51	1 24 15.06 -37 5 13.9	19.4					1.49	C IV 1549 C III 1909		1289	1289			
0122+035 C	NGC 520 192	1 22 0 3 31 54	1 24 35.28 3 47 30.6	20.0					2.000			1484	1484			7.5arcmin from NGC 520,2118
0122+035 C	NGC 520 79	1 22 0 3 31 54	1 24 35.28 3 47 30.6	18.38					1.341			1484	1484			46.67 arcmin from NGC 520, 2118
0122+035 C	NGC 520 D1	1 22 0 3 31 54	1 24 35.28 3 47 30.6	19.0					1.468			1484	1484			27.83 arcmin from NGC 520, 2118
0122+035 C	NGC 520 40	1 22 0 3 31 54	1 24 35.28 3 47 30.6	17.73					1.202			1484	1484			8.03 arcmin from NGC 520, 2118
0122+035 C	NGC 520 D9	1 22 0 3 31 54	1 24 35.28 3 47 30.6	18.0					1.670			1484	1484			29.5 arcmin from NGC 520, 2118
0122+035 C	NGC 520 D2	1 22 0 3 31 54	1 24 35.28 3 47 30.6	18.5					0.311			1484	1484			11.67 arcmin from NGC 520, 2118
0122+035 C	NGC 520 53	1 22 0 3 31 54	1 24 35.28 3 47 30.6	18.78					0.923			1484	1484			11.17 arcmin from NGC 520, 2118
0122+035 C	NGC 520 31	1 22 0 3 31 54	1 24 35.28 3 47 30.6	18.59					0.633			1484	1484			22.17 arcmin from NGC 520, 2118
0122+035 C	NGC 520 30	1 22 0 3 31 54	1 24 35.28 3 47 30.6	17.88					1.405			1484	1484			21.67 arcmin from NGC 520, 2118
0122+035 C	NGC 520 46	1 22 0 3 31 54	1 24 35.28 3 47 30.6	19.57					0.221			1484	1484			30 arcmin from NGC 520,2118

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0122-346 O	MD4:106	1 22 0.65 -34 37 36.6	1 24 18.12 -34 21 59.6	18.0					2.81	H I 1216		1948 1948				1948phot mag
0122-380 O		1 22 2.2 -38 0 4	1 24 17.52 -37 44 27.0	16.5					2.181*	H I 1216 N V 1240 O I 1304 C II 1335 Si IV 1397 O IV 1402 C IV 1549	1.9790 1.9734 1.9699 1.9638 1.9101 1.8143	431 710 431 478 1400			710 780,886, 1394 1983ir,846rnd, 2228 912xnd 2263 382 arcmin from NGC 300, 1650;Ly alpha abs,710	
0122-353 O		1 22 2.7 -35 22 35	1 24 19.70 -35 6 58.0	20.6					1.67	Si II 1307 C IV 1549 C III 1909		1289 1289				6.05 arcmin from NGC 526, 3.6arcmin from NGC 527,2118
0122-042 R	PKS PB 8800	1 22 3.4 -4 16 43	1 24 35.44 -4 1 6.4	17.03	0.00	-.69	0.561			Mg II 2798 Ne V 3426		296 1304				761sp,1485ubv
0122-328 O		1 22 6.7 -32 51 9	1 24 25.21 -32 35 32.2	19.7					2.22	H I 1216 C IV 1549		1289 1289				
0122-356 O		1 22 18.9 -35 36 42	1 24 35.71 -35 21 5.4	19.7					2.05	H I 1216 Si II 1307 C IV 1549		1289 1289				
0122-345 O		1 22 25.7 -34 33 13	1 24 43.14 -34 17 36.6	20.5					2.28	H I 1216 Si II 1307 Si IV 1397 O IV 1402 C IV 1549		1289 1289				
0122-028 O		1 22 27.18 -2 49 18.4	1 24 59.82 -2 33 42.4						2.020	H I 1216 N V 1240 SiIVb 1400 C IV 1549 C III 1909		2182 2182				
0122-334 O		1 22 37.9 -33 25 43	1 24 55.98 -33 10 7.0	20.0					2.26	H I 1216 C IV 1549		1289 1289				
0122-353 O		1 22 38.4 -35 21 13	1 24 55.30 -35 5 36.9	19.3					0.34	Mg II 2798 O II 3727		1289 1289				
0122-005 O	UM 320	1 22 43.6 -0 34 4	1 25 17.18 -0 18 28.5	18.6					2.28	H I 1216 N V 1240 C IV 1549		465 1025				1042pos
0122-325 O	MD4:107	1 22 45.99 -32 32 49.3	1 25 4.56 -32 17 13.5	19.9					2.45	H I 1216		1948 1948				1948phot mag
0122-321 O		1 22 47.0 -32 10 0	1 25 5.79 -31 54 24.2	19.0					2.20	H I 1216 C IV 1549		1289 1289				
0122-359 O	MD4:108	1 22 47.03 -35 54 13.8	1 25 3.56 -35 38 38.0	17.3					1.19	C III 1909		1948 1948				1948phot mag
0122-325 O		1 22 51.6 -32 35 15	1 25 10.14 -32 19 39.3	19.6					2.26	H I 1216 C IV 1549		1289 1289				
0122-352 O		1 22 52.7 -35 16 51	1 25 9.60 -35 1 15.3	19.9					0.38	Mg II 2798 O II 3727		1289 1289				
0122-003 R	PKS 4C 00.10 OC 038 OA 60.2 UM 321 PB 6429	1 22 55.16 -0 21 31.0	1 25 28.83 -0 5 55.8	16.70*	.28	-.75	1.070			C IV 1549 C III 1909 Mg II 2798		057 002 492 128 058 789 480 803 866 1976				059,1485ubv, 004,1202pol, 749pos, 1526vlbi,079, 465fc faint gals nearby,2118
0122-328 O		1 22 56.4 -32 49 22	1 25 14.78 -32 33 46.4	19.9					2.07	H I 1216 C IV 1549		1289 1289				
0123-359 O		1 23 0.2 -35 58 50	1 25 16.64 -35 43 14.5	20.1					2.26	H I 1216 C IV 1549		1289 1289				
0123-348 O		1 23 1.2 -34 48 33	1 25 18.37 -34 32 57.6	20.1					0.22	Mg II 2798 O II 3727		1289 1289				

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0123-527 O		1 23 3.9 -52 47 56	1 25 6.24 -52 32 20.4	16.7					(2.32)	H I	1216	1294 1294					
0123-365 O	MD4:109	1 23 8.55 -36 31 17.9	1 25 24.61 -36 15 42.6	18.9					2.457	H I N V C IV	1216 1240 1549	1247 1247 1289 1948 1948					
0123-005 O		1 23 10.44 -0 31 18.0	1 25 44.04 -0 15 43.2						1.887	C IV	1549	2182 2182					
0123-372 O	MD4:110	1 23 11.51 -37 13 41.3	1 25 27.10 -36 58 6.1	20.3					2.13	H I He II	1216 1640	1948 1948					1948phot mag
0123-347 O		1 23 13.7 -34 43 13	1 25 30.89 -34 27 37.9	19.7					0.36	Mg II O II	2798 3727	1289 1289					
0123-396 O		1 23 24 -39 36 43	1 25 37.93 -39 21 8.1	19.7					2.23	H I N V C IV	1216 1240 1549	478 478					846rnd
0123-329 O		1 23 25.9 -32 56 9	1 25 44.13 -32 40 34.2	20.6					1.83	H I C IV	1216 1549	1289 1289					
0123-349 O		1 23 26.7 -34 59 25	1 25 43.68 -34 43 50.2	18.7					2.30	H I C IV	1216 1549	1289 1289					
0123-005 O		1 23 28.67 -0 34 58.2	1 26 2.24 -0 19 23.9						1.761	C IV C III	1549 1909	2182 2182					
0123-329 O	MD4:111	1 23 29.19 -32 55 52.2	1 25 47.41 -32 40 17.5	20.0					1.92	H I C IV	1216 1549	1948 1948					1948phot mag
0123-351 O		1 23 30.1 -35 7 42	1 25 46.98 -34 52 7.3	20.6					0.34	Mg II O II	2798 3727	1289 1289					
0123-357 O		1 23 36.7 -35 45 58	1 25 53.16 -35 30 23.5	18.6					2.26	H I C IV	1216 1549	1289 1289					
0123-369 O		1 23 37.4 -36 55 32	1 25 53.10 -36 39 57.5	19.9					1.60	C IV C III	1549 1909	1289 1289					
0123-332 O	MD4:112	1 23 37.71 -33 14 9.2	1 25 55.73 -32 58 34.7	19.0					2.25	H I C IV	1216 1549	1289 1289 1948 1948					z in 1948 differs (1.59)
0123-368 O	MD4:113	1 23 38.75 -36 48 9.4	1 25 54.53 -36 32 34.9	18.6					2.205	H I N V C IV C III	1216 1240 1549 1909	1247 1247 1289 1289 1948 1948					
0123-353 O		1 23 39.6 -35 19 16	1 25 56.33 -35 3 41.6	20.2					2.72	H I Si IV O IV	1216 1397 1402	1289 1289					
0123-361 O		1 23 41.6 -36 11 18	1 25 57.77 -35 55 43.6	20.0					1.48	C IV C III	1549 1909	1289 1289					
0123-323 O		1 23 49.1 -32 18 43	1 26 7.63 -32 3 8.8	19.0					0.32	Mg II O II	2798 3727	1289 1289					
0123-226 R OC 240 MC	PKS	1 23 51.24 -22 38 7.4	1 26 14.97 -22 22 33.4	18.5					0.720	Mg II Ar IV H I O III	2798 2854 4340 4363	466 466			1966		761sp,296fc
0123-351 O		1 23 53.7 -35 11 21	1 26 10.47 -34 55 46.9	20.5					0.82	C III Mg II	1909 2798	1289 1289					
0123-341 O	MD4:114	1 23 56.95 -34 10 25.5	1 26 14.34 -33 54 51.5	20.4					2.11	H I	1216	1948 1948					1948phot mag
0123+257 R PKS OC 240	4C 25.05	1 23 57.27 25 43 28.2	1 26 42.81 25 59 1.5	17.5					2.358*	O VI H I N V Si IV C IV He II O III C III	1034 1216 1240 1397 1549 1640 1663 1909	2.3682 033 060 032			128 032 462 060 774 061 327 2228 2263		1201pol, 750pos,582, 831sp, 1526vlbi

TABLE 1—Continued

OTHER NAMES		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
0123-021	UM 322	1 23 57.36	1 26 30.26	18.6					1.912	H I 1216		465 2182				12.4 arcmin
O	PB 6441	-2 9 31.3	-1 53 57.7							N V 1240		465				from NGC 558,
										SiIVb 1400		1025				2118
										C IV 1549						
										C III 1909						
0124-373		1 24 0.2	1 26 15.52	19.8					0.88	C III 1909		1289 1289				
O		-37 23 20	-37 7 46.1							Mg II 2798						
0124-369		1 24 2.7	1 26 18.29	20.6					1.58	C IV 1549		1289 1289				
O		-36 57 55	-36 42 21.1							C III 1909						
0124-360		1 24 11.5	1 26 27.69						1.56	C IV 1549		1289 1289				
O		-36 0 33	-35 44 59.4							C III 1909						
0124-368	MD4:115	1 24 14.72	1 26 30.35	18.5					1.72	Si IV 1397		1289 1289				z in 1948
O		-36 50 53.3	-36 35 19.8							O IV 1402		1948				differs (2.42)
										C IV 1549						
										C III 1909						
0124-341	MD4:116	1 24 34.91	1 26 52.22	20.3					1.36	C IV 1549		1948 1948				1948phot mag
O		-34 6 51.7	-33 51 18.7							C III 1909						
0124-021	UM 324	1 24 35.83	1 27 8.72	17.8 *					0.355	Mg II 2798		465 1968	752			2145imag
O	PB 6447	-2 11 11.1	-1 55 38.5							H I 4340		480				3.27 arcmin
										H I 6563		1025				from NGC 558;
												2182				4.97 arcmin
																from NGC 560;
																9.73 arcmin
																from NGC 564,
																2118
0124-323	MD4:117	1 24 37.54	1 26 55.88	17.5					2.20	H I 1216		1289 1289				
O		-32 23 43.3	-32 8 10.4							C IV 1549		1948 1948				
0124-365		1 24 48.5	1 27 4.19	19.0					1.61	C IV 1549		1289 1289				
O		-36 34 36	-36 19 3.4							C III 1909						
0125-414	PKS	1 25 2.3	1 27 14.49	17.4	.35	-.71	(1.099)			Mg II 2798		103 1304			387	761sp, 736ubv
R		-41 28 18	-41 12 45.7												1966	
0125-363	MD4:118	1 25 3.42	1 27 19.18	18.6					1.34	C IV 1549		1948 1948				1948phot mag
O		-36 23 50.5	-36 8 18.3													
0125-004	UM 327	1 25 14.8	1 27 48.41	18.2					2.07	H I 1216		465 1025				
O	PB 6455	-0 29 3	-0 13 31.5							N V 1240		465				
										C IV 1549						
										C III 1909						
0125-352	MD4:119	1 25 27.61	1 27 44.06	18.5					2.163	H I 1216		1247 1247				
O		-35 13 26.1	-34 57 54.5							N V 1240		1289 1289				
										C IV 1549		1948 1948				
0125-341	MD4:120	1 25 36.77	1 27 53.84	20.0					2.38	H I 1216		1289 1289				z in 1948
O		-34 11 17.1	-33 55 45.8							C IV 1549		1948				differs (1.61)
0125-400		1 25 39.1	1 27 52.23	17.1					1.39	C IV 1549		478 478				846rnd
O		-40 1 3	-39 45 31.7							C III 1909						400 arcmin
																from NGC 300,
																1650
0125-332		1 25 45.4	1 28 3.03	18.5					2.10	H I 1216		1289 1289				
O		-33 15 14	-32 59 42.9							N V 1240						
										C IV 1549						
0125-321		1 25 46.4	1 28 4.71	19.0					0.33	Mg II 2798		1289 1289				
O		-32 7 42	-31 52 11.0							O II 3727						
0125-355		1 25 47.1	1 28 3.26	20.0					2.87	H I 1216		1289 1289				
O		-35 34 14	-35 18 42.9													
0125-359	MD4:121	1 25 50.40	1 28 6.33	19.5					2.21	H I 1216		1948 1948				1948phot mag
O		-35 54 47.9	-35 39 16.9													
0125-376	MD4:122	1 25 51.01	1 28 5.78	19.0					1.84	H I 1216		1289 1289				
O		-37 38 8.6	-37 22 37.6							C IV 1549		1948 1948				
0125-543		1 25 57.7	1 27 57.07	18.3					2.42	H I 1216		1294 1294				
O		-54 23 35	-54 8 3.9							C IV 1549						



TABLE 1—Continued

		OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
			DEC (1950)		DEC (2000)								ID	Z	VAR	R	
0126+030	UM 104		1 26 8.5	1 28 43.63	17.8	*				1.62	H I 1216 C IV 1549		445	480	1427 1967		853rnd,901pol
	O PB 6465		3 1 19	3 16 49.0													
0126-335			1 26 17.1	1 28 34.44	18.0					1.50	C IV 1549 C III 1909		1289	1289			
	O		-33 33 55	-33 18 24.8													
0126-015	UM 328		1 26 24.1	1 28 57.23	16.6					0.83	C III 1909 Mg II 2798		465	1025			1042pos
	O PB 6468		-1 35 18	-1 19 48.4													
0126-562			1 26 25.4	1 28 22.09	19.4					(2.21)			1294	1294			
	O		-56 17 5	-56 1 34.6													
0126-349			1 26 43.9	1 29 0.31	18.0					2.08	H I 1216 C IV 1549		1289	1289			
	O		-34 54 41	-34 39 11.5													
0126-330			1 26 57.9	1 29 15.45	18.0					1.95	H I 1216 C IV 1549		1289	1289			
	O		-33 1 54	-32 46 24.9													
0127+233	3CR 43		1 27 15.04	1 29 59.76	20	*				1.459	Ne IV 2439 Mg II 2798		008	462	066	462	1320rpol,
	R		23 22 51.5	23 38 19.4										1408		774 787 801 882 916 1393 1585 1804 1891 1976 2000 2013	1526vlbi,066, 463fc
0127-543			1 27 15.3	1 29 14.27	18.8					2.50			1294	1294			
	O		-54 20 1	-54 4 32.0													
0127-557			1 27 18.3	1 29 15.34	17.4					2.21			1294	1294			
	O		-55 46 41	-55 31 12.1													
0127+059	UM 109		1 27 49.6	1 30 26.05	18.9					(2.30)	H I 1216 C IV 1549		445	445			853rnd
	O		5 54 54	6 10 21.2													25.23 arcmin from 3C 44, 2188
0127-416	MD2:1		1 27 52.94	1 30 4.27	19.8					2.77	H I 1216 Si IV 1397 O IV 1402		1948	1948			1948phot mag
	O		-41 41 59.4	-41 26 31.7													
0128-411	MD2:2		1 28 6.92	1 30 18.63	18.7					2.38	H I 1216 N V 1240 C IV 1549 He II 1640		478	478			
	O		-41 8 44.0	-40 53 16.7									1948	1948			
0128-424	MD2:3		1 28 20.34	1 30 30.99	20.2					2.30	H I 1216 C IV 1549		1948	1948			1948phot mag
	O		-42 25 17.8	-42 9 50.8													
0128+074	PHL 3375		1 28 25.21	1 31 2.38	18.00*	.29	-.51	0.390		Mg II 2798 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		018	018	1068 030 1902		029,062ubv, 853rnd, 1420FeIIem (18.00)avg Bmag,1902	
	C PB 6482		7 28 14.5	7 43 40.7													
0128-367			1 28 27	1 30 41.83	18.3					2.164*	C III 1909	2.125	1247	1247		1247 2228	1247BAL
	O		-36 47 0	-36 31 33.3													
0128-392	MD2:4		1 28 36.70	1 30 49.72	18.7					1.44	C IV 1549 He II 1640 C III 1909		1948	1948			1948phot mag
	O		-39 16 20.2	-39 0 53.7													
0128-436	C20.06		1 28 40.1	1 30 49.68	18.7					2.50			2277	2277			
			-43 36 42	-43 21 15.6													
0128-573			1 28 41.2	1 30 35.44	18.5					2.20	H I 1216		1294	1294			
	O		-57 19 55	-57 4 28.3													

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES			Z(ABS)			REFERENCES				NOTES
		DEC (1950)			DEC (2000)							ID	Z	VAR	R	ABS						
0128-392 O	MD2:5	1 28 49.13 -39 13 36.4	1 31 2.13 -38 58 10.3	20.0			2.32	LYB O VI H I	1026 1034 1216		1948 1948								1948phot mag 3.57 arcmin from 012836.70 -391620.2,1948			
0128-525 O		1 28 55.4 -52 33 20	1 30 55.96 -52 17 53.8	17.5			2.38				1294 1294											
0129-409 O	MD2:6	1 29 7.13 -40 56 51.8	1 31 18.76 -40 41 26.2	19.8			1.95	H I C IV	1216 1549		1948 1948								1948phot mag			
0129-410 O	MD2:7	1 29 8.04 -41 1 19.1	1 31 19.61 -40 45 53.5	19.8			2.41	LYB H I	1026 1216		1948 1948								1948phot mag			
0129-375 O	MD2:8	1 29 19.28 -37 31 25.0	1 31 33.41 -37 15 59.7	20.3			1.32	C IV He II	1549 1640		1948 1948								1948phot mag			
0129-426 O	MD2:9	1 29 20.79 -42 40 12.7	1 31 30.99 -42 24 47.4	19.5			2.26	H I C IV	1216 1549		1948 1948								1948phot mag			
0129-021 O	UM 331 PHL 3400	1 29 34.5 -2 11 56	1 32 7.33 -1 56 31.6	18.6			1.39	H I O I C IV	1216 1304 1549		465 480											
0129-398 O	MD2:10	1 29 46.86 -39 49 27.8	1 31 59.20 -39 34 3.3	19.1			1.40	C IV	1549		1948 1948								1948phot mag			
0129-378 O	MD2:11	1 29 47.96 -37 48 38.3	1 32 1.79 -37 33 13.8	19.4			2.10	H I	1216		1948 1948								1948phot mag			
0129-369 O		1 29 59 -36 54 0	1 32 13.44 -36 38 35.9	19.1			2.245	H I N V C IV C III	1216 1240 1549 1909		1247 1247											
0130-392 O	MD2:12	1 30 1.84 -39 13 42.9	1 32 14.58 -38 58 18.8	19.0			2.01	H I	1216		1948 1948								1948phot mag			
0130-390 O	MD2:13	1 30 14.72 -39 1 31.4	1 32 27.56 -38 46 7.7	19.4			1.79	H I C IV	1216 1549		1948 1948								1948phot mag			
0130-171 R	PKS	1 30 17.6 -17 10 10	1 32 43.40 -16 54 46.6	18.44	.46	-.27	1.022	C III Mg II	1909 2798		057 1304 1305				1966 1976				761sp,056ubv, 1320rpol, 1526vlbi			
0130-401 O		1 30 21.2 -40 10 9	1 32 33.15 -39 54 45.4	20.3			1.73	C IV C III	1549 1909		430 442 430 479 1022											
0130-414 O	MD2:14	1 30 29.69 -41 24 18.6	1 32 40.64 -41 8 55.3	20.8			2.46	H I	1216		1948 1948								1948phot mag			
0130+033 C X	PHL 1027 UM 114	1 30 31.63 3 23 41.3	1 33 7.00 3 39 4.0	16.91*	-.03	-.77	0.363	Ne V NeIII H I H I O III	3426 3869 4340 4861 5007		018 018 752 1068								029,062ubv, 853rnd,780ir, 912,1488, 1980x,445fc, 1700,2145imag 1902avg Bmag			
0130-416 O		1 30 38.2 -41 37 56	1 32 48.93 -41 22 32.9	19.4			1.30 +				430 1022 430 479						479					
0130+242 R	4C 24.02 PKS OC 250 VR24.01.02 B2	1 30 39.05 24 12 18.7	1 33 24.62 24 27 40.9	16.8			0.457	Mg II H I H I	2798 4102 4861		033 032				462 774 775 800				705,877, 1202pol, 1320rpol, 1617ir, 1688imag faint gals nearby,2118			
0130-404 O X	MD2:15	1 30 45.84 -40 25 51.0	1 32 57.50 -40 10 28.1	19.2			2.16	H I Si IV O IV C IV	1216 1397 1402 1549		430 442 1948 430 479 1022 1948								1430x			

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS			NOTES
0130+038	UM 117		1 30 47.2	1 33 22.78	19.4					1.37	C IV 1549		445	480			853rnd
O			3 50 22	4 5 44.3													
0130-403			1 30 50.5	1 33 2.19	17.02	.66	-.22	3.03	*	O VI 1034	2.5598	330	535			535	846rnd,597,
O			-40 21 54	-40 6 31.3						H I 1216			331			911	911,954sp,
X										N V 1240			430			1208	430fc,1485ubv,
										Si IV 1397			442			2228	1430x,1847ir
										C IV 1549			478			2263	469 arcmin
													479				from NGC 300,
													1022				1650;Ly limit
																	abs,z=2.85,911
0130-406	MD2:16		1 30 50.65	1 33 2.13	19					2.39	H I 1216		430	442			
O			-40 38 6.7	-40 22 44.0							Si IV 1397		1948	430			
											O IV 1402			479			
											C IV 1549			1022			
														1948			
0130+473	1H		1 30 54	1 33 56.33	19					0.859			2268	2269			2269var?
X			47 20 14	47 35 35.4													
0130-422	MD2:17		1 30 54.56	1 33 4.76	20.2					2.38	H I 1216		1948	1948			1948phot mag
O			-42 12 3.3	-41 56 40.7													
0130-406			1 30 59.1	1 33 10.51	20.4					1.52 +	1216 1549		430	1022		479	1430x
O			-40 40 47	-40 25 24.5										430			
X														479			
0131-404	MD2:18		1 31 3.63	1 33 15.20	19					1.48	C IV 1549		430	442			846rnd,478fc,
O			-40 27 25.5	-40 12 3.1							C III 1909		1948	430			1430x
X														478			3.78 arcmin
														479			from QSO
														1022			013045.84
														1948			-402551.0,
																	1948
0131+037	PHL 1033		1 31 7.82	1 33 43.34	18.7	-.20	-.30	0.255	Mg II 2798				445	030			029ubv,853rnd,
C	UM 118		3 42 13.5	3 57 35.2					Ne V 3426								912,1488x
X									O II 3727								
									H I 4102								
									H I 4861								
									O III 4959								
									O III 5007								
0131+055	PHL 3424		1 31 8.08	1 33 44.45	18.25	.19	-.90	1.847	H I 1216					062			029,062ubv,
C			5 32 32.2	5 47 53.8					N V 1240					030			853rnd,1617ir
									O IV 1402								
									C IV 1549								
									C III 1909								
0131-405			1 31 9	1 33 20.44	20.5				2.25 +	H I 1216			430	430		479	
O			-40 35 44	-40 20 21.8						C IV 1549				479			
														1022			
0131-415			1 31 12.2	1 33 22.87	20.2				1.55	C IV 1549			430	442			
O			-41 32 19	-41 16 56.9						C III 1909				430			
														479			
														1022			
0131+013	PC		1 31 14.3	1 33 48.74	19.4				3.793				1698	1698			1698rmag
O			1 20 54	1 36 15.5													
0131-413			1 31 17.7	1 33 28.47	19.7				(1.24)	H I 1216			430	430			
O			-41 23 26	-41 8 4.0						C IV 1549				442			
														479			
														1022			
0131+009	UM 338		1 31 18.4	1 33 52.67	18.5				(1.37)	C IV 1549			465	480		866	
O			0 58 25	1 13 46.4													
R																	
0131-385	MD2:19		1 31 18.45	1 33 31.39	19.8				2.91	H I 1216			1948	1948			1948phot mag
O			-38 35 31.0	-38 20 9.1													
0131-384	MD2:20		1 31 21.09	1 33 34.15	18.9				1.42	C IV 1549			1948	1948			1948phot mag
O			-38 24 36.0	-38 9 14.2						C III 1909							

TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
									ID	Z	VAR	R	ABS
0131-401 O	1 31 22.1 -40 11 16	1 33 33.81 -39 55 54.2	19.8			1.83 +	H I 1216 C IV 1549 C III 1909		430	1022 430 442 479			479
0131-401 O	1 31 24.1 -40 8 46	1 33 35.83 -39 53 24.2	19.5			(1.67)	C IV 1549 C III 1909		430	442 430 479			
0131-401 O	1 31 29.7 -40 8 15	1 33 41.42 -39 52 53.4	20			1.65	H I 1216 C IV 1549		430	479 430 442 1022			
0131-397 O	MD2:21 1 31 35.36 -39 45 53.7	1 33 47.35 -39 30 32.3	20.2			1.96	H I 1216 C IV 1549 He II 1640		1948	1948			1948phot mag
0131-402 O X	1 31 36.6 -40 17 56	1 33 48.17 -40 2 34.6	20.3			2.11	H I 1216 Si IV 1397 O IV 1402 C IV 1549		430	442 430 479 1022			1430x
0131-528 O	1 31 38.1 -52 53 19	1 33 37.30 -52 37 57.4	18.8			2.15			1294	1294			
0131-409 O	1 31 40 -40 54 23	1 33 51.07 -40 39 1.7	19.8			2.36	H I 1216 C IV 1549		430	442 430 479 1022			
0131+000 O	UM 341 PHL 1037 1 31 44.4 0 0 16	1 34 18.22 0 15 36.7	17.8 *			0.401	Mg II 2798 H I 4340 H I 4861 O III 5007 H I 6563		465	1968 480	752		2145imag
0131+015 O	UM 340 PHL 1038 1 31 44.9 1 31 28	1 34 19.42 1 46 48.6	17.8			0.411	Mg II 2798 H I 4102 H I 4340 H I 4861 O III 5007 H I 6563		465	1968 480			2145imag
0131-409 O	1 31 48.4 -40 54 49	1 33 59.44 -40 39 27.9	19.9			(1.34)	H I 1216		430	479 430 442 1022			
0131-397 O	MD2:22 1 31 53.23 -39 47 35.8	1 34 5.13 -39 32 14.9	20.1			1.89	H I 1216		1948	1948			1948phot mag 3.88 arcmin from 013135.36 -394553.7,1948
0132-399 O	MD2:23 1 32 5.41 -39 56 22.9	1 34 17.15 -39 41 2.3	18.5			2.22	H I 1216 C IV 1549		1948	1948			1948phot mag
0132-377 O	MD2:24 1 32 5.67 -37 45 22.5	1 34 19.06 -37 30 2.0	19.3			2.05	H I 1216 C IV 1549		1948	1948			1948phot mag
0132-403 O X	MD2:25 1 32 9.94 -40 18 2.7	1 34 21.38 -40 2 42.2	19.5			2.18	H I 1216 Si IV 1397 O IV 1402 C IV 1549		430 1948	442 430 478 479 1022 1948			1430x,478fc
0132+205 C	NAB 1 32 14.74 20 30 30.4	1 34 58.50 20 45 49.9	17.5 *			1.782+	H I 1216 Si IV 1397 O IV 1402 C IV 1549		016	016	759	016	705,1202pol, 853rnd,1617ir
0132-197 O	UM 672 1 32 14.9 -19 47 19	1 34 39.20 -19 31 59.0	18.7			3.130*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.3880 1.3781	1025 1025 1874	1025 1874			1874 Ly limit abs, 2228 z=2.484,1874 2263

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0132-393	MD2:26		1 32 17.09	1 34 29.24	20.2					2.74	H I 1216		1948	1948			1948phot mag
O			-39 21 25.7	-39 6 5.5													
0132-408			1 32 20.8	1 34 31.80	20.7					2.42 +			430	1022		479	
O			-40 48 26	-40 33 5.8										479			
0132-406			1 32 22.2	1 34 33.34	19.5					2.15	H I 1216		430	430			
O			-40 37 18	-40 21 57.9							C IV 1549			442			
														479			
														1022			
0132+077	PHL 1049		1 32 31.7	1 35 9.13	17.26	.61	-.70	0.147			Mg II 2798			030			029,062ubv,
C			7 43 46.8	7 59 6.0							O II 3727						853rnd,
											H I 4102						1026ext,1207,
											H I 4340						1261imag
											H I 4861						
											O III 4959						
											O III 5007						
0132-075	NGC 615		1 32 35.4	1 35 5.68	18.5					1.64			948	948			3.92 arcmin
C	UB 1		-7 35 48	-7 20 28.7													from NGC 615,
																	2118
0132-389	MD2:27		1 32 35.59	1 34 47.96	18.1					1.09	C IV 1549		1948	1948			1948phot mag
O			-38 59 6.5	-38 43 46.8							C III 1909						
0132-399	MD2:28		1 32 37.60	1 34 49.24	18.5					1.59	C IV 1549		1948	1948			1948phot mag
O			-39 54 37.2	-39 39 17.5													
0132-388	MD2:29		1 32 46.59	1 34 59.02	18.7					2.14	H I 1216		1948	1948			1948phot mag
O			-38 51 5.1	-38 35 45.7							C IV 1549						
0132-377	MD2:30		1 32 50.35	1 35 3.56	19.4					2.22	H I 1216		1948	1948			1948phot mag
O			-37 47 54.3	-37 32 35.0							C IV 1549						
0132-409	MD2:31		1 32 53.19	1 35 3.97	19.4					2.41	H I 1216		478	478			
O			-40 55 37.8	-40 40 18.6							N V 1240		1948	430			
											C IV 1549			479			
														1948			
0133-372	MD2:32		1 33 3.42	1 35 16.97	19.8					2.10	H I 1216		1948	1948			1948phot mag
O			-37 16 16.9	-37 0 58.0							C IV 1549						
0133-394	MD2:33		1 33 5.73	1 35 17.62	19.4					2.53	H I 1216		1948	1948			1948phot mag
O			-39 28 7.2	-39 12 48.4							C IV 1549						
0133-204	MC 1		1 33 13.62	1 35 37.50	18.4					1.141	C IV 1549		673	673		1966	761,1304sp,
R	PKS		-20 24 4.3	-20 8 46.0							C III 1909			1305			1352spvar,
											Mg II 2798						1526vlbi,
																	1704fc,
																	1898pos
0133-407	MD2:34		1 33 17.88	1 35 28.74	18.4					2.09	H I 1216		1948	1948			1948phot mag
O			-40 42 16.2	-40 26 57.7							C IV 1549						
0133-391	MD2:35		1 33 23.64	1 35 35.70	19.8					2.08	H I 1216		1948	1948			1948phot mag
O			-39 9 42.9	-38 54 24.6							C IV 1549						
0133+004	NGC 622		1 33 25.8	1 35 59.82	18.5					0.91			540	540			1.18 arcmin
C	UB 1		0 24 36	0 39 53.7													from NGC 622,
	PHL 7392																2118
0133+004	NGC 622		1 33 25.8	1 35 59.82	20.2					1.46			540	540			1.22 arcmin
C	BSO 1		0 24 36	0 39 53.7													from NGC 622,
																	2118
0133-401	MD2:36		1 33 28.24	1 35 39.50	20.1					2.81	H I 1216		1948	1948			1948phot mag
O			-40 9 9.4	-39 53 51.2													
0133-409	MD2:37		1 33 30.01	1 35 40.64	19.5					2.33	H I 1216		1948	1948			1948phot mag
O			-40 55 55.5	-40 40 37.4							C IV 1549						
0133-405	MD2:38		1 33 37.44	1 35 48.32	19.2					1.59	C IV 1549		1948	1948			1948phot mag
O			-40 35 36.6	-40 20 18.7							C III 1909						
0133-405	MD2:39		1 33 40.27	1 35 51.18	19.1					1.11	He II 1640		1948	1948			1948phot mag
O			-40 32 38.9	-40 17 21.1							C III 1909						3.00 arcmin
																	from 013337.44
																	-403536.6,1948

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	ABS	
0133+207	3CR 47	1 33 40.42	1 36 24.42	18.1	*	.05	-.65	0.425	Mg II 2798		065	065	066	128		005,063ubv,	
	R 4C 20.07	20 42 10.6	20 57 27.6						Ne V 3426				290	462		1320rpol,696,	
	X PKS								O II 3727				759	775		912,1107,	
	CTA 14								NeIII 3869					784		1781x,1195,	
	OC 256								H I 4340					785		1753xvar,	
	NRAO 78								O III 4363					916		1201pol,295fc,	
	DA 53								O III 4959					1235		1922sp	
									O III 5007					1340		1796rpol jet	
														1476			
														1804			
														1888			
														1891			
														2013			
0133+011	UM 344	1 33 45.1	1 36 19.49	18.7				1.43	C IV 1549		465	1025				1042pos	
	O PHL 3470	1 11 52	1 27 9.1						C III 1909								
0133-373	MD2:40	1 33 48.68	1 36 2.05	20.2				1.81	H I 1216		1948	1948				1948phot mag	
	O	-37 18 24.6	-37 3 7.1						C IV 1549								
0133-388	MD2:41	1 33 50.41	1 36 2.60	19.6				2.50	H I 1216		1948	1948				1948phot mag	
	O	-38 51 59.1	-38 36 41.6						C IV 1549								
0133+476	OC 457	1 33 55.1	1 36 58.59	17.66*				0.859	C III 1909		213	1540	1902	837		865pos,936,	
	R DA 55	47 36 11	47 51 27.2						Mg II 2798				448	852		1336,1661rvar,	
									O III 4959					988		044sp,507fc,	
									O III 5007					1543		1280,1526,	
														1544		1862,1919vlbi,	
														1557		1789mm,	
														1771		1805mmvar,	
														1807		2103pol	
														1930		1902avg ph mag	
0133-381	MD2:42	1 33 58.23	1 36 10.92	19.1				2.74	H I 1216		1948	1948				1948phot mag	
	O	-38 10 48.4	-37 55 31.1						Si IV 1397								
									O IV 1402								
0134-428	MD2:43	1 34 6.80	1 36 15.64	19.8				2.26	H I 1216		1948	1948				1948phot mag	
	O	-42 52 50.8	-42 37 33.7						C IV 1549								
0134-402	MD2:44	1 34 14.31	1 36 25.31	18.6				1.82	H I 1216		1948	1948				1948phot mag	
	O	-40 16 17.7	-40 1 0.9						C IV 1549								
0134-421	MD2:45	1 34 30.66	1 36 40.02	19.8				1.31	C IV 1549		1948	1948				1948phot mag	
	O	-42 9 54.6	-41 54 38.2						C III 1909								
0134-382	MD2:46	1 34 35.07	1 36 47.55	20.3				2.72	LYB 1026		1948	1948				1948phot mag	
	O	-38 17 2.9	-38 1 46.7						H I 1216								
0134-426	MD2:47	1 34 38.61	1 36 47.54	19.9				1.94	H I 1216		1948	1948				1948phot mag	
	O	-42 38 9.7	-42 22 53.5						C IV 1549								
0134-376	MD2:48	1 34 39.70	1 36 52.63	18.2				2.493+	H I 1216		1247	1247				1247BAL	
	O	-37 40 19.8	-37 25 3.7						N V 1240		1948	1948				6.7arcmin from	
									C IV 1549							NGC 633,2118	
0134-387	MD2:49	1 34 41.08	1 36 53.19	18.0				1.92	H I 1216		1948	1948				1948phot mag	
	O	-38 44 23.3	-38 29 7.3						C IV 1549								
0134-406	MD2:50	1 34 42.66	1 36 53.28	19.6				1.98	H I 1216		1948	1948				1948phot mag	
	O	-40 36 17.1	-40 21 1.1														

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0134+329	3CR 48	1 34 49.83	1 37 41.30	16.46*	.19	-.27	0.367	Mg II 2798		067	069	005	128	005,063,067,	
	R 4C 32.08	32 54 20.4	33 9 35.2					Ne V 2974			068	007	462	1451ubv,067,	
	X NRAO 79							Ne V 3345			070	066	801	071,705,1202,	
	OC 358							Ne V 3426			557	067	816	2103pol,	
	B2							O II 3727		1731	127	882		1336rvar,1355,	
	DA 54							NeIII 3869			212	934		1941uv,984,	
	CTA 15							NeIII 3968			248	1393		1362,1760ext,	
								H I 4102			249	1888		799,1376,1617,	
								H I 4340			250	1891		2021ir,1028,	
								O III 4363			251	2000		1789mm,1107,	
								He I 4471			290	2013		1781x,	
								He II 4686			1068			1108absr,1194,	
								H I 4861			1142			1259,1688,	
								O III 4959			2054			1700imag,	
								O III 5007						749pos,1095,	
														1126,	
														1223spext,335,	
														776,958,	
														1467sp,161,	
														245,301fc,	
														1526vlbi,	
														2104rmap	
														958,1467,2100	
														strong FeIIem;	
														IRAS source,	
														1744;faint gal	
														near,1344; 12	
														arcsec from	
														anon gal, 3	
														arcsec from	
														anon gal,0.368	
														zgal,2118;	
														1902avg ph mag	
0134-406	MD2:51	1 34 52.46	1 37 3.03	19.5			2.22	H I 1216		1948	1948			1948phot mag	
	O	-40 37 28.3	-40 22 12.6					C IV 1549						2.23 arcmin	
														from 013442.66	
														-403617.1,1948	
0135-400		1 35 0	1 37 11.03				1.85 *		1.8607		1514		1514	1514BAL	
		-40 1 0	-39 45 44.5						1.8581				2228	z(abs) 1.74-	
									1.8311					1.72,1514	
									1.7830						
									1.761						
									1.6216						
0135+036	1E	1 35 0.3	1 37 35.87	18.7			0.637	Mg II 2798		1416	1416			1048x	
	X	3 39 29.9	3 54 44.8					Ne V 3426							
0135+056	PHL 1072	1 35 12.27	1 37 48.81	18.3	-.10	-.30	0.615	Mg II 2798			030			029ubv,853rnd	
	C	5 40 11.7	5 55 26.2					Ne V 3426						8.1arcmin from	
														NGC 632,2118	
0135-247	PKS	1 35 17.16	1 37 38.40	17.33*	.19	-.94	0.831	C III 1909		011	493	745	1966	761,1304sp,	
	R OC 259	-24 46 9.4	-24 30 54.6					Mg II 2798			1149	2054		886,1305ir,	
	X										1304			1350x,109fc,	
														1485ubv,	
														1526vlbi,	
														1789mm,	
														1810pos,	
														2103pol	
0135-057	PHL 1078	1 35 29.1	1 38 0.19	18.25*	.04	-.81	0.308	Mg II 2798		001	002	006	775	001,003,	
	C 4C 05.06	-5 42 6	-5 26 51.9					O III 5007				249	1111	029ubv,	
	R											290		1630imag	
0135-372	MD2:52	1 35 30.12	1 37 43.18	19.1			1.41	C IV 1549		1948	1948			1948phot mag	
	O	-37 16 15.7	-37 1 1.2					C III 1909							
0135-002	UM 349	1 35 40.9	1 38 14.60	19.1			2.15	H I 1216		465	1025			1042pos	
	O	-0 15 10	0 0 3.7					N V 1240			465				
								C IV 1549							
0135-383	MD2:53	1 35 43.05	1 37 55.25	20.1			2.25	H I 1216		1948	1948			1948phot mag	
	O	-38 20 14.8	-38 5 0.6					C IV 1549							
0135-385	MD2:54	1 35 48.78	1 38 0.80	20.0			2.23	H I 1216		1948	1948			1948phot mag	
	O	-38 32 56.5	-38 17 42.5					C IV 1549							

TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
									ID	Z	VAR	R	ABS
0135-531 O	1 35 49.8 -53 7 10	1 37 47.23 -52 51 55.7	19.8			2.20			1294	1294			
0136-407 O	1 36 14.14 -40 43 42.8	1 38 24.31 -40 28 29.5	18.3			2.23	H I 1216 C IV 1549		1948	1948			1948phot mag
0136+060 X R	1 36 20.2 6 5 50.1	1 38 56.97 6 21 2.6	18.6			0.450	Mg II 2798 O II 3727 H I 4340 H I 4861 O III 5007		1416	1416		991	1048x,1910sp
0136+060 O	1 36 25.7 6 0 25	1 39 2.43 6 15 37.3	18.9			2.35	H I 1216 C IV 1549		445	1550 445			853rnd
0136-373 O	1 36 28.18 -37 22 29.4	1 38 40.96 -37 7 16.6	18.0			1.18	C IV 1549 C III 1909		1948	1948			1948phot mag
0136-385 O	1 36 34.99 -38 31 56.6	1 38 46.86 -38 16 44.0	19.6			2.16	H I 1216 C IV 1549		1948	1948			1948phot mag
0136-231 R	1 36 35.4 -23 10 3	1 38 57.41 -22 54 50.6	18.8			1.893	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		296	1304		1966	761sp
0136-415 O	1 36 38.54 -41 35 31.5	1 38 47.89 -41 20 18.9	19.6			1.83	H I 1216 C IV 1549		1948	1948			1948phot mag
0136+176 R	1 36 59.2 17 37 57	1 39 41.86 17 53 8.1	18.5			2.73	O VI 1034 H I 1216 C IV 1549		1437	1437		2162	
0137-421 O	1 37 16.79 -42 11 0.1	1 39 25.47 -41 55 48.7	19.3			1.98	H I 1216		1948	1948			1948phot mag
0137+060 C X	1 37 19.02 6 4 10.5	1 39 55.81 6 19 21.2	17	-.20	-.50	0.396+	Mg II 2798 H I 4861 O III 5007			030 1420			030 029ubv,705, 1202pol,780ir, 838fc,912, 1488x,838sp, 853rnd, 1700imag 838,1420strong FeIIem; 0.57 arcmin from anon gal,1650,2118
0137+012 C R OC 062 PKS UM 355	1 37 22.78 1 16 35.2	1 39 57.23 1 31 45.8	17.07*	.05	-1.02	0.258	Mg II 2798 Ne V 3426 NeIII 3869 O III 4959 O III 5007		001	002 005 054 334	006 752 789 803 866 1111 1171 1174 1877 1891	128 775 789 803 866 1111 1171 1174 1877 1891	001,003, 029ubv,004, 1201pol,1259, 1630,1911imag, 940ext, 1526vlbi,334, 1922sp,026, 465fc faint gals nearby,2118
0137-419 O	1 37 22.91 -41 59 53.3	1 39 31.73 -41 44 42.1	19.4			2.45	H I 1216 C IV 1549		1948	1948			1948phot mag
0137-010 C X	1 37 43.75 -1 5 12.9	1 40 17.04 -0 50 2.9	16.49*	-.12	-.75	0.334	Mg II 2798 O II 3727 NeIII 3869 NeIII 3968 He 3970 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		072	072 417 480	712		417,1485ubv, 705,1202pol, 912,1488, 1980x,1420sp, 1420FeIIem, 465fc,1630, 1700,2145imag



TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS			NOTES
0137-018	UM 356		1 37 45.3	1 40 18.20	18.5 *					2.24 +	H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909		465	1025 465	752		1042pos,1025, 1208BAL
	O PHL 3582		-1 53 14	-1 38 4.0													
0138+030	UM 125		1 38 7.1	1 40 42.41	18.9					(1.26)	C IV 1549 He II 1640 C III 1909		445	445			853rnd
	O		3 1 9	3 16 18.3													
0138-129	UT		1 38 10.1	1 40 37.47	18.0					1.18	C IV 1549 C III 1909 Mg II 2798		1437	1437			
	R		-12 57 8	-12 41 58.6													
0138-387	MD2:61		1 38 10.93	1 40 22.29	19.8					2.12	H I 1216		1948	1948			1948phot mag
	O		-38 44 36.9	-38 29 27.2													
0138-381	MD2:62		1 38 13.70	1 40 25.54	17.6					2.874*	O VI 1034 H I 1216 N V 1240 O I 1304 Si IV 1397 C IV 1549	2.6523	330 1948	331 478 535 1948		535 1208 2228 2263	846rnd,911sp
	O		-38 8 11.7	-37 53 2.1													
0138-408	MD2:63		1 38 15.35	1 40 24.92	19.2					1.57	C IV 1549 C III 1909		1948	1948			1948phot mag
	O		-40 53 49.2	-40 38 39.6													
0138-339			1 38 16	1 40 30.97	18.5					2.356	H I 1216 N V 1240 C IV 1549		1247	1247			
	O		-33 56 0	-33 40 50.5													
0138+007	UM 359		1 38 20.3	1 40 54.50	18.7					1.65	C IV 1549 C III 1909		465	1025			1042pos
	O		0 45 52	1 1 0.9													
0138-342			1 38 34	1 40 48.71	18.3					2.08	H I 1216 N V 1240 C IV 1549 C III 1909		1247	1247			
	O		-34 13 0	-33 57 51.1													
0138-396	MD2:64		1 38 34.11	1 40 44.68	18.9					1.36	C IV 1549		1948	1948			1948phot mag
	O		-39 37 4.4	-39 21 55.4													
0138-548			1 38 48.8	1 40 42.77	20.8					2.28			1294	1294			
	O		-54 49 35	-54 34 26.1													
0138-421	MD2:65		1 38 52.21	1 41 0.52	20.9					2.26	H I 1216 C IV 1549		1948	1948			1948phot mag
	O		-42 10 54.0	-41 55 45.5													
0138-097	PKS		1 38 56.87	1 41 25.85	17.5 *								1418		1800 2054		087fc,781ir, 761sp,1789mm, 1800,1988, 2046,2062, 2103pol, 1810pos,2112x
BL Lac R			-9 43 52.2	-9 28 44.3													
0138-410	MD2:66		1 38 58.23	1 41 7.52	18.4					1.08	He II 1640		1948	1948			1948phot mag
	O		-41 1 55.3	-40 46 47.0													
0138-423	MD2:67		1 38 59.87	1 41 8.03	20.0					2.29	H I 1216 C IV 1549		1948	1948			1948phot mag
	O		-42 18 26.2	-42 3 17.9													
0139-552			1 39 3.6	1 40 56.86	19.5					2.35	H I 1216 C IV 1549		1294	1294			
	O		-55 14 53	-54 59 44.6													
0139-411	MD2:68		1 39 4.43	1 41 13.62	19.4					2.07	H I 1216		1948	1948			1948phot mag
	O		-41 6 55.4	-40 51 47.3													
0139-374	MD2:69		1 39 6.97	1 41 19.14	19.2					1.87	H I 1216		1948	1948			1948phot mag
	O		-37 28 58.2	-37 13 50.2													
0139+059	PHL 1106		1 39 22.73	1 41 59.52	18.3	-0.10	-0.40	0.345			Mg II 2798 Ne V 3426 O II 3727 NeIII 3869			030			029ubv,853rnd
	C		5 56 56.7	6 12 3.6													
0139-407	MD2:70		1 39 24.02	1 41 33.43	18.3					1.53	Si IV 1397 O IV 1402 C IV 1549		1948	1948			1948phot mag
	O		-40 46 38.2	-40 31 30.7													

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0139-525 O		1 39 35.0 -52 34 35	1 41 31.84 -52 19 27.6	20.5			2.32	H I 1216 C IV 1549		1294 1294					
0139-380 O	MD2:71	1 39 38.23 -38 5 8.4	1 41 49.82 -37 50 1.4	19.0			1.97	H I 1216		1948 1948					1948phot mag
0139-371 O		1 39 49 -37 8 0	1 42 1.30 -36 52 53.3	17.9			0.365	O II 3727		1247 1247					
0139-402 O	MD2:72	1 39 51.18 -40 17 25.4	1 42 0.91 -40 2 18.7	19.6			2.21	H I 1216 C IV 1549		1948 1948					1948phot mag
0139+061 C	PHL 3632	1 39 57.73 6 10 33.6	1 42 34.65 6 25 39.4	17.80*	.13	-.75	1.479	C IV 1549 C III 1909		018 018 875 1068 1902					029,062ubv, 853rnd 1902avg Bmag
0140-399 O	MD2:73	1 40 12.19 -39 58 23.6	1 42 22.11 -39 43 17.6	18.5			1.21	C III 1909		1948 1948					1948phot mag
0140+081 C	PHL 1119	1 40 16.78 8 7 7	1 42 54.69 8 22 12.2	17.1	-.10	-.40	0.119	H I 4340 H I 4861 O III 4959 O III 5007		030					029ubv,853rnd
0140-409 O	MD2:74	1 40 26.60 -40 59 8.6	1 42 35.59 -40 44 3.0	18.6			1.54	C III 1909		1948 1948					1948phot mag
0140+015 O	UM 361	1 40 32.9 1 32 50	1 43 7.50 1 47 54.8	19.3 *			2.12	H I 1216 N V 1240 C IV 1549 C III 1909		465 1025 752					1042pos
0140-412 O	MD2:75	1 40 35.26 -41 14 52.8	1 42 43.99 -40 59 47.5	18.7			1.11	He II 1640 C III 1909		1948 1948					1948phot mag
0140-306 O		1 40 37.5 -30 38 50	1 42 54.34 -30 23 44.9	18.5			3.13 *	H I 1216 3.02		911 472				911 2263	911sp Ly limit abs, 911
0140-391 O	MD2:76	1 40 44.36 -39 11 50.8	1 42 54.81 -38 56 45.8	19.4			2.21	H I 1216 C IV 1549		1948 1948					1948phot mag
0141-373 O	MD2:77	1 41 4.85 -37 23 29.6	1 43 16.69 -37 8 25.3	20.1			2.60	H I 1216 Si IV 1397 O IV 1402		1948 1948					1948phot mag
0141+024 O	UM 131 PHL 3665	1 41 12.1 2 26 29	1 43 47.16 2 41 32.5	18.7			1.42	C IV 1549		445 480					853rnd,901pol
0141+339 R	4C 33.03 3CR 48/54 DA 58 OC 368 B2	1 41 18.55 33 56 54.2	1 44 11.90 34 11 57.0	17.01			1.455*	Si IV 1397 1.4722 O IV 1402 0.4771 C IV 1549 0.3360 C III 1909 Mg II 2798		073 073 443		775 1749 1297 2263			1201pol,324, 831,2251sp 1902avg ph mag
0141-419 O	MD2:78	1 41 32.82 -41 55 50.3	1 43 40.72 -41 40 46.8	19.1			2.29	H I 1216 C IV 1549		1948 1948					1948phot mag
0141+052 C	PHL 1127 UM 132	1 41 33.13 5 15 14.8	1 44 9.62 5 30 17.6	18.29*	.14	-.83	1.99 *	H I 1216 1.95 Si IV 1397 C IV 1549		445 062 752 030 445 480 496				030 062 2263	062ubv,853rnd, 1513elp Ly alpha abs, 030
0141-403 O	MD2:79	1 41 36.92 -40 21 31.4	1 43 46.20 -40 6 28.0	18.5			1.38	C IV 1549		1948 1948					1948phot mag
0141-419 O	MD2:80	1 41 57.12 -41 55 33.0	1 44 4.93 -41 40 30.2	18.4			1.34	C IV 1549 C III 1909		1948 1948					1948phot mag
0142-402 O	MD2:81	1 42 4.91 -40 16 40.0	1 44 14.15 -40 1 37.5	20.0			1.84	H I 1216 C IV 1549		1948 1948					1948phot mag
0142+007 O	UM 365 PHL 3700	1 42 27.3 0 45 1	1 45 1.51 1 0 2.2	18.3 *			1.93	H I 1216 N V 1240 C IV 1549 C III 1909		465 1025 752					1042pos

TABLE 1—Continued

		OTHER	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION		Z(ABS)	REFERENCES				NOTES	
		NAMES	DEC (1950)		DEC (2000)						LINES			ID	Z	VAR	R	ABS	
0142-421	MD2:82		1 42 28.30	1 44 35.78	19.9					2.38	LYB	1026		1948	1948				1948phot mag
	O		-42 9 3.5	-41 54 1.7							H I	1216							
0142-403	MD2:83		1 42 40.45	1 44 49.52	17.8					0.81	C III	1909		1948	1948				1948phot mag
	O		-40 19 37.8	-40 4 36.5							Mg II	2798							
0142-278	PKS		1 42 45.0	1 45 3.41	19.0					1.153	C IV	1549		011	1304		1966		761sp,
	R		-27 48 33	-27 33 32.0							C III	1909			1305				1526vlbi
											Mg II	2798							
0142-100	UM 673		1 42 48.6	1 45 17.26	17.0					2.719*	O VI	1034	2.3561	1025	1822	2174	1822	1822	grav lens,
	O	PHL 3703	-10 0 13	-9 45 12.4							N II	1085	2.3245		1025			1872	2 images, A&B,
	R	A									H I	1216	1.9405		1872			2228	sep by 2.22
											N V	1240						2263	arcsec, 1750,
											O I	1304							2295; Ly alpha
											Si IV	1397							forest, 2232
											O IV	1402							
											C IV	1549							
											He II	1640							
											O III	1663							
											C III	1909							
0142-100	B		1 42 48.6	1 45 17.26	19.1					2.719*	H I	1216	2.7362	1750	1750	2174		1822	grav lens,
			-10 0 13	-9 45 12.4							N V	1240	2.3564					2263	lensing gal
											Si IV	1397	1.8987						0.49zgal, mr=19
											O IV	1402							1750; Ly alpha
											C IV	1549							forest, 2232
0142-407	MD2:84		1 42 50.57	1 44 59.23	18.9					1.52	C IV	1549		1948	1948				1948phot mag
	O		-40 44 52.5	-40 29 51.5							C III	1909							
0142-427	MD2:85		1 42 51.02	1 44 57.83	17.9					1.42	C IV	1549		1948	1948				1948phot mag
	O		-42 46 29.9	-42 31 28.8							C III	1909							
0143-420	MD2:86		1 43 13.53	1 45 20.89	18.5					1.67	C IV	1549		1948	1948				1948phot mag
	O		-42 5 18.4	-41 50 18.1							C III	1909							
0143-384	MD2:87		1 43 15.08	1 45 25.58	19.6					2.21	H I	1216		1948	1948				1948phot mag
	O		-38 29 59.7	-38 14 59.5							C IV	1549							
0143-015	UM 366		1 43 18.2	1 45 51.21	18.8					3.141*	H I	1216	1.6126	465	480			911	912xnd, 597,
	O	PHL 7756	-1 35 30	-1 20 30.4							Si IV	1397	1.5794		472			1874	911, 986sp,
											O IV	1402	1.2853		1874			2228	1092ir
											C IV	1549	1.0383		2281			2263	
0143-402	MD2:88		1 43 29.96	1 45 38.95	20.0					2.55	H I	1216		1948	1948				1948phot mag
	O		-40 12 10.1	-39 57 10.3															
0143-428	MD2:89		1 43 34.70	1 45 41.24	19.3					2.05	H I	1216		1948	1948				1948phot mag
	O		-42 52 20.3	-42 37 20.6															
0143-407	MD2:90		1 43 41.71	1 45 50.22	19.0					1.54	C IV	1549		1948	1948				1948phot mag
	O		-40 42 7.7	-40 27 8.3							C III	1909							
0143-010	UM 368		1 43 46.7	1 46 20.00	19					3.16 *	O VI	1034	2.82	465	480			911	912xnd, 597,
	O		-1 1 26	-0 46 27.4							H I	1216			465			2263	911, 986sp,
															472				1092ir
																			Ly limit abs,
																			911
0143+020	UM 136		1 43 46.9	1 46 21.79	18.7 *					1.60	C IV	1549		445	480	752			853rnd
	O		2 2 57	2 17 55.6															
0144-396	MD2:91		1 44 3.17	1 46 12.54	16.0					1.25	C IV	1549		1948	1948				1948phot mag
	O		-39 38 4.0	-39 23 5.3							C III	1909							
0144-505			1 44 20.8	1 46 18.70	18.6					2.03				477	477				
	O		-50 33 18	-50 18 19.7															
0144-414	MD2:92		1 44 34.73	1 46 42.33	20.1					2.03	H I	1216		1948	1948				1948phot mag
	O		-41 29 24.4	-41 14 26.7							C IV	1549							
0144-412	MD2:93		1 44 35.27	1 46 43.09	18.3					1.19	C III	1909		1948	1948				1948phot mag
	O		-41 14 18.4	-40 59 20.7															
0144-421	MD2:94		1 44 38.83	1 46 45.77	20.7					2.05	H I	1216		1948	1948				1948phot mag
	O		-42 10 50.3	-41 55 52.7							C IV	1549							

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC	(1950)	DEC	(2000)							ID	Z	VAR	R	
0144-506 O		1 44 47 -50 37 22	1 46 44.68 -50 22 24.5	19.7			(0.70)				477	477				
0144-381 O	MD2:95	1 44 54.88 -38 10 0.4	1 47 5.32 -37 55 3.4	19.0			1.68		C IV 1549 C III 1909		1948	1948			1948phot mag	
0144-387 O	MD2:96	1 44 57.87 -38 47 40.0	1 47 7.77 -38 32 43.1	18.8			2.29		LYB 1026 H I 1216 C IV 1549		1948	1948			1948phot mag	
0144-515 O		1 44 58.5 -51 31 11	1 46 54.94 -51 16 13.9	18.95			(2.42)				477	477				
0145+210 R	UT	1 45 8.8 21 0 43	1 47 54.14 21 15 38.6	17.5			0.62		Mg II 2798		1437	1437				
0145-385 O	MD2:97	1 45 9.19 -38 35 15.1	1 47 19.22 -38 20 18.6	18.8			2.01		H I 1216 C IV 1549		1948	1948			1948phot mag	
0145+386 R	UT	1 45 26.5 38 39 9	1 48 24.40 38 54 3.8	16			1.44		C IV 1549 C III 1909		1437	1437				
0145-409 O	MD2:98	1 45 39.34 -40 56 50.4	1 47 47.19 -40 41 54.8	19.6			2.03		H I 1216 C IV 1549		1948	1948			1948phot mag	
0145+042 O X	UM 139	1 45 41.4 4 16 25	1 48 17.47 4 31 19.8	18.8 *			2.025*		H I 1216 C IV 1549		445	1711 480	752	1213 480	853rnd,1182x, 1512 1201pol,1208, 1711 1512,1514BAL z(abs) 1.944- 1.889,1512	
0145-527 O		1 45 41.4 -52 45 5	1 47 35.91 -52 30 9.2	20.0			2.41		H I 1216		477	1294 1294				
0146-423 O	MD2:99	1 46 8.18 -42 19 25.7	1 48 14.63 -42 4 31.0	19.0			2.23		H I 1216 C IV 1549		1948	1948			148phot mag	
0146-400 O	MD2:100	1 46 16.27 -40 1 16.1	1 48 24.82 -39 46 21.7	19.9			2.49		H I 1216		1948	1948			1948phot mag	
0146-502 O		1 46 21.9 -50 17 53	1 48 19.50 -50 2 58.6	18.6			(0.31)				477	477				
0146-509 O R		1 46 26.8 -50 54 29	1 48 23.58 -50 39 34.7	18.8			(2.28)				477	477		477		
0146-424 O	MD2:101	1 46 29.14 -42 25 8.6	1 48 35.42 -42 10 14.6	20.1			2.18		H I 1216 C IV 1549		1948	1948			1948phot mag	
0146-389 O	MD2:102	1 46 39.82 -38 55 53.5	1 48 49.24 -38 40 59.9	19.8			2.15		H I 1216		1948	1948			1948phot mag	
0146-421 O	MD2:103	1 46 43.61 -42 11 7.4	1 48 50.06 -41 56 13.9	19.2			2.03		H I 1216 C IV 1549		1948	1948			1948phot mag	
0146+017 O	UM 141	1 46 44 1 42 30	1 49 18.73 1 57 22.8	18.6 *			2.909*		O VI 1034 H I 1216 C IV 1549	1.6867 1.1292	445	725 472 480 1711 1874	752		480 901,1202pol, 725 1208,1512, 1514BAL, 1711 912xnd,853, 1874 1213rnd,986sp, 2228 10921r 2263 z(abs) 2.759- 2.626,1512	
0146-420 O	MD2:104	1 46 45.54 -42 5 1.6	1 48 52.08 -41 50 8.2	20.4			1.98		H I 1216		1948	1948			1948phot mag	
0146+056 R OC 079 GC	PKS	1 46 45.6 5 41 1	1 49 22.45 5 55 53.7	19			2.345		H I 1216 C IV 1549		213	443		010 1297 2162	1181sp, 1526vlbi 7.12 arcmin from NGC 676, 2118	

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)			DEC (2000)									ID	Z	VAR	R	
0146-500 C R	PKS	1 46 55.9 -50 2 5	1 48 53.66 -49 47 11.7	18.35			2.261	H I 1216 N V 1240 Si II 1263 O I 1304 C IV 1549 C III 1909				467	467 477 1400		467 477		761,1304sp, 477fc,1966rnd	
0147-399 O	MD2:105	1 47 5.85 -39 58 49.4	1 49 14.26 -39 43 56.7	19.8			2.45	LYB 1026 H I 1216				1948	1948				1948phot mag	
0147-336	A21.03	1 47 6.4 -33 39 32	1 49 20.02 -33 24 39.4	17.2			1.7					2277	2277					
0147+019 O	UM 142 PHL 3828	1 47 7.4 1 56 46	1 49 42.26 2 11 38.0	17.7 *			1.39	C IV 1549 He II 1640				445	480	752			853rnd	
0147-511 O		1 47 8.1 -51 7 59	1 49 4.36 -50 53 6.1	20			0.17					477	477					
0147-490 O		1 47 12.3 -49 3 19	1 49 11.20 -48 48 26.3	20			2.23					477	477					
0147-429 O	MD2:106	1 47 13.64 -42 56 58.2	1 49 19.23 -42 42 5.7	19.6			1.23	C III 1909				1948	1948				1948phot mag	
0147-379 O	MD2:107	1 47 15.29 -37 59 30.4	1 49 25.40 -37 44 38.0	20.3			2.17	H I 1216				1948	1948				1948phot mag	
0147-389 O	MD2:108	1 47 16.03 -38 55 11.4	1 49 25.34 -38 40 19.0	19.8			2.38	H I 1216 C IV 1549				1948	1948				1948phot mag	
0147-500 O		1 47 20.4 -50 3 37	1 49 18.00 -49 48 44.5	19.2			(2.54)					477	477					
0147-530 O		1 47 37.2 -53 3 42	1 49 30.61 -52 48 50.0	18.3			(2.42)					1294	1294					
0147+089 C	PHL 1186	1 47 46.73 8 59 59.2	1 50 25.41 9 14 49.8	17.55*	-.02	-.83	0.27	Mg II 2798 Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007				018	018	1068 1902		029,040ubv, 1201pol, 853rnd, 1026ext,1207, 1261,1630imag, 334sp 1902avg Bmag; faint gal near 1344; 4 arcsec from anon gal, 0.2688zgal, 2118		
0147-113 R	UT	1 47 50.4 -11 23 35	1 50 18.06 -11 8 44.2	17.5			1.43	C IV 1549 Mg II 2798				1437	1437					
0147-514 O		1 47 51.5 -51 25 27	1 49 47.14 -51 10 35.5	19.2			0.50					477	477					
0147-510 O		1 47 54.3 -51 4 42	1 49 50.39 -50 49 50.6	20			(3.20)					477	477					
0147-569 O		1 47 54.6 -56 54 2	1 49 41.73 -56 39 10.5	18.1			(2.05)					1294	1294					
0148-391 O	MD2:109	1 48 6.85 -39 6 57.9	1 50 15.81 -38 52 7.2	19.2			2.07	H I 1216 C IV 1549				1948	1948				1948phot mag	
0148-202 R	MC 1 PHL 1195	1 48 14.54 -20 14 0.4	1 50 37.06 -19 59 10.3	18.2			0.859	C II 2326 Mg II 2798				673 1871	673				1704fc, 1966rnd	
0148-381 O	MD2:110	1 48 14.66 -38 8 2.8	1 50 24.45 -37 53 12.4	20.2			2.26	H I 1216 C IV 1549				1948	1948				1948phot mag	
0148-555 O		1 48 16.9 -55 31 22	1 50 6.25 -55 16 31.3	19.2			(2.33)					1294	1294					
0148-389 O	MD2:111	1 48 21.44 -38 59 27.4	1 50 30.46 -38 44 37.2	19.6			2.32	H I 1216 C IV 1549				1948	1948				1948phot mag	
0148-423 O	MD2:112	1 48 28.51 -42 20 26.3	1 50 34.40 -42 5 36.3	20.5			2.25	H I 1216 C IV 1549				1948	1948				1948phot mag	

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0148-428	MD2:113		1 48 30.94	1 50 36.33	19.8					2.27	H I 1216 C IV 1549		1948	1948			1948phot mag
O			-42 50 18.4	-42 35 28.4													
0148-476			1 48 35.6	1 50 35.81	19					(2.19)			477	477			
O			-47 37 20	-47 22 30.1													
0148-097	UM 674		1 48 38.8	1 51 7.32	18.6					2.850*	H I 1216 2.6322 N V 1240 2.5564 Si IV 1397 2.1029 O IV 1402 1.3855 C IV 1549		1025	1025		1874 9.75 arcmin 2228 from NGC 701, 2263 2118	
O			-9 46 45	-9 31 55.9													
0148-428	MD2:114		1 48 42.28	1 50 47.59	20.8					2.30	H I 1216 C IV 1549		1948	1948			1948phot mag 2.99 arcmin from 014830.94 -425018.4, 1948
O			-42 52 29.3	-42 37 39.7													
0148-409	MD2:115		1 48 49.88	1 50 57.02	19.3					0.80	C III 1909 Mg II 2798		1948	1948			1948phot mag
O			-40 56 32.0	-40 41 42.7													
0148+090	PHL 1194		1 48 52.13	1 51 30.88	17.83*	-.07	-.85	0.299	Mg II 2798 Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007			018	018 1068 030 1902 062 334			029,062ubv, 1201pol, 853rnd,334, 551sp,1026ext, 1207,1261imag 1902avg Bmag	
C			9 2 37	9 17 25.4													
0148-409	MD2:116		1 48 52.92	1 51 0.07	17.9					1.32	C IV 1549 C III 1909		1948	1948			1948phot mag 1.57 arcmin from 014849.88 -405632.0, 1948
O			-40 55 5.0	-40 40 15.8													
0148-516			1 48 53.7	1 50 48.67	18.2					2.53	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		477	1803			
O			-51 39 43	-51 24 53.6													
0148-491			1 48 54.1	1 50 52.39	19.4					0.11			477	477			
O			-49 8 16	-48 53 26.7													
0148-414	MD2:117		1 48 57.83	1 51 4.41	20.3					1.98	H I 1216 He II 1640		1948	1948			1948phot mag
O			-41 29 59.6	-41 15 10.6													
0149-477			1 49 5.6	1 51 5.47	18.3					0.496			477	477 1400			
O			-47 47 32	-47 32 43.1													
0149-404	MD2:118		1 49 5.87	1 51 13.39	18.6					1.38	C IV 1549		1948	1948			1948phot mag
O			-40 28 10.3	-40 13 21.6													
0149-475			1 49 5.9	1 51 6.02	18.9					2.22			477	477			
O			-47 34 34	-47 19 45.1													
0149-425	MD2:119		1 49 11.85	1 51 17.32	20.0					2.01	H I 1216		1948	1948			1948phot mag
O			-42 35 21.2	-42 20 32.6													
0149-478			1 49 15	1 51 14.74	19.1					(0.94)			477	477			
O			-47 51 52	-47 37 3.4													
0149-416	MD2:120		1 49 16.93	1 51 23.29	19.9					2.55	LYB 1026 H I 1216		1948	1948			1948phot mag
O			-41 39 21.6	-41 24 33.2													
0149-422	MD2:121		1 49 17.60	1 51 23.43	19.5					1.88	H I 1216		1948	1948			1948phot mag
O			-42 12 9.2	-41 57 20.8													
0149-397	MD2:122		1 49 18.34	1 51 26.51	17.9					2.058	H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 C IV 1549 He II 1640		409 409 1948 328 478 1948			846rnd,1488x, 328fc	
O			-39 42 42.7	-39 27 54.4													
X																	

TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V) (U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
									Z	VAR	R	ABS	
0149-474 C	1 49 20.7 -47 26 48	1 51 20.91 -47 11 59.6	17.9		0.356	H I 4102 H I 4340 H I 4861		432	432 477 1400				477fc
0149-505 O	1 49 22.1 -50 31 14	1 51 18.47 -50 16 25.6	18.7		0.31			477	477				
0149+218 R PKS GC	1 49 31.8 21 52 20	1 52 18.12 22 7 6.9	20.76		1.32	C IV 1549		1297	1181		086		1526vlbi, 1789mm
0149-511 O	1 49 33.9 -51 10 10	1 51 29.34 -50 55 22.0	19		1.95			477	477				
0149+335 R OC 383 B2 GC	1 49 40.0 33 35 46	1 52 34.54 33 50 32.4	18.5		2.431*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.133	009	009 443		1297 1550 2162 1551 2263		1181sp prob damped Ly alpha,1550
0149-504 O	1 49 46.6 -50 28 28	1 51 42.90 -50 13 40.4	19		(2.39)			477	477				
0149-510 O	1 49 49.1 -51 4 56	1 51 44.57 -50 50 8.5	19.1		(0.29)			477	477				
0149-166 X	1 49 52.4 -16 39 29	1 52 16.92 -16 24 42.2	19.3	-.10	0.399			1314	1314				22 arcmin from NGC 725,1314, 2118
0149-409 O MD2:123	1 49 53.49 -40 54 47.0	1 52 0.42 -40 39 59.9	19.9		1.95	H I 1216		1948	1948				1948phot mag
0150-202 O UM 675	1 50 5.8 -20 15 29	1 52 28.13 -20 0 42.6	17.1		2.147*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.0097 1.9287 1.7666 0.7800 0.3892	1025	1025 1872		1872 1873 2228 2263		2173uv,2251sp 2173hst obs
0150-494 O	1 50 10.7 -49 25 47	1 52 8.24 -49 11 0.3	19.3		2.25			477	477				
0150-011 O UM 373	1 50 17.7 -1 9 4	1 52 50.90 -0 54 18.3	18.8		0.88	C III 1909 Mg II 2798		465	1025				1042pos
0150-017 O UM 375	1 50 26.2 -1 44 25	1 52 59.08 -1 29 39.6	19.0		2.02	H I 1216 N V 1240 C IV 1549 C III 1909		465	1025 465				
0150-405 O MD2:124	1 50 26.75 -40 33 42.0	1 52 33.89 -40 18 56.0	17.7		1.48	C IV 1549		1948	1948				1948phot mag
0150-420 O MD2:125	1 50 31.34 -42 2 37.5	1 52 37.04 -41 47 51.6	20.5		2.59	H I 1216 Si IV 1397		1948	1948				1948phot mag
0150-535 X 1H	1 50 32 -53 35 20	1 52 23.61 -53 20 33.9	16.97	.20 -.65	1.56 +	C IV 1549 C III 1909		2176	2176				pos from HEAO cat;H0147-537 in 2177
0150-393 O MD2:126	1 50 40.60 -39 21 43.0	1 52 48.80 -39 6 57.5	19.6		2.29	H I 1216 C IV 1549		1948	1948				1948phot mag
0150-407 O MD2:127	1 50 44.66 -40 46 6.0	1 52 51.54 -40 31 20.6	19.8		1.90	H I 1216		1948	1948				1948phot mag
0150-517 O	1 50 45.8 -51 47 6	1 52 39.99 -51 32 20.4	19		2.84			477	477				
0150-102 X E PHL 1220	1 50 56.0 -10 15 8	1 53 24.15 -10 0 23.5	18.1	.40	0.361	H I 4861 O III 5007		1417	1417				1417x,1910sp
0150-334 R PKS	1 50 57.8 -33 24 57	1 53 10.95 -33 10 12.2	18.6 *		0.61	C II 2326 Mg II 2798 Ne V 2974 Ne V 3426 O II 3727 H I 4340		025	410 736 384 2054 1966				761,1304sp, 865pos, 1320rpel, 1526vlbi

TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0151-405 O	MD2:128	1 51 0.28 -40 31 50.7	1 53 7.33 -40 17 5.8	19.1					2.56	H I 1216 Si IV 1397 O IV 1402		1948 1948				1948phot mag
0151-410 O	MD2:129	1 51 3.50 -41 3 38.9	1 53 10.03 -40 48 54.1	19.9					2.17	H I 1216 C IV 1549		1948 1948				1948phot mag
0151-404 O	MD2:130	1 51 9.15 -40 27 39.8	1 53 16.23 -40 12 55.2	19.2					2.47	H I 1216 C IV 1549		1948 1948				1948phot mag
0151+048 C	PHL 1222 UM 144	1 51 17.43 4 48 15.1	1 53 53.91 5 2 58.6	17.62	.41	-.78	1.923*		H I 1216 1.9342 N V 1240 1.8266 Si IV 1397 1.6601 O IV 1402 1.6534 C IV 1549 1.6189 He II 1640 1.5612 O III 1663 1.467 C III 1909		018 571 018 030 1872 1901		018 030 075 560 1872 2228 2263	029,062ubv, 853rnd,445fc 1902avg Bmag		
0151-478 O		1 51 23.5 -47 50 38	1 53 22.66 -47 35 53.8	18.5				(0.48)				477 477				
0151-390 O	MD2:131	1 51 35.13 -39 4 6.3	1 53 43.41 -38 49 22.7	19.8					2.19	H I 1216		1948 1948				1948phot mag
0151-483 O		1 51 36.9 -48 21 19	1 53 35.37 -48 6 35.2	18.6					0.493			477 477 1400				
0151-386 O	MD2:132	1 51 38.05 -38 36 23.3	1 53 46.73 -38 21 39.8	18.3					1.70	C IV 1549 C III 1909		1948 1948				1948phot mag
0151+045		1 51 51.65 4 33 37.7	1 54 28.01 4 48 20.1	21.5					0.404			2273 2273				this QSO and PHL 1222 are a physical pair 3.3 arcsec apart, 2273
0151+045 C	PHL 1226 UM 145	1 51 51.65 4 33 37.7	1 54 28.01 4 48 20.1	17.40*	.40	-.72	0.404*		Mg II 2798 Ne V 3345 Ne V 3426 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007	0.1602	018 018 752 030 1068 1902 2174	1751 2128 2263		029,040ubv, 853rnd,1420sp, 1420FeIIem, 445fc,1700, 2145imag 0.90 arcmin from IC 1746, 0.0176zgal, 1650,1751,2145 6.4arcsec from anon gal,0.160 zgal,1751,2262 10.9 arcsec from anon gal, 2118; 1902avg Bmag		
0151-407 O	MD2:133	1 51 55.24 -40 46 32.8	1 54 1.85 -40 31 49.8	18.1					1.85	H I 1216 Si IV 1397		1948 1948				1948phot mag
0151-415 O	MD2:134	1 51 58.11 -41 34 22.2	1 54 3.94 -41 19 39.3	19.3					1.54	C IV 1549 C III 1909		1948 1948				1948phot mag
0152-409 O	MD2:135	1 52 13.65 -40 55 12.3	1 54 20.06 -40 40 30.0	19.3					1.65	C IV 1549 C III 1909		1948 1948				1948phot mag
0152-389 O	MD2:136	1 52 21.30 -38 59 44.1	1 54 29.48 -38 45 2.1	19.9					2.11	H I 1216		1948 1948				1948phot mag
0152-377 O	MD2:137	1 52 22.47 -37 42 29.7	1 54 31.80 -37 27 47.7	18.8					1.93	H I 1216		1948 1948				1948phot mag
0152-513 R	PKS	1 52 25.3 -51 22 35	1 54 19.54 -51 7 52.8	18.9					0.44			477 477		1519 1966		
0152-481 O		1 52 29.3 -48 11 2	1 54 27.73 -47 56 20.0	19.3				(2.30)				477 477				
0152-505 O		1 52 45.7 -50 35 40	1 54 40.91 -50 20 58.5	19.2					2.48			477 477				



TABLE 1—Continued

OTHER NAMES		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
0153+744 R	S5	1 53 74 28	4.35 5.6	1 57 74 42	34.97 43.1	16.0			2.338+	H I 1216 C IV 1549 C III 1909 Mg II 2798		1443 1540 1552 1811		1667 1540 1793		996,1280,1862, 1931vlbi, 1766rvar, 1855mm, 1811pos, 2103pol, 2174varnd
0153-411 O	MD2:138	1 53 -41 6	16.98 28.2	1 55 -40 51	22.97 48.0	19.9			2.09	H I 1216		1948 1948				1948phot mag
0153-404 O	MD2:139	1 53 -40 26	23.69 47.0	1 55 -40 12	30.30 7.1	19.0			2.10	H I 1216		1948 1948				1948phot mag
0153-398 O	MD2:140	1 53 -39 49	28.88 29.9	1 55 -39 34	36.06 50.2	19.7			2.15	LYB 1026 H I 1216		1948 1948				1948phot mag
0153-562 O		1 53 -56 12	30.7 56	1 55 -55 58	16.88 15.9	18.4			(2.47)			1294 1294				
0153-520 O		1 53 -52 3	53.6 44	1 55 -51 49	46.37 4.9	18.6			0.19			477 477				
0153+045 O	UM 148	1 53 4 30	59.7 58	1 56 4 45	36.07 35.9	18.8			2.993*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 2.4007 2.2413	2.8337 2.5321 2.4237 2.4074	445 480 1874 2281		986 986sp,1092ir 1874 2039 2228 2263		
0154-500 O		1 54 -50 0	11.4 9	1 56 -49 45	6.98 30.5	18.75			2.46			477 477				
0154-474 O		1 54 -47 29	14.1 40	1 56 -47 15	12.89 1.7	18.9			(1.85)			477 477				
0154-478 O		1 54 -47 49	14.7 18	1 56 -47 34	13.08 39.7	18.55			2.03			477 477				
0154-521 O		1 54 -52 11	17.1 55	1 56 -51 57	9.54 16.7	18			(0.40)			477 477				
0154+316 R	4C 31.06 B2	1 54 31 39	21.48 42.2	1 57 31 54	15.28 18.9	18.9			0.373	Mg II 2798 O II 3727 NeIII 3869 H I 4861 O III 4959 O III 5007		498 443		774		1194imag faint gal nearby,1344; 5.33 arcmin from V ZWG 150 5.67 arcmin from V ZWG 147 4 arcsec from anon gal,0.372 xgal,2118
0154-415 O	MD2:141	1 54 -41 33	25.26 27.6	1 56 -41 18	30.55 49.8	18.8			1.92	H I 1216 C IV 1549		1948 1948				1948phot mag
0154-020 O	UM 381 PB 6513	1 54 -2 2	37 6	1 57 -1 47	9.68 29.3	17.3			0.91	C III 1909 Mg II 2798		465 480				
0154-512 C		1 54 -51 14	41 48	1 56 -51 0	34.70 10.5	17.3			1.66 +	C IV 1549 C III 1909 Mg II 2798		432 432 477 1400		432 477fc		
0154-400 O	MD2:142	1 54 -40 1	43.37 42.3	1 56 -39 47	50.09 5.2	20.4			1.98	H I 1216		1948 1948				1948phot mag
0154-407 R	PKS	1 54 -40 43	55.53 42.1	1 57 -40 29	1.53 5.4	19.0			1.97	H I 1216 N V 1240 O IV 1402 C IV 1549		421 767		387 767 1966		
0154-377 O	MD2:143	1 54 -37 44	58.49 6.9	1 57 -37 29	7.29 30.4	19.7			2.21	H I 1216 C IV 1549		1948 1948				1948phot mag
0155-396 O	MD2:144	1 55 -39 40	7.65 18.4	1 57 -39 25	14.63 42.2	20.1			2.06	H I 1216		1948 1948				1948phot mag

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
0155-109	PKS R MSH 01-120 OC 192	1 55 14.06 -10 58 16.6	1 57 41.59 -10 43 41.1	17.09	.23	-.41	0.616	Mg II 2798 O II 3727 H I 4340 O III 4363 H I 4861		077	018		128 1966		056ubv,958, 1188sp, 958FeIIem	
0155-413	MD2:145 O	1 55 14.17 -41 20 2.0	1 57 19.50 -41 5 25.9	19.8			1.39	C IV 1549		1948	1948				1948phot mag	
0155-418	MD2:146 O	1 55 31.85 -41 50 56.9	1 57 36.60 -41 36 21.5	19.4			1.82	H I 1216		1948	1948				1948phot mag	
0155-489	O	1 55 35.8 -48 55 32	1 57 32.39 -48 40 56.5	18.8			(1.66)			477	477					
0155-428	MD2:147 O	1 55 37.85 -42 49 29.1	1 57 41.56 -42 34 53.9	19.9			1.57	C IV 1549		1948	1948				1948phot mag	
0155-502	O	1 55 39.8 -50 16 31	1 57 34.56 -50 1 55.6	19.7			(2.41)			477	477					
0155-494	PKS C R	1 55 42.2 -49 29 54	1 57 38.00 -49 15 18.7	18.4			1.298	C IV 1549 C III 1909 Mg II 2798		467	467 477 1400		467 477		477fc,1966rnd	
0155-375	MD2:148 O	1 55 43.10 -37 32 48.0	1 57 51.92 -37 18 13.1	19.1			2.11	H I 1216 C IV 1549		1948	1948				1948phot mag	
0155-404	MD2:149 O	1 55 47.36 -40 28 30.8	1 57 53.42 -40 13 55.9	19.8			2.30	H I 1216 C IV 1549		1948	1948				1948phot mag	
0155-501	C	1 55 52.5 -50 8 35	1 57 47.38 -49 54 0.1	18.8			1.978	Si IV 1397 O IV 1402 C IV 1549 C III 1909		467	467 477 1400				477fc	
0156+035	UM 153 O PB 6540	1 56 2.9 3 33 11	1 58 38.76 3 47 44.5	16.9			(0.66)	Mg II 2798		445	480				853rnd	
0156-422	MD2:150 O	1 56 13.27 -42 13 55.0	1 58 17.47 -41 59 21.0	20.2			1.60	C IV 1549 C III 1909		1948	1948				1948phot mag	
0156-409	MD2:151 O	1 56 19.50 -40 55 33.0	1 58 25.00 -40 40 59.3	19.2			2.96	H I 1216		1948	1948				1948phot mag	
0156-406	MD2:152 O	1 56 22.32 -40 39 2.9	1 58 28.08 -40 24 29.3	19.7			2.06	H I 1216		1948	1948				1948phot mag	
0156-414	MD2:153 O	1 56 25.36 -41 27 59.8	1 58 30.29 -41 13 26.3	17.2			1.48	C IV 1549 C III 1909		1948	1948				1948phot mag	
0156-372	MD2:154 O	1 56 26.24 -37 16 44.4	1 58 35.16 -37 2 11.0	19.3			2.21	H I 1216		1948	1948				1948phot mag	
0156-410	MD2:155 O	1 56 34.27 -41 2 36.1	1 58 39.60 -40 48 2.9	19.9			1.54	C IV 1549 C III 1909		1948	1948				1948phot mag	
0156+008	UM 384 O	1 56 35 0 50 42	1 59 9.32 1 5 14.4	17.56			0.216			465	2030				2030FeIIem	
0156+187	NGC 772 C UB 2	1 56 36 18 46 0	1 59 21.01 19 0 32.1	19.43	.22	.15	2.61				425				689ubv 5.87 arcmin from NGC 772; NGC 770 near, 2118	
0156-380	MD2:156 O	1 56 41.67 -38 0 35.0	1 58 49.88 -37 46 2.1	19.0			2.25	H I 1216 C IV 1549		1948	1948				1948phot mag	
0156-423	MD2:157 O	1 56 45.01 -42 23 21.4	1 58 48.92 -42 8 48.6	19.7			2.35	H I 1216 C IV 1549		1948	1948				1948phot mag	
0156-429	MD2:158 O	1 56 48.86 -42 54 41.6	1 58 52.21 -42 40 8.9	19.1			1.99	H I 1216 C IV 1549		1948	1948				1948phot mag	
0156-482	O	1 56 48.9 -48 14 55	1 58 46.02 -48 0 22.2	18.5			1.65			477	477					

TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0157-379 O	MD2:159	1 57 5.36 -37 56 52.7	1 59 13.55 -37 42 20.7	19.8					2.42	LYB H I	1026 1216	1948	1948			1948phot mag
0157-477 R	PKS	1 57 6 -47 45 36	1 59 3.66 -47 31 3.8	19.5					(1.04)			477	477		1519 1966	
0157-383 O	MD2:160	1 57 13.49 -38 22 57.3	1 59 21.25 -38 8 25.6	20.2					1.92	H I	1216	1948	1948			1948phot mag
0157-394 O	MD2:161	1 57 14.07 -39 26 54.4	1 59 20.82 -39 12 22.7	19.9					1.98	H I	1216	1948	1948			1948phot mag
0157+001 C X	MKN 1014 PG UM 385	1 57 15.8 0 9 10	1 59 49.72 0 23 41.0	15.69	.46	-.77	0.163	O III 4959 O III 5007				1275	1346 1117		2011	1345ubv,1487, 1980,2112x, 1617,1729, 2005,2018, 2029ir,1589, 1922,2047sp, 1748fc, 1912COem 1630,1700imag/ ext; IRAS source,1744, 1748; rnd at 11 cm,1757; faint gal near 1344,2118; 19.0 arcmin from NGC 768, 1650,2118;
0157-383 O	MD2:162	1 57 17.53 -38 21 6.8	1 59 25.30 -38 6 35.2	18.7					1.49	C IV 1549 C III 1909		1948	1948			1948phot mag 2.03 arcmin from 015713.49 -382257.3,1948
0157-409	B19.09	1 57 24.5 -40 57 33	1 59 29.73 -40 43 1.6	18.2					2.02			2277	2277			
0157+011 R	4C 01.05 MSH 01+014 OC 096 PKS PB 6562	1 57 29.38 1 10 40.7	2 0 3.89 1 25 11.2	18.5					1.17	C IV 1549 C III 1909 Mg II 2798		078	009		789 1111	440fc
0157-506 O		1 57 30.7 -50 39 41	1 59 24.35 -50 25 9.6	19.7					2.25			477	477			
0157-374 O	MD2:163	1 57 36.93 -37 29 7.3	1 59 45.44 -37 14 36.4	19.3					2.89	LYB H I	1026 1216	1948	1948			1948phot mag
0157-423 O	MD2:164	1 57 42.58 -42 23 35.6	1 59 46.27 -42 9 4.8	20.3					2.03	H I	1216	1948	1948			1948phot mag
0157-418 R	PKS MC	1 57 46.06 -41 50 32.0	1 59 50.31 -41 36 1.4	18.5					1.150	C IV 1549 C III 1909 Mg II 2798 Ne V 3426 O II 3727 NeIII 3869		1302	1861		387	
0157-391 O	MD2:165	1 57 50.69 -39 11 8.0	1 59 57.56 -38 56 37.6	18.5					2.47	H I	1216	1948	1948			1948phot mag
0158-490 C		1 58 0.6 -49 2 44	1 59 56.33 -48 48 13.7	17.85					0.306	Si IV 1397 O IV 1402 Mg II 2798 NeIII 3869 H I 4340 H I 4861 O III 4959 O III 5007 H I 6563		235	467 467 1400			761,1304sp, 477fc
0158-403 O	MD2:166	1 58 4.31 -40 18 10.8	2 0 10.05 -40 3 40.9	19.9					2.24	H I C IV	1216 1549	1948	1948			1948phot mag
0158+031 R	PKS	1 58 4.9 3 8 25	2 0 40.56 3 22 54.2	21.1					(0.765)	Mg II 2798		1418	1418			026fc

TABLE 1—*Continued*

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0158-519	PKS		1 58 7.2	1 59 58.75	18.6					2.39			477	477		477	1966	rnd
R			-51 58 2	-51 43 31.9														
0158-508			1 58 7.9	2 0 1.07	20					2.09			477	477				
O			-50 51 50	-50 37 19.9														
0158-503			1 58 13.2	2 0 7.10	19.55					1.93			477	477				
O			-50 19 57	-50 5 27.1														
0158-387	MD2:167		1 58 18.67	2 0 25.89	19.6					1.72	H I 1216 C IV 1549		1948	1948				1948phot mag
O			-38 43 10.5	-38 28 41.1														
0158-472			1 58 36.80	2 0 34.63	19.35					(0.490)			477	477				
O			-47 17 47.0	-47 3 18.1														
0158+183	4C 18.07		1 58 55.4	2 1 40.35	18.22					0.799	C III 1909 C II 2326 Mg II 2798		124	436		789		
R	PKS		18 21 40	18 36 7.1														
0159+036	UM 154		1 59 23.8	2 1 59.75	18.2					2.432	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		445	1803		480		853rnd,901pol
O	PB 6589		3 36 16	3 50 42.3														
0159-117	3C 57		1 59 30.4	2 1 57.23	16.66*	.10	-.80	0.669	C III 1909 Mg II 2798 O II 3727 H I 4340 H I 4861			079	051	006	128		003,007, 1485ubv,004, 1202pol,958, 1188,1467, 2229sp,780ir, 1526vlbi, 958FeIIem,057, 295fc 39 arcmin from IC 1767,2118; 1902avg Bmag	
R	PKS MSH 01-121 NRAO 88 OC 199		-11 47 0	-11 32 33.7										005	007	1111		
														1731	080	1888		
															212	1966		
															249			
															252			
															290			
															756			
															875			
															1068			
															1902			
0159-495			1 59 39.4	2 1 34.02	19.6					1.56			477	477				
O			-49 30 43	-49 16 16.3														
0159-200	MC		1 59 52.28	2 2 13.84	18.9					0.493	Mg II 2798 H I 4861 O III 5007		673	673		1966		1704fc
R			-20 2 44.8	-19 48 19.2														
0200-518			2 0 5	2 1 56.12	19.3					(0.83)			477	477				
O			-51 50 7	-51 35 41.1														
0200-089	1E		2 0 54	2 3 22.48	16.52					0.77			1696	1696				0.95 arcmin from anon gal, 0.015zgal, 17.4vgal,1696, 2118
X			-8 58 0	-8 43 36.8														
0201-489			2 1 5.5	2 3 0.45	18.7					1.02			477	477				
O			-48 57 53	-48 43 29.5														
0201-500			2 1 7.1	2 3 0.59	19.2					1.93			477	477				
O			-50 0 22	-49 45 58.5														
0201-029	1H		2 1 10	2 3 42.07	16.88	.17	-.71	0.501+					2176	2176				pos from HEAO cat
X			-2 58 11	-2 43 48.5														
0201-504			2 1 52.3	2 3 44.93	18.05					(3.07)			477	477				
O			-50 26 48	-50 12 26.1														
0201-474			2 1 53.2	2 3 49.98	19.3					(2.25)			477	477				
O			-47 25 25	-47 11 3.3														
0201+365	UT		2 1 56.2	2 4 55.50	17.5					2.912*	H I 1216 2.8057 Si IV 1397 2.6909 O IV 1402 2.5545 C IV 1549 2.4600 2.4241 2.3260 1.3012 1.2956	1437 1874 1437				1874 2228 2263	damped Ly alpha,z=2.46 1874,2243	
R			36 34 58	36 49 18.0														

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC (1950)			DEC (2000)										Z	VAR	R	ABS	
0202-765	PKS R MSH 01-71	2 2 0.19 -76 34 28.8	2 2 13.08 -76 20 5.3	16.77*	.06	-.77	0.389	Mg II 2798 O II 3727 H I 4340 H I 4861 O III 4959 O III 5007					495	493	745 2054	023 1966		333,736ubv, 886ir,761, 1083,1304sp, 1222elp,333fc, 1526vlbi, 1898pos, 2145imag	
0202+319	DW R B2 PKS GC	2 2 9.66 31 58 10.8	2 5 4.93 32 12 30.4	18.23			1.466	Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798					081	073 443 748		128 1297 1544		1201pol, 750pos,1181sp, 1805mmvar, 1789mm, 1526vlbi, 1617ir	
0202-460	C22.30	2 2 9.9 -46 2 5	2 4 8.35 -45 47 43.9	18.3			1.88						2277	2277					
0202-499	O	2 2 23.2 -49 54 47	2 4 16.45 -49 40 26.3	20			2.36						477	477					
0202-512	C	2 2 27.3 -51 12 24	2 4 18.63 -50 58 3.4	17.95			1.685	C IV 1549 C III 1909					467	467 477 1400				477fc	
0202-172	PKS R	2 2 34.55 -17 15 39.3	2 4 57.72 -17 1 19.7	16.99			1.74						055	134 1305	253 290	775 1162 1395 1399 1966 1976		1399,1617ir, 057fc, 1483rvar, 1526vlbi 1902avg ph mag	
0202-462	C22.31	2 2 37.4 -46 13 31	2 4 35.50 -45 59 10.9	19.1			3.24						2277	2277					
0202-477	O	2 2 39.4 -47 46 12	2 4 35.51 -47 31 52.0	18.5			2.19						477	477					
0203-498	O	2 3 0.5 -49 49 28	2 4 53.69 -49 35 8.7	17.95			2.54						477	477					
0203-520	PKS R	2 3 0.9 -52 1 17	2 4 50.80 -51 46 57.7	17.55			1.42						477	477 1400		477		1966rnd	
0203+151	O	2 3 7.3 15 9 7	2 5 50.49 15 23 24.8	20.3			2.00	H I 1216 C IV 1549					1439	1439					
0203+152	O	2 3 8.4 15 17 4	2 5 51.67 15 31 21.7	19.7			2.38	H I 1216 C IV 1549					1439	1439					
0203-497	O	2 3 12.1 -49 44 6	2 5 5.36 -49 29 47.1	17.7			1.42						477	477 1400				761sp	
0203-396	B19.14	2 3 35.6 -39 41 42	2 5 40.79 -39 27 24.3	18.0			2.60						2277	2277					
0203+150	O	2 3 38.4 15 1 5	2 6 21.54 15 15 21.6	19.9			2.10	H I 1216 C IV 1549					1439	1439					
0204-504	O	2 4 20.8 -50 29 42	2 6 12.62 -50 15 25.7	18.8			2.08						477	477					
0204-515	O	2 4 33 -51 33 48	2 6 23.13 -51 19 32.1	19.35			(0.99)						477	477					
0204-520	O	2 4 55.3 -52 0 53	2 6 44.60 -51 46 38.0	18.5			1.48						477	477					

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0205+024	NAB	2 5 14.53	2 7 49.88	15.39	.35	-.85	0.155	Mg II 2798		016	016		850		746,1451ubv,
	C MKN 586	2 28 42.7	2 42 55.9					H I 4102			480		921		705,1202pol,
	X PB 6679							H I 4340					1165		1382mm,780,
	R							H I 4861							799,921,992,
															1319,1617ir,
															1183,1359,
															1842x,956,
															1420sp,749pos,
															819ext,853rnd,
															921phot,465,
															499,746fc,
															1420,
															2100FeIIem,
															2061uv,
															2174varnd
															1630,1700imag/
															ext; rnd at
															11cm,1757;
															2.4 arcmin
															from UGC 1621,
															1650,2118;
0205-379		2 5 19.4	2 7 25.99	17.4			2.42	* H I 1216		441	441		846		912,1488x,
	O	-37 56 7	-37 41 53.3					N V 1240			478		904		2020sp
	X							Si IV 1397			2199				abs meas but
	R							O IV 1402							no sys
								C IV 1549							identified,
															1747;
0205-486		2 5 21.3	2 7 15.52	19.85			2.22			477	477				
	O	-48 37 1	-48 22 47.1												
0205-490		2 5 43.3	2 7 36.81	18.8			1.42			477	477				
	O	-49 2 56	-48 48 42.9												
0205+150		2 5 44.8	2 8 28.07	20.5			2.40	H I 1216		1439	1439				
	O	15 0 41	15 14 52.8					C IV 1549							
0205-488		2 5 53.7	2 7 47.49	19.15			2.01			477	477				
	O	-48 49 8	-48 34 55.3												
0206-395	B19.16	2 6 1.1	2 8 5.98	18.2			2.2			2277	2277				
		-39 30 35	-39 16 22.8												
0206-518		2 6 8.7	2 7 57.83	19			2.31			477	477				
	O	-51 52 38	-51 38 25.8												
0206+001	UM 400	2 6 11	2 8 44.92	18.1			1.896	C IV 1549		465	480				
	O PB 6690	0 8 42	0 22 53.0					C III 1909			2251				
0206+293	B2	2 6 14.97	2 9 8.66	19			2.195	H I 1216		078	009		1520		
	R	29 18 34.7	29 32 45.1					C IV 1549					1818		
0206-491		2 6 34.1	2 8 27.29	19.05			(0.34)			477	477				
	O	-49 6 22	-48 52 10.8												
0207-493		2 7 13.9	2 9 6.56	19.8			2.20			477	477				
	O	-49 20 47	-49 6 37.3												
0207-003	UM 402	2 7 17	2 9 50.64	17.7			2.853*	O VI 1034 2.8871		465	1874			911	911,986sp,
	O MCS 402	-0 19 6	-0 4 57.5					H I 1216 2.5915			480			1872	1092ir,901pol
	PB 6709B							Si IV 1397 2.5744			1872			1873	Ly limit abs,
								O IV 1402 2.5231			2281			1874	z=2.531,1874,
								C IV 1549 1.1466						1994	1994
								1.0441						2206	
														2228	
														2263	
0207+006	UM 403	2 7 19	2 9 53.26	18	*		2.19	H I 1216		465	480	752			
	O	0 41 24	0 55 32.4					C IV 1549							

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION		Z(ABS)	ID	REFERENCES				NOTES
		DEC (1950)		DEC (2000)						LINES				Z	VAR	R	ABS	
0207-398		2 7 24.3		2 9 28.50		17.15	.20	-.10	2.813*	O VI 1034	2.4787	330	1138			535	846rnd,912,	
O		-39 53 50		-39 39 41.0						H I 1216						954	1488,1980x,	
X										N V 1240						2020	331,911,954,	
										Si II 1263						2228	2020sp,	
										O I 1304						2263	1485Subv	
										C II 1335							Ly alpha abs,	
										Si IV 1397							1870	
										C IV 1549								
										C III 1909								
0207-519		2 7 41.3		2 9 29.85		19.55			2.16				477	477				
O		-51 56 29		-51 42 20.3														
0208+017	UM 405	2 8 20.4		2 10 55.32		19.4 *			0.22	Mg II 2798			465	1025	752		1042pos	
O		1 44 44		1 58 50.0														
0208-018	UM 407	2 8 37		2 11 9.70		18.4			0.56	Mg II 2798			465	1025			1042pos	
O	PB 6721	-1 48 48		-1 34 42.6													4.75 arcmin from NGC 850, 2118	
0208-516		2 8 49.9		2 10 38.50		19.45			(1.89)				477	477				
O		-51 41 19		-51 27 13.0														
0208-512	PKS	2 8 56.94		2 10 46.20		16.93	.56	-.72	1.003	C III 1909			031	024		1503	761,1304sp,	
R		-51 15 7.7		-51 1 2.0						Mg II 2798				477		1966	1485Subv,477fc, 1526vlbi,1800, 2103pol,1897, 1898pos	
														1400				
0209-521		2 9 22.9		2 11 10.58		19.5			(1.04)				477	477				
O		-52 8 43		-51 54 38.3														
0209-502		2 9 33.2		2 11 23.85		18.4			(0.86)				477	477				
O		-50 14 39		-50 0 34.7														
0209-523		2 9 39.6		2 11 26.85		19.35			1.64				477	477				
O		-52 21 1		-52 6 56.9														
0209-204	MC	2 9 42.6		2 12 2.96		18.8			1.823+	Mg II 2798			673	673		1818	673	1526vlbi,
R		-20 28 14.1		-20 14 10.9						H I 4861								1704fc, 1966rnd
										O III 5007								
0209-487		2 9 56.6		2 11 49.42		19.15			2.24				477	477				
O		-48 42 4		-48 28 0.7														
0209-418		2 9 57		2 11 58.54		19			1.97	H I 1216			478	478				846rnd
O		-41 50 41		-41 36 37.9						N V 1240								
										C IV 1549								
0209-491		2 9 59.7		2 11 51.92		18.6			(0.78)				477	477				
O		-49 6 27		-48 52 23.8														
0210-477		2 10 2		2 11 56.20		20			(2.43)				477	477				
O		-47 42 16		-47 28 12.9														
0210+860	3CR61.1	2 10 49		2 22 48.21		19			0.184	H I 4340			082	082		917		696,912x,
R	BSO	86 5 10		86 18 58.6						H I 4861				334		937		1280vlbi,
X	RN 8 BS									O III 4959						1891		301fc,334sp
										O III 5007								12 arcsec from
										H I 6563								anon gal,0.180
																		zgal, 1.42
																		arcmin from
																		anon gal,0.188
																		zgal, 1.42
																		arcmin from
																		anon gal,0.113
																		zgal,2118
0210-524		2 10 51.3		2 12 37.94		19.15			(2.33)				477	477				
O		-52 29 21		-52 15 19.7														
0211+318		2 11 6.1		2 14 2.66		21			1.31	Ne IV 2424				1205				
		31 51 52.0		32 5 50.9						Mg II 2798								
0211-519		2 11 25.9		2 13 13.28		19.1			2.37				477	477				
O		-51 56 18		-51 42 18.1														

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC	(1950)		DEC	(2000)									Z	VAR	R	ABS	
0211-520 O		2 11 26.4 -52 1 10		2 13 13.64 -51 47 10.1		18.1				0.10				477	477				
0211+171 R	MC 3	2 11 59.74 17 8 51.8		2 14 44.91 17 22 48.8		18				0.472	H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		1111	019			1111 1161		
0212-489 O		2 12 15.6 -48 58 18		2 14 7.38 -48 44 20.2		18.9				2.13				477	477				
0212-493 O		2 12 25.4 -49 21 58		2 14 16.55 -49 8 0.6		19.15				2.42				477	477				
0212+735 R X	S5	2 12 49.97 73 35 40.5		2 17 30.85 73 49 33.0		19				2.367	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798		865	1540			933 1441 1555 1667 1793 2070 2144 2162	933x,933, 2103pol,996, 1280,1526, 1862vlbi,1789, 1855mm, 2144rvar superluminal source	
0212-477 O		2 12 58.5 -47 45 54		2 14 51.83 -47 31 58.0		19.15				2.30				477	477				
0213-386	B20.10	2 13 5.5 -38 37 55		2 15 9.89 -38 23 59.5		18.1				1.63				2277	2277				
0213-498 O		2 13 30.4 -49 49 28		2 15 20.54 -49 35 33.2		19.5				(2.48)				477	477				
0213+013 O	UM 415 PB 6793	2 13 31 1 23 48		2 16 5.74 1 37 41.7		17				1.443	C IV 1549		465	480 2251					
0213-492 O		2 13 34.6 -49 16 41		2 15 25.56 -49 2 46.4		18.85				(0.40)				477	477				
0213-478 O		2 13 42.8 -47 51 12		2 15 35.81 -47 37 17.7		18.2				2.15				477	477				
0213-484 C		2 13 52.6 -48 26 55		2 15 44.70 -48 13 1.1		17.5	.50	-.80	0.168	Ne V 3426 H I 4340 H I 4861 O III 4959 O III 5007 H I 6563		235 467 1400	467 477				235subv,761, 1304sp,477fc, 1630imag		
0214-393	B20.11	2 14 19.5 -39 21 35		2 16 22.87 -39 7 42.5		18.0				2.75				2277	2277				
0214+108 R	PKS 4C 10.06 OD 124	2 14 26.69 10 50 18.7		2 17 7.67 11 4 9.9		17	*			0.408	H I 4340 H I 4861 O III 4959 O III 5007		083	083	1201	775	705,1202pol, 749pos, 1320rpol, 1194imag, 1159vlbi, 1222elp,087fc		
0214-477 O		2 14 30.4 -47 45 17		2 16 23.34 -47 31 24.7		18.15				1.44				477	477				
0214-033 X		2 14 57.3 -3 21 52		2 17 28.94 -3 8 1.8		16.8	-.10			0.323				1314	1314			1207,1261imag 1314strong FeII	
0215-471 O		2 15 11.8 -47 6 50		2 17 5.46 -46 52 59.4		19.9				3.00				477	477				



TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS			
0215+015 BL Lac R X	PKS OD 026	2 15 14.12 1 31 0.5	2 17 48.95 1 44 50.0	18.33*					1.715*	H I 1216 C IV 1549 1.6855 1.6492 1.6441 1.5475 1.4909 1.3438 1.2547	026 1524	649 789 768 676 1367 977 1802 1557 1036 2174 1976 1054			676,977,1087, 1541,1626pol, 1327,1348uv, 1036,1108absr, 1327 781,1144ir, 1511 436,977,1665, 1524 1752sp,649fc, 1624 1088,1441, 1969 2112x 2228 IRAS source, 2263 1806		
0215-489 O		2 15 16.6 -48 59 4	2 17 7.52 -48 45 13.5	19.4					0.35		477 477						
0215-167 R	MC	2 15 34.74 -16 44 59.3	2 17 57.28 -16 31 10.3	19.5					0.516	Mg II 2798 He I 3188 Ne V 3426 O II 3727 NeIII 3869 H I 3889 O III 4363 He I 4471 H I 4861 O III 4959 O III 5007	466 466		1518 1966				
0215-504 O		2 15 36.9 -50 29 22	2 17 25.39 -50 15 32.3	19.25					(2.62)		477 477						
0215-484 O		2 15 43.3 -48 27 37	2 17 34.89 -48 13 47.6	19.1					2.22		477 477						
0215+315 R	5C6.189	2 15 45.21 31 35 39.2	2 18 42.23 31 49 26.8	19					0.597	Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 H I 3889 He 3970 H I 4102 H I 4340 H I 4861	797 1205						
0215+165 R		2 15 55.33 16 32 23.8	2 18 40.36 16 46 11.3	18					1.90	H I 1216 Si IV 1397 O IV 1402 C IV 1549	476 476						
0215-525 O		2 15 57.4 -52 34 49	2 17 42.27 -52 21 0.0	19.2					(2.39)		477 477						
0216-496 O		2 16 9.2 -49 36 37	2 17 58.92 -49 22 48.6	19.25					2.00		477 477						
0216+080 O		2 16 18.11 8 3 40.6	2 18 57.29 8 17 27.3	18.1					2.996*	O VI 1034 H I 1216 2.3361 Si IV 1397 2.2931 O IV 1402 2.2831 C IV 1549 1.7690 1.5103	1440 1440 1872 1874 1874 2228 2281 2263			1872 prob damped Ly 1874 alpha,z=2.29, 2228 1874 2263			
0216-482 O		2 16 21.1 -48 15 48	2 18 12.81 -48 2 0.2	19.3					2.21		477 477						
0216-488 O		2 16 38.1 -48 49 18	2 18 28.90 -48 35 30.8	18.25					(1.60)		477 477						
0217+417 W1		2 17 6.45 41 43 53.9	2 20 14.24 41 57 37.9	19.09	.47	-.51	(1.43)				530 689				689ubv		
0217-520 O		2 17 35.9 -52 0 40	2 19 21.26 -51 46 55.1	19.2					(0.49)		477 477						
0219+443 R	B3	2 19 6.20 44 18 17.8	2 22 17.67 44 31 56.7	17.3					0.850	Mg II 2798 H I 4340 H I 4861 O III 4959 O III 5007	1990 2078						

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
0219+428 BL Lac R X	3C 66A	2 19 29.99 42 48 30.4		2 22 39.62 43 2 8.3		15.58*	.33	-.58	(0.444)	Mg II 2798		650	553	734 907 875 925 970 1084 1068 1127 1657 1160 1733 1367 1791 1557 1834 1888 1895 1902 1932 2073 2174 2271		323,528,648, 650ubv,323, 642,1087,1541, 1626,1730, 1988,2062, 2167pol,1053, 1348uv,1164, 1254mf, 1336rvar, 1144ir,1013, 1389phot,778, 1052,1057, 2107,2112x, 749pos,1053, 1733,1767xvar, 009sp 2.43 arcmin from UGC 1832, 3.7 arcmin from UGC 1837, 6.5 arcmin from UGC 1841 (3C 66B),41.7 arcmin from NGC 891,1650, 2118;IRAS source,1806; 1902avg Bmag
0219-164 BL Lac R	PKS	2 19 38.30 -16 28 55.4		2 22 0.75 -16 15 16.5		19.0 *						412		1206 1966		412rvar,1206, 1988,2062pol, 1206fc,2112x
0220-091 X	1E	2 20 0 -9 10 0		2 22 27.61 -8 56 22.2					0.16	H I 4102 H I 4340 H I 4861 O III 4959 O III 5007			707			
0220-142 R	UT	2 20 14.8 -14 12 41		2 22 38.85 -13 59 3.7		18.5			2.43	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1437	1437			
0221-163 R	PKS	2 21 11 -16 22 24		2 23 33.42 -16 8 49.0		19.6			(0.7)	Mg II 2798			1304			761sp
0221+067 R	PKS	2 21 49.96 6 45 50		2 24 28.43 6 59 22.8		19.0			0.511+	Mg II 2798 O II 3727 H I 4861 O III 4959 O III 5007		078	1861		1861 1861	
0222-415 O		2 22 4.9 -41 31 29		2 24 4.22 -41 17 55.7		17.7			2.00	C IV 1549 C III 1909		478	478			846rnd
0222+000 R	PKS	2 22 34.2 0 3 38		2 25 8.08 0 17 9.1		19			0.523	Mg II 2798 Ar IV 2854 Ne V 3426 O II 3727		026	024		351 1527 1888	436,761, 1304sp
0222-008 R 4C 00.12	PKS	2 22 34.63 -0 49 3.4		2 25 7.91 -0 35 32.3		18.4			0.687	Mg II 2798 Ne V 2974 O II 3727 NeIII 3869 NeIII 3968 O III 5007		078	410		789 1111 1527 1888	436,761, 1304sp, 1320rpol
0223+113 R	MC 2	2 23 0.10 11 20 55.0		2 25 41.84 11 34 24.7		18			0.924	Mg II 2798 Ne V 2974 O III 3133 Ne V 3426 O II 3727 NeIII 3869 H I 4340		415 027		1111		1111pos

TABLE 1—Continued

		OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
			DEC (1950)		DEC (2000)								ID	Z	VAR	R	
0223+175 R	MC 3		2 23 26.23 17 30 22.1	2 26 12.52 17 43 50.6	18				0.655	NeIII 3869 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		019					
0223+012 R	PKS		2 23 35.04 1 16 0.6	2 26 9.75 1 29 29.0					1.369	C IV 1549 C III 1909 Mg II 2798		026	1997				
0224-206 R	MC		2 24 24.06 -20 39 5.0	2 26 42.97 -20 25 38.2	18.7				0.788	C III 1909 Mg II 2798		1704	1848 1704				
0224-419 O			2 24 43.8 -41 57 43	2 26 42.03 -41 44 16.5	18.4				2.13 +	C IV 1549 C III 1909		478	478		478	846rnd	
0225-449	C24.01		2 25 5.2 -44 57 19	2 26 59.43 -44 43 53.4	19.2				(1.70)			2277	2277			2277BAL	
0225-015 C	NGC 936 UB 1		2 25 15.0 -1 33 0	2 27 47.76 -1 19 35.8	19.6				1.13			948	948				
0225-014 R	PKS 4C 01.11 OD 043		2 25 35.03 -1 29 3.9	2 28 7.83 -1 15 40.6	18.15				2.042*	H I 1216 Si IV 1397 C IV 1549 He II 1640 C III 1909 C II 2326	1.9976	083	436 2049 2281		775 2049 789 2263 1527 1818 1877 1891	026fc,1818pos, 2266imag 1795rpol jet 10 arcmin from NGC 936, 8.98 arcmin from NGC 941,2118	
0226-038 C X R	PHL 1305 PKS 4C 03.07 OD 044		2 26 22.12 -3 50 59.5	2 28 53.26 -3 37 38.2	16.96	.07	-.82		2.066*	H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 C IV 1549 He II 1640	2.0435	001	002 005 084 569 1872 2281		128 327 789 1000 1877 1747 1872 2228 2263	001,003ubv, 705,1202pol, 912x,1000, 1032,1181, 2251sp, 1513elp,026fc, 1526vlbi, 1898pos, 2174varnd	
0226-106 X R	UT		2 26 55.1 -10 41 10	2 29 21.35 -10 27 50.0	18.32				0.62	Ne V 3426 O II 3727 NeIII 3869 H I 4102		1437 1696	1437			1696x 9.72 arcmin from NGC 948, 2118; 0.87 arcmin from anon gal, 0.036zgal,17.5 vgal,1696,2118	
0227-403	B20.15		2 27 17.5 -40 23 56	2 29 17.12 -40 10 36.3	19.3				(1.75)			2277	2277			2277BAL	
0229+131 R X GC	PKS 4C 13.14 OD 148 GC		2 29 2.35 13 9 41	2 31 45.72 13 22 54.9	17.03	.25	-.73		2.067*	H I 1216 C IV 1549	1.9584 1.9024 1.8622 1.4698 0.4177 0.3723	055	054 005 1872		128 054 955 1872 1297 1873 2070 2228 2263	059,299ubv, 955x,1201, 2103pol,831, 1181sp, 1513elp, 1617ir, 1526vlbi, 1789mm 1902avg ph mag nearby gal, 0.417zgal,2262	
0229+341 R	3CR 68.1 4C 34.08 NRAO 105 DA 78		2 29 27.24 34 10 34.1	2 32 28.88 34 23 46.3	19				1.238	C IV 1549 C III 1909 Mg II 2798 O II 3727		301	302 137		787 917 1476 1804 1891 1998 2013	900,1201pol, 1356x,799, 1031,1172ir	

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0231+022		PKS R PHL 1352	2 31 14.6 2 16 18	2 33 50.07 2 29 26.2	18					0.322	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4861 O III 4959 O III 5007		083	083		351		1630,1911mag, 026fc
0231-410			2 31 54.5 -41 4 22	2 33 52.37 -40 51 14.6	19.9					2.285	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		431	431 478				846rnd
0232-230			2 32 3.73 -23 3 11.6	2 34 19.96 -22 50 5.1	19.93					2.26	C IV 1549		2289	2289				
0232-042		PHL 1377 C 4C 04.06 R PKS OD 055	2 32 36.60 -4 15 11.0	2 35 7.35 -4 2 6.4	16.46*	.15	-.89	1.436+	C IV 1549 C III 1909	1.425	001	085 005 054 247 248 252 290 1142	085 080 775 2075 2228	128 954	954	001,003, 1485ubv,004, 705,1202pol, 1305ir,954, 2251sp, 1526vlbi,055, 086,295fc, 1898pos, 1941uv 1795rpol jet		
0233-025		4C 02.12 R PKS OD 056	2 33 0.56 -2 32 34.8	2 35 32.55 -2 19 31.3	19.13				1.322	C IV 1549 He II 1640 C III 1909 Mg II 2798		026	084 436		775 789 1111 1527		087fc	
0233-244			2 33 1.41 -24 28 31.9	2 35 16.32 -24 15 27.9	19.43				1.43	C IV 1549		2289	2289					
0233-245			2 33 14.60 -24 30 0.2	2 35 29.46 -24 16 56.8	18.93				1.82	C IV 1549		2289	2289					
0234-301		PKS R	2 34 22 -30 6 52	2 36 31.55 -29 53 51.6	18				2.102+	H I 1216 N V 1240 O I 1304 C II 1335 Si IV 1397 O IV 1402 C IV 1549		025	024		384	024	761,1304sp, 1526vlbi, 1966rnd	
0234+013		PC O	2 34 22.5 1 20 33	2 36 57.32 1 33 32.7	20.3				3.301			1698	1698				1698rmag	
0234-232			2 34 32.44 -23 15 18.4	2 36 48.26 -23 2 18.6	19.33				1.17	C IV 1549		2289	2289					
0234+285		4C 28.07 R OD 258 X B2 GC	2 34 55.6 28 35 8	2 37 52.42 28 48 5.5	18.91				1.213	C IV 1549 C III 1909 Mg II 2798		078 222	443 476 748 831		955 1543 1807 2070		1112,1526, 1919vlbi,955x, 1181sp, 1336rvar, 1617ir,1789mm, 2103pol	
0235-223			2 35 13.82 -22 23 6.4	2 37 30.32 -22 10 8.5	19.63				1.96	C IV 1549		2289	2289					
0235-226			2 35 17.47 -22 36 30.0	2 37 33.77 -22 23 32.3	19.93				2.24	C IV 1549		2289	2289					
0235-238			2 35 22.11 -23 48 8.0	2 37 37.37 -23 35 10.5	19.53				1.91	C IV 1549		2289	2289					
0235-228			2 35 41.21 -22 50 51.5	2 37 57.27 -22 37 54.9	19.33				2.24	C IV 1549		2289	2289					
0235-454		C24.09	2 35 47.9 -45 29 24	2 37 38.88 -45 16 27.0	17.9				(1.70)			2277	2277				2277BAL	

TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
									ID	Z	VAR	R	ABS	
0235+164 AO BL Lac R OD 160 X GC	2 35 52.6 16 24 5	2 38 38.90 16 37 0.2	15.5 *	.96	.14	0.94 *	Mg II 2798 Ne V 3426 O II 3727 O III 5007	0.852 0.5242	304 1574 1714	339 340 341 827 755 837 854 907 997 955 1068 1084 1802 1127 1933 1160 2019 1212 2174 1229 2271 1239	795 338 816 341 489 972 577 1626 1714 1988 2228 2062 2244 1013 2263 1389 1164 1357 1212 899 1229 2041 1239 1348	338 339 341 642 489 972 577 1626 1714 1988 2228 2062 2244 1013 2263 1389 1164 1357 1212 899 1229 2041 1239 1348	338 339 341 642 489 972 577 1626 1714 1988 2228 2062 2244 1013 2263 1389 1164 1357 1212 899 1229 2041 1239 1348	339,341ubv, 642,703,877, 972,1087,1541, 1626,1730, 1988,2046, 2062,2103pol, 1013,1056, 1389phot,1164, 1357,1971mf, 899,1388, 2041rpol,1043, 1348uv,869, 936,1008,1086, 1119,1173, 1225,1322, 1336,1661, 1853rvar,955, 1057,1307, 2107,2112x, 781,1012,1144, 1580ir, 1037absr, 750pos,019, 338,339,341sp, 339fc, 1753xvar, 1789mm, 1805mmvar, 1959,2095imag IRAS source, 1806; 5.6arcsec from compan gal, 0.524zgal,2178 2262; grav lens?,1899, 1950;2 arcsec from anon gal, 0.524zgal, 2118,2141
0235+023 PKS R	2 35 57.14 2 20 53.7	2 38 32.71 2 33 49.0	17.70			0.209	Ne V 3345 Ne V 3426 O II 3727 Ne III 3869 O III 4363 H I 4861 O III 4959 O III 5007 H I 6563 S II 6717		1527 1997					1997Bmag
0235-234	2 35 59.69 -23 25 9.5	2 38 15.22 -23 12 13.7	19.13			2.17	C IV 1549		2289 2289					
0236-181 UM 676 O PHL 4226	2 36 11.5 -18 10 51	2 38 31.44 -17 57 55.9	18.4			1.87	H I 1216 N V 1240 C IV 1549		1025 1025 1871					
0236-228	2 36 20.60 -22 50 0.9	2 38 36.61 -22 37 6.1	19.73			2.40	C IV 1549		2289 2289					
0236-230	2 36 23.75 -23 5 7.9	2 38 39.53 -22 52 13.2	19.03			1.36	C IV 1549		2289 2289					
0236-231	2 36 32.78 -23 10 36.1	2 38 48.47 -22 57 41.9	19.73			1.14	C IV 1549		2289 2289					
0236-242	2 36 38.10 -24 13 53.1	2 38 52.85 -24 0 59.1	19.63			2.22	C IV 1549		2289 2289					
0236-241	2 36 39.51 -24 11 18.9	2 38 54.30 -23 58 24.9	19.53			2.37	C IV 1549		2289 2289					
0236-015 PKS R	2 36 40.87 -1 31 9.3	2 39 13.58 -1 18 15.9	18.80			1.794	C IV 1549 C III 1909 Mg II 2798		1527 1997					1997Bmag

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
0236-247		2 36 43.24 -24 47 26.6	2 38 57.48 -24 34 32.8	19.93					2.38	C IV 1549		2289	2289			
0236-239		2 36 48.59 -23 58 17.3	2 39 3.56 -23 45 23.8	19.83					2.37	C IV 1549		2289	2289			
0237+143 R		2 37 4.17 14 20 43.4	2 39 48.90 14 33 35.3	19					(0.586)	Mg II 2798		476	476			
0237-227		2 37 7.40 -22 43 57.7	2 39 23.42 -22 31 5.1	18.03					2.57	C IV 1549		2289	2289			
0237-027 R X	PKS	2 37 13.71 -2 47 32.5	2 39 45.47 -2 34 40.6	21.0					1.116	Mg II 2798		026	1418	023 1527	1418FeIIem, 1526vlbi,955x	
0237+040 R X	OD 062 PKS GC	2 37 14.3 4 3 17	2 39 51.16 4 16 8.7	18.5					0.978	C III 1909 Mg II 2798		010	443	010	831sp, 1526vlbi, 1241x	
0237-236		2 37 14.42 -23 37 34.3	2 39 29.65 -23 24 42.0	19.93					2.36	C IV 1549		2289	2289		near QSO PKS 0237-233	
0237+399 X	E	2 37 51.0 39 54 32	2 41 0.70 40 7 21.0	18.3	.10				0.528	H I 4861 O III 5007		1417	1417		1417x,1910sp	
0237-233 R X	PKS PHL 8462 OD 263	2 37 52.72 -23 22 8.5	2 40 8.11 -23 9 18.0	16.63*	.15	-.61	2.225*	H I 1216 2.2028 N V 1240 2.0422 Si II 1263 1.6754 O I 1304 1.6724 C II 1335 1.6604 Si IV 1397 1.6576 O IV 1402 1.6362 C IV 1549 1.6109 He II 1640 1.5959 O III 1663 1.3652 C III 1909	086 088 006 128 034 089 212 1169 036 569 290 1544 088 2199 2054 1966 089 2281 2139 090 2281 2162 091 2289 092 093 562 677 678 1000 1263 1394 1747 1872 2228 2263				088ubv,1201, 2103pol,780, 799,886, 1983ir,324, 761,1000,1304, 2251sp,865pos, 873,1980x, 1218,1941uv, 1526vlbi,088, 109,300fc, 1805mm Ly alpha abs, 562			
0237+185 R		2 37 54.6 18 35 10.3	2 40 42.83 18 47 59.8	19					1.297	C IV 1549 C III 1909		476	476			
0238-315 O	NGC 1097 QSO 2	2 38 5.4 -31 32 26	2 40 13.03 -31 19 35.8	19.5					2.143	H I 1216 C IV 1549 C III 1909		1245	1245		101.13 arcmin from NGC 1097, 1245,2118	
0238-238		2 38 20.39 -23 51 51.7	2 40 35.30 -23 39 2.4	19.83					1.79	C IV 1549		2289	2289			
0238-301 O	NGC 1097 QSO 3	2 38 22.8 -30 10 33	2 40 31.77 -29 57 43.7	19.0					2.265	H I 1216 C IV 1549 C III 1909		1245	1245		77.36 arcmin from NGC 1097, 1245,2118	
0238-382 O		2 38 26.5 -38 17 14	2 40 26.59 -38 4 24.6	18.7					2.26	C IV 1549 C III 1909		478	478		846rnd	
0238-310 O	NGC 1097 QSO 6	2 38 39.9 -31 5 18	2 40 47.91 -30 52 29.5	19.0					2.034	C IV 1549 C III 1909		1245	1245		80.06 arcmin from NGC 1097, 1245,2118	
0238+100 R	MC 5	2 38 40.70 10 5 59.5	2 41 22.19 10 18 47.0	18					1.832*	C II 1335 -.0001 C IV 1549 He II 1640 O III 1663 C III 1909		415 2049 2281	1778 2049 1818 2263 1976		1818,1891pos, 2049sp	
0239-232		2 39 7.93 -23 13 36.4	2 41 23.33 -23 0 49.4	19.83					1.72	C IV 1549		2289	2289			
0239-367	A23.16	2 39 20.9 -36 45 41	2 41 22.64 -36 32 54.2	19.2					3.10			2277	2277			

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0239-154 O	UM 677	2 39 35.3 -15 27 20	2 41 57.22 -15 14 34.5	18.6			2.786*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.4688 1.3035 0.9530 0.9060 0.8379	1025 1025 1874 2281				1874 2228 2263	9.13 arcmin from NGC 1065, 2118
0239-420 O		2 39 44.1 -42 1 26	2 41 39.16 -41 48 40.1	18.6			2.30	H I 1216 N V 1240 C IV 1549		478 478					846rnd
0239-239		2 39 50.46 -23 57 38.4	2 42 5.13 -23 44 53.4	19.13			2.63	C IV 1549		2289 2289					
0240+007 X	PB 6856 PHL 1443	2 40 3.9 0 43 45	2 42 38.29 0 56 28.8	17.0 *	-0.50		0.569			1265 1265 1427					1265subv, 1209ext
0240-021 R	PKS	2 40 15.44 -2 10 33.3	2 42 47.63 -1 57 50.0	19.69			0.617	C II 2326 Mg II 2798 O II 3727 NeIII 3869 O III 4959 O III 5007		1527 1997					1997Bmag
0240-021 O		2 40 36.7 -2 10 29	2 43 8.89 -1 57 46.7				1.900	C IV 1549 C III 1909		1429 1429					
0240-236 A		2 40 37.00 -23 39 17.2	2 42 51.87 -23 26 34.4	19.73			0.68	C IV 1549		2289 2289					
0240-060 R	GC PKS OD 068	2 40 43.13 -6 3 37	2 43 12.36 -5 50 54.9	19			1.238	C IV 1549 C III 1909		296 1305 044 578					
0240-309 O	NGC 1097 QSO 7	2 40 49.3 -30 57 39	2 42 57.15 -30 44 56.5	18.5			0.374	Mg II 2798		1245 1245					52.24 arcmin from NGC 1097, 1245,2118
0240+027 O		2 40 49.9 2 42 42	2 43 25.79 2 55 23.6				1.221	C III 1909 Mg II 2798		1429 1429					
0240-236 B		2 40 54.03 -23 39 31.5	2 43 8.87 -23 26 49.5	18.93			1.48	C IV 1549		2289 2289					
0240+011 C R	NGC 1073 BSO 2 OD 068	2 40 58.62 1 8 54.8	2 43 33.33 1 21 36.0	18.8			0.599	Mg II 2798 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		542 541 1429			837		873xnd,542sp, 540fc 1.95 arcmin from NGC 1073, 2118
0240+011 C	NGC 1073 BSO 1	2 40 58.76 1 9 39	2 43 33.48 1 22 20.2	19.8			1.945	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		542 541					873xnd,540fc, 542sp 1.73 arcmin from NGC 1073, 2118
0241-228		2 41 2.70 -22 51 11.9	2 43 18.25 -22 38 30.3	19.63			2.02	C IV 1549		2289 2289					
0241-302 O	NGC 1097 QSO 10	2 41 2.7 -30 15 57	2 43 11.23 -30 3 15.2	19.5			0.359	C IV 1549		1245 1245					42.71 arcmin from NGC 1097, 1245,2118
0241-316 O	NGC 1097 QSO 9	2 41 2.7 -31 38 58	2 43 9.81 -31 26 16.2	19.5			1.588	C IV 1549 C III 1909		1245 1245					80.83 arcmin from NGC 1097, 1245,2118
0241+011 R	NGC 1073 RSO PKS	2 41 4.75 1 8 27.7	2 43 39.45 1 21 8.6	20			1.411	C III 1909 Mg II 2798 O III 3133 Ne V 3426		542 541 1419			1419 1527 1976		873xnd,542sp, 540fc, 2053absr 1.4arcmin from NGC 1073,2118
0241-232		2 41 44.79 -23 13 41.7	2 43 59.94 -23 1 2.1	18.93			0.17	C IV 1549		2289 2289					
0241-232		2 41 46.38 -23 15 26.2	2 44 1.50 -23 2 46.7	18.93			1.10	C IV 1549		2289 2289					

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES		Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0242-243		2 42 0.91 -24 19 25.7	2 44 15.04 -24 6 46.8	18.63					1.99	C IV 1549		2289	2289					
0242-410 O		2 42 2.4 -41 4 2	2 43 58.30 -40 51 22.7	18.1					2.214	H I 1216 N V 1240 C IV 1549 He II 1640 C III 1909		409	409 478				846rnd,912xnd, 478fc	
0242-310 O	NGC 1097 QSO 12	2 42 3.4 -31 4 29	2 44 10.97 -30 51 50.0	19.0					0.874	Mg II 2798		1245	1245				44.80 arcmin from NGC 1097, 1245,2118	
0242-310 O	NGC 1097 QSO 13	2 42 7.6 -31 4 49	2 44 15.16 -30 52 10.2	19.5					1.985	C IV 1549 C III 1909		1245	1245				44.57 arcmin from NGC 1097, 1245,2118	
0242-224		2 42 34.82 -22 28 38.2	2 44 50.56 -22 16 1.0	19.93					2.20	C IV 1549		2289	2289					
0242-387 O		2 42 38.4 -38 47 37	2 44 37.12 -38 34 59.5	17.8					0.12			478	478				1026ext,1207, 1261imag	
0242-305 O	NGC 1097 QSO 14	2 42 46.0 -30 31 13	2 44 54.05 -30 18 36.1	19.0					1.045	Mg II 2798		1245	1245				18.52 arcmin from NGC 1097, 1245,2118	
0242-245		2 42 53.56 -24 33 44.0	2 45 7.38 -24 21 7.6	19.43					2.19	C IV 1549		2289	2289					
0242-301 O	NGC 1097 QSO 15	2 42 59.1 -30 10 48	2 45 7.47 -29 58 11.7	20.0					2.269	H I 1216 C IV 1549 C III 1909		1245	1245				24.03 arcmin from NGC 1097, 1245,2118	
0242-301 O	NGC 1097 QSO 16	2 42 59.5 -30 9 59	2 45 7.88 -29 57 22.7	19.5					0.783	Mg II 2798		1245	1245				24.61 arcmin from NGC 1097, 1245,2118	
0242+009 R	PKS	2 42 59.52 0 55 38.3	2 45 34.07 1 8 13.8	19.60					1.520	C IV 1549 C III 1909 C II 2326 Mg II 2798 Ne V 3426		028	1997				1997Bmag	
0243-237		2 43 0.72 -23 45 26.7	2 45 15.27 -23 32 50.7	19.03					1.99	C IV 1549		2289	2289					
0243-007 O		2 43 30.3 -0 44 47	2 46 3.56 -0 32 13.0	18.82	.29	-.90			1.596	C IV 1549 C III 1909		2215	2215					
0243-294 O	NGC 1097 QSO 17	2 43 31.7 -29 25 57	2 45 40.76 -29 13 22.3	18.5					1.683	C IV 1549 C III 1909		1245	1245				63.73 arcmin from NGC 1097, 1245,2118	
0243-297 O	NGC 1097 QSO 18	2 43 35.3 -29 46 59	2 45 44.00 -29 34 24.5	19.5					1.577	C IV 1549 C III 1909		1245	1245				42.83 arcmin from NGC 1097, 1245,2118	
0243-018 O		2 43 36.4 -1 52 8	2 46 8.80 -1 39 34.2						(1.845)	C IV 1549 C III 1909		1429	1429					
0243-291 O	NGC 1097 QSO 19	2 43 39.8 -29 10 25	2 45 49.10 -28 57 50.7	18.5					2.163	H I 1216 C IV 1549 C III 1909		1245	1245				78.98 arcmin from NGC 1097, 1245,2118	
0243-318 O	NGC 1097 QSO 21	2 43 41.2 -31 49 59	2 45 47.76 -31 37 24.7	18.5					1.875	C IV 1549 C III 1909		1245	1245				81.14 arcmin from NGC 1097, 1245,2118	
0243-297 O	NGC 1097 QSO 22	2 43 43.7 -29 47 49	2 45 52.36 -29 35 14.9	20.0					2.063	H I 1216 C IV 1549		1245	1245				41.72 arcmin from NGC 1097, 1245,2118	
0243-302 O X	Q 1097.5 QSO 23	2 43 54.4 -30 15 49	2 46 2.57 -30 3 15.4	19.1 *					0.89	Mg II 2798 Mg V 2931		1063	1063				1063rnd,1063x 12 arcmin from NGC 1097,1063, 2118	



TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0243-001 O		2 43 58.7 -0 7 4	2 46 32.45 0 5 28.7	19.15	.01	-.67	1.305	C III 1909 Mg II 2798		2215 2215					
0243-007 C	NGC 1087 UB 1	2 43 59.2 -0 44 47	2 46 32.46 -0 32 14.3	19.16			2.147			1429 540 2215					2.83 arcmin from NGC 1087, 2118
0244+012 O		2 44 1.1 1 16 8	2 46 35.91 1 28 40.5	19.27	.44	-.72	2.032+	H I 1216 Si IV 1397 C IV 1549 C III 1909		2215 2215					
0244-003 C	US 3146	2 44 2.0 -0 21 24	2 46 35.56 -0 8 51.5	18.99			1.815	C IV 1549 C III 1909		1303 1429 1429 2215					5.88 arcmin from NGC 1090, 2118
0244-019 C	US 3148	2 44 15.1 -1 58 7	2 46 47.42 -1 45 35.1	18.5			1.784	C IV 1549 C III 1909		1303 1429 1429 2215					
0244-012 C	US 3150	2 44 18.9 -1 12 4	2 46 51.81 -0 59 32.3	16.88			0.467	Mg II 2798		1303 1255					2145imag, 2137varnd, 2137Bmag
0244+017 O		2 44 22.4 1 46 40	2 46 57.61 1 59 11.5	19.26	.34	-1.12	1.945	Si IV 1397 C IV 1549 C III 1909		2215 2215					
0244-302 O	Q 1097.1 QSO 25	2 44 26.4 -30 17 29	2 46 34.47 -30 4 56.9	19.3			3.103*		3.088	1063 1063 911 1245				1063 1063 2263	1063rnd 11 arcmin from NGC 1097,1063, 2118; Ly continuum abs, 2118
0244-128 R	PKS UT	2 44 34.71 -12 49 2.2	2 46 58.49 -12 36 31.0	17.1			2.201	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909		296 1251 1437 1437			1251		1966rnd
0244-302 O	Q 1097.3 QSO 26	2 44 38.5 -30 13 19	2 46 46.61 -30 0 47.5	17.8			1.00	C III 1909 Mg II 2798		1063 1063					1063rnd,1063x 15 arcmin from NGC 1097,1063, 2118
0244-303 O	Q 1097.2 QSO 27	2 44 41.9 -30 20 12	2 46 49.89 -30 7 40.7	18.3			0.528	Mg II 2798 Ar IV 2854 Mg V 2931 O III 3133 He II 3203		1063 1063					1063rnd 10 arcmin from NGC 1097,1063, 2118
0244+194 X	1E	2 44 51.7 19 28 24	2 47 41.22 19 40 53.6	16.66	.11	-.89	0.176	H I 4340 H I 4861 O III 4959 O III 5007 H I 6563		1269 1269					1269ubv, 1269FeIIem, 1269x,1910sp
0245+013 R	PKS	2 45 16.29 1 19 19.9	2 47 51.15 1 31 48.8	19.0			2.31	H I 1216 C IV 1549		767 767			767		
0245-017 C	US 3166	2 45 21.0 -1 44 54	2 47 53.48 -1 32 25.3	18.9			1.937	C IV 1549 C III 1909		1303 1429 1429 2215					
0245-004 C	US 3167	2 45 22.8 -0 28 24	2 47 56.27 -0 15 55.4	18.68			2.118	C IV 1549 C III 1909		1303 1429 1429 2215					7.12 arcmin from NGC 1094, 2118
0245-302 O	Q 1097.4 QSO 28	2 45 26.8 -30 14 55	2 47 34.78 -30 2 25.8	18.2 *			0.34	Mg II 2798		1063 1063					1063rnd,1063x 21 arcmin from NGC 1097,1063, 2118
0245-301 O	Q 1097.6 QSO 29	2 45 30.1 -30 11 48	2 47 38.13 -29 59 19.0	20.5			(1.10)	C III 1909 Mg II 2798		1063 1063					1063rnd,1063x 24 arcmin from NGC 1097,1063, 2118

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0245-294 O	NGC 1097 QSO 30	2 45 40.8 -29 25 4	2 47 49.61 -29 12 35.5	19.5			1.663	C IV 1549 C III 1909		1245 1245					66.87 arcmin from NGC 1097, 1245,2118
0245-297 O	NGC 1097 QSO 31	2 45 42.3 -29 42 37	2 47 50.81 -29 30 8.6	20.0			1.004	Mg II 2798		1245 1245					50'.44 arcmin from NGC 1097, 1245,2118
0245-294 O	NGC 1097 QSO 33	2 45 45.2 -29 25 4	2 47 54.00 -29 12 35.7	19.5			2.141	H I 1216 C IV 1549		1245 1245					67.14 arcmin from NGC 1097, 1245,2118
0245-298 O	NGC 1097 QSO 34	2 45 58.3 -29 49 4	2 48 6.66 -29 36 36.4	19.5			1.862	C IV 1549 C III 1909		1245 1245					46.18 arcmin from NGC 1097, 1245,2118
0246-009 O		2 46 0.8 -0 58 44	2 48 33.88 -0 46 17.2	18.75	.19	-.84	1.822	Si IV 1397 C IV 1549 C III 1909		2215 2215					
0246-308 O	NGC 1097 QSO 35	2 46 14.5 -30 50 33	2 48 21.76 -30 38 6.1	18.5			1.093	C III 1909 Mg II 2798		1245 1245					34.10 arcmin from NGC 1097, 1245,2118
0246-300 O	NGC 1097 QSO 36	2 46 20.0 -30 2 9	2 48 28.09 -29 49 42.4	19.0			1.775	C IV 1549 C III 1909		1245 1245					38.65 arcmin from NGC 1097, 1245,2118
0246+019 O		2 46 47.0 1 56 38	2 49 22.36 2 9 2.5	19.15	.08	-.87	1.953	Si IV 1397 C IV 1549 C III 1909		2215 2215					
0246+009 C	US 3204	2 46 53.9 0 56 56	2 49 28.48 1 9 20.1	18.77			0.953	C III 1909 Mg II 2798		1303 1429 1429 2215					
0246-407	B21.07	2 46 56.3 -40 46 31	2 48 51.66 -40 34 5.8	16.3			1.74			2277 2277					
0247+393 R	4C 39.10 3C 82	2 47 4.0 39 21 30	2 50 14.67 39 33 52.6				(2.87)	Si IV 1397 O IV 1402 C IV 1549 C III 1909		2001					
0247-025 O		2 47 5.4 -2 34 21	2 49 37.23 -2 21 57.3	18.28	-.11	-1.31	1.935	Si IV 1397 C IV 1549 C III 1909 Mg II 2798		2215 2215					
0247-304 O	NGC 1097 QSO 37	2 47 7.1 -30 28 18	2 49 14.64 -30 15 53.7	19.0			1.646	C IV 1549 C III 1909		1245 1245					37.86 arcmin from NGC 1097, 1245,2118
0247+012 C		2 47 7.6 1 16 50	2 49 42.44 1 29 13.5	19.65	-.14	-.49	0.339	O II 3727 H I 4861 O III 5007		1904 1904 2276					1904Bmag
0247+016 O		2 47 9.3 1 41 13	2 49 44.46 1 53 36.4	18.77			2.690	H I 1216 C IV 1549 C III 1909		1429 1429 2215					
0247+011		2 47 10.5 1 10 27	2 49 45.26 1 22 50.3	19.48	.65	-.57	1.032			2276 2276					
0247+008 O C	US 3213	2 47 19.9 0 49 25	2 49 54.38 1 1 47.9	19.06	.22	-.72	0.584	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4340		1904 1904 2215 2215 2276					1904Bmag
0247-294 O	NGC 1097 QSO 38	2 47 25.2 -29 29 23	2 49 33.72 -29 16 59.6	20.0			2.193	H I 1216 C IV 1549		1245 1245					72.86 arcmin from NGC 1097, 1245,2118

TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
									ID	Z	VAR	R	ABS
0247+002 C	2 47 32.9 0 13 3	2 50 6.91 0 25 25.3	17.93	.32	-.93	0.198	Ne V 3426 O II 3727 NeIII 3869 H I 4340 H I 4861 O III 4959 O III 5007		1904	1904			1904Bmag
0247+014 C	2 47 39.6 1 29 41	2 50 14.61 1 42 2.9	19.76	.46	-.75	2.054+	O IV 1402 C IV 1549 C III 1909		1904	1904			1904BAL, 1904Bmag
0247+003	2 47 45.1 0 18 39	2 50 19.18 0 31 0.7	19.89	-.09	-.76	2.015			2276	2276			
0247-003 C	2 47 57.3 -0 20 21	2 50 30.87 -0 7 59.9	18.24	.08	.98	1.458	C III 1909 Mg II 2798		1303	1429			1429 1904 2276
0248+010	2 48 3.2 1 5 50	2 50 37.90 1 18 10.7	19.79	.06	-.32	1.828			2276	2276			
0248-009 C	2 48 5.7 -0 59 59	2 50 38.75 -0 47 38.3	18.66	.18	-1.23	1.845	C IV 1549 C III 1909		1303	1429			1429 1904 2215 2276
0248-001 C	2 48 14.9 -0 10 12	2 50 48.60 0 2 8.2	19.04	.59	-.70	0.766	Mg II 2798 O II 3727 NeIII 3869		1904	1904			1904Bmag
0248+430 R GC	2 48 18.5 43 2 57	2 51 34.55 43 15 15.8	17.65			1.316*	C IV 1549 C III 1909 Mg II 2798	0.4515 0.3941 0.0515	510	1443	2174	1521 1901 1771 2109 1807 2175 2263	1526vlbi, 2175phot, 2251sp IRAS source, 1744; 14.7 arcsec from anon gal, 0.052 zgal, 1443, 2118 2147, 2175, 2248
0248+009 C	2 48 23.1 0 54 35	2 50 57.65 1 6 54.8	19.13	-.09	-.82	1.708	C IV 1549 C III 1909		1904	1904			1904Bmag
0248+005 C	2 48 26.6 0 35 43	2 51 0.91 0 48 2.6	19.58	.38	-1.02	0.828	Mg II 2798 O II 3727		1904	1904			1904Bmag
0248+011 C	2 48 28.5 1 8 21	2 51 3.23 1 20 40.5	19.43	.13	-.92	0.399	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4340 H I 4861 O III 4959 O III 5007		1904	1904			1904Bmag
0248-001	2 48 28.9 -0 6 20	2 51 2.65 0 5 59.5	19.42	.53	-.24	1.435			2276	2276			
0248+011 C	2 48 30.0 1 7 9	2 51 4.72 1 19 28.4	18.65	.63	-.41	0.232	O II 3727 NeIII 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		1904	1904			1904Bmag
0248+021 O	2 48 34.7 2 6 58.3	2 51 10.20 2 19 17.5	19.6			0.489	Mg II 2798 H I 4340 H I 4861 O III 5007		1429	1429			pos & B(J)mag, 2274
0248-005	2 48 51.7 -0 32 50	2 51 25.11 -0 20 31.6	19.87	.65	-.50	0.328			2276	2276			

TABLE 1—*Continued*

OTHER NAMES		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
0248+010 C		2 48 52.1 1 2 50	2 51 26.76 1 15 8.3	19.37	.50	-.82	0.300	O II 3727 NeIII 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		1904	1904 2276			1904Bmag		
0248-006 C		2 48 55.3 -0 39 8	2 51 28.62 -0 26 49.8	19.56	.15	-.46	2.329	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1904	1904 2276			1904Bmag		
0249+156 R	MC 3	2 49 0.31 15 37 54.9	2 51 46.81 15 50 12.5	19			0.489	Mg II 2798 Ne V 3426 H I 4340 O III 4363 He II 4686 H I 4861 O III 4959 O III 5007			019 458		1111	1111fc		
0249-009 C		2 49 12.0 -0 58 56	2 51 45.06 -0 46 38.6	19.59	-.12	-.72	1.383	C III 1909 Mg II 2798		1904	1904 2276			1904Bmag		
0249-008		2 49 13.6 -0 52 52	2 51 46.74 -0 40 34.7	19.90	-.04	-.38	0.817				2276 2276					
0249-009 C		2 49 15.4 -0 58 54	2 51 48.46 -0 46 36.8	19.40	-.13	-.49	1.569	C IV 1549 C III 1909		1904	1904 2215 2215			1904Bmag		
0249+007 C		2 49 16.8 0 45 22	2 51 51.23 0 57 39.1	19.75	.55	-.99	1.824+	C IV 1549 C III 1909		1904	1904 2276			1904BAL, 1904Bmag		
0249+007 C		2 49 21.8 0 44 49	2 51 56.23 0 57 5.9	18.66	.04	-.59	0.471	Mg II 2798 O II 3727 NeIII 3869 H I 4102 H I 4340		1904	1904 2216 LBQS 2216 2276			1904Bmag		
0249-222 O	UM 678	2 49 25.5 -22 12 37	2 51 40.87 -22 0 19.7	18.4			3.205*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	3.1294 3.1036 2.6736	1025 1025 2281	1874 1025 2281			1874 Ly limit abs, 2228 z=2.937 and 2263 2.869,1874; poss damped Ly alpha, z= 2.83,1874		
0249-184 O	UM 679	2 49 29.8 -18 26 21	2 51 48.55 -18 14 4.0	18.6			3.210*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.6410 2.2618 1.2878	1025 1025 2281	1874 1874 2281			1874 Ly limit abs, 2228 z=2.665,1874 2263		
0249-001 C		2 49 36.0 -0 6 26	2 52 9.75 0 5 50.2	19.61	.28	-.65	2.099	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1904	1904 2276			1904Bmag		
0249+023 O		2 49 42.4 2 22 57	2 52 18.12 2 35 12.8	18.73	.24	-.44	2.805	H I 1216 Si IV 1397 C IV 1549		2215	2156 2215			2156Ly abs		
0249+002		2 49 46.4 0 15 20	2 52 20.44 0 27 35.7	19.74	.11	-.78	1.678				2276 2276					
0249+005 C		2 49 46.6 0 31 15	2 52 20.85 0 43 30.7	18.96			0.175	O II 3727 NeIII 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007 H I 6563		1904	1904			1904Bmag		
0249-001 C	US 3254	2 49 47.2 -0 6 16	2 52 20.95 0 5 59.7	17.18	.33	-.63	0.811	Mg II 2798 O II 3727		1904	1904 2216 LBQS 2216 2276			1904Bmag		

TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0249-290	NGC 1097	2 49 52.0	2 52 0.72	19.5			2.204	H I 1216		1245 1245					114.97 arcmin
O	QSO 42	-29 0 35	-28 48 18.8					C IV 1549							from NGC 1097, 1245,2118
0249+003		2 49 54.4	2 52 28.49	18.94	.46	-.77	1.106	C III 1909		1904 1904					1904Bmag
C		0 18 54	0 31 9.3					Mg II 2798		2276					
0249+008		2 49 55.2	2 52 29.68	19.27	-.16	-.62	2.010	O IV 1402		1904 1904					
C		0 48 34	1 0 49.2					C IV 1549		2215 2215					
								C III 1909		2276 2276					
0250-009		2 50 4.7	2 52 37.76	19.76	.46	-.54	1.007	C III 1909		1904 1904					1904Bmag
C		-0 58 42	-0 46 27.2					Mg II 2798		2276					
								NeIII 3869							
0250-011		2 50 4.9	2 52 37.86	19.49	.56	-.87	0.846	Mg II 2798		1904 1904					1904Bmag
C		-1 6 20	-0 54 5.2					O II 3727		2276					
0250+016		2 50 12.9	2 52 48.07	18.85	.23	-.53	2.637	H I 1216		1904 1904					1904Bmag
O		1 40 49	1 53 3.3					N V 1240		2215 2215					
C								O IV 1402		2276					
								C IV 1549							
0250-012	US 3268	2 50 24.3	2 52 57.15	19.41	.24	-.63	1.251	C III 1909		1904 1904					1904Bmag
C		-1 14 33	-1 2 19.2					Mg II 2798		2276					
0250+011		2 50 34.4	2 53 9.14	19.89	.21	-.56	1.331			2276 2276					
		1 8 20	1 20 33.3												
0250+020	US 3277	2 50 40.8	2 53 16.27	18.81			1.393	C III 1909		1303 1429					
C		2 3 20.1	2 15 33.0					Mg II 2798		1429					
0250+009		2 50 41.8	2 53 16.38	19.51	.24	-.89	1.030	C III 1909		1904 1904					1904Bmag
C		0 55 47	1 7 59.9					Mg II 2798		2276					
0250-001		2 50 49.9	2 53 23.61	19.65	.34	-1.04	1.214	C III 1909		1904 1904					1904Bmag
C		-0 9 41	0 2 31.5					Mg II 2798		2276					
0250-006		2 50 51.3	2 53 24.62	19.78	.10	-.70	1.363	C III 1909		1904 1904					1904Bmag
C		-0 39 7	-0 26 54.5					Mg II 2798		2276					
0250+019		2 50 54.5	2 53 29.86	19.23	.09	-1.15	1.925	Si IV 1397		2215 2215					
O		1 54 31	2 6 43.3					C IV 1549							
								C III 1909							
0250-467	C24.03	2 50 56.5	2 52 42.10	18.3			(1.88)			2277 2277					2277BAL
		-46 42 42	-46 30 28.4												
0250+000		2 50 58.0	2 53 31.89	19.61	.57	-.72	1.81	C IV 1549		1904 1904					1904BAL,
C		0 4 12	0 16 24.1					C III 1909		2276					1904Bmag
0251-000	US 3293	2 51 7.1	2 53 40.92	18.59	.10	-.90	1.682	C IV 1549		1904 1904					1904Bmag
C		-0 1 1	0 11 10.7					C III 1909		2216 LBQS					2216
										2276					2276
0251+011		2 51 8.8	2 53 43.52	19.84	.30	-.40	0.531			2276 2276					
		1 6 39	1 18 50.6												
0251-675	PKS	2 51 11.35	2 51 55.85	17.5			1.002	C III 1909		767 1445					1445fc
R	MC	-67 30 14.8	-67 18 0.4					Mg II 2798		1966					
								NeIII 3869							
0251-009		2 51 12.1	2 53 45.15	19.20	.56	-.58	2.449	H I 1216		1904 1904					1904Bmag
C		-0 59 17	-0 47 5.5					N V 1240		2215 2215					
								O IV 1402		2276					
								C IV 1549							
								C III 1909							
0251-000		2 51 22.2	2 53 56.02	19.63	-.06	-.65	1.688	C IV 1549		1904 1904					1904Bmag
C		-0 1 13	0 10 57.9					C III 1909		2276					
0251-003		2 51 23.2	2 53 56.72	19.73	-.13	-.30	0.757			2276 2276					
		-0 23 35	-0 11 24.1												
0251+002		2 51 27.2	2 54 1.26	19.76	.18	-1.03	1.986	O IV 1402		1904 1904					1904Bmag
C		0 17 5	0 29 15.7					C IV 1549		2276					
								C III 1909							

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES
0251-000 C		2 51 49.0 -0 4 10	2 54 22.78 0 7 59.6	19.53	.56	-.82	1.213	C III 1909 Mg II 2798		1904	1904 2276	1904Bmag
0251-010		2 51 59.2 -1 1 42	2 54 32.21 -0 49 32.9	19.81	.30	-.47	1.955			2276	2276	
0251-009 C	US 3321	2 51 59.3 -0 54 28	2 54 32.41 -0 42 18.9	18.43	.18	-.58	0.433	Mg II 2798 O II 3727 NeIII 3869 H I 4340		1904 2216	1904 LBQS 2216 2276	1904Bmag
0252-549 R	PKS	2 52 0.29 -54 54 1.8	2 53 29.23 -54 41 50.9	19.3			0.537	Mg II 2798 Ne V 3426 NeIII 3869 NeIII 3968 H I 4102 H I 4340		494	493 1519 1966	1526vlbi, 420fc,761, 1304sp, 1898pos
0252+016 O C	US 3325	2 52 8.0 1 41 9	2 54 43.19 1 53 17.6	17.91	-.09	-.29	0.621	Mg II 2798 O II 3727 H I 4861 O III 4959 O III 5007		1904 2216	1904 LBQS 2216 2276	1904Bmag
0252+002 C	US 3333	2 52 31.6 0 13 15	2 55 5.61 0 25 22.5	17.28	0.00	-.91	0.354	Mg II 2798 O II 3727 NeIII 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		1904	1904 2276	1904Bmag
0252-000		2 52 39.2 -0 5 28	2 55 12.96 0 6 39.1	19.85	-.06	-.80	1.885			2276	2276	
0252+016		2 52 40.0 1 36 21	2 55 15.13 1 48 28.0	18.23	.16	-.53	2.457			2276	2276	
0252+016 C	US 3342	2 52 40.2 1 36 26	2 55 15.33 1 48 33.0	18.06			2.457	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1303 1429	1429 1904 2215	
0252-002 C		2 52 55.2 -0 14 25	2 55 28.84 -0 2 18.7	19.61	-.19	-.76	1.426	C III 1909 Mg II 2798		1904	1904 2276	1904Bmag
0252+013 C	US 3349	2 52 58.6 1 18 56	2 55 33.49 1 31 2.1	17.33	.58	-.96	0.141			1904	1904 2276	1904Bmag
0253-024 O		2 53 8.2 -2 26 0	2 55 40.08 -2 13 54.3	19.31	.17	-1.25	1.986	Si IV 1397 C IV 1549 C III 1909		2215	2215	
0253+004 C	US 3354 US 3375	2 53 12.8 0 26 8	2 55 46.99 0 38 13.4	18.85			0.921	Mg II 2798		1904	1904 2215	1904Bmag
0253+006 C	US 3363	2 53 25.4 0 41 6.0	2 55 59.79 0 53 10.7	18.92	.21	-.54	0.847	Mg II 2798 NeIII 3869 H I 4102 H I 4340		1904	1819 1904 2276	
0253+006		2 53 28.1 0 40 51	2 56 2.49 0 52 55.6	19.87	.59	.09	0.531			2276	2276	
0253+009 C		2 53 32.5 0 58 33	2 56 7.12 1 10 37.4	19.04	.16	-.60	1.347	C III 1909 Mg II 2798		1904	1904 2276	1904Bmag
0253-465	C25.34	2 53 33.7 -46 35 45	2 55 18.90 -46 23 39.2	18.2			2.06			2277	2277	
0253+017 C		2 53 34.5 1 44 29	2 56 9.74 1 56 33.3	19.24	-.14	-.84	1.439	C III 1909 Mg II 2798		1904	1904 2276	1904Bmag
0253+000		2 53 39.2 0 3 4	2 56 13.08 0 15 8.1	19.83	-.05	-.67	2.012			2276	2276	

TABLE 1—Continued

OTHER NAMES		RA (1950)	RA (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R	
0253-016		2 53 44.0	2 56 16.51	16.86	-.07	-.78	0.879	C III 1909		2215 2215				
O		-1 38 43	-1 26 39.1					Mg II 2798		2216 2216				
								H I 4102		2274 2274				
								H I 4340						
0253-218	PKS	2 53 56.7	2 56 12.04	19.1			1.470	C IV 1549		296 1304		1518		761sp
R		-21 49 31	-21 37 27.2					C III 1909				1966		
												1976		
0254-016		2 54 7.9	2 56 40.42	19.32	.13	-.26	2.684	H I 1216		2215 2215				
O		-1 37 49	-1 25 46.3					Si IV 1397						
								C IV 1549						
								C III 1909						
0254+000	US 3390	2 54 10.8	2 56 44.65	18.42	.20	-.82	2.242	H I 1216		1904 1819				
C		0 0 43	0 12 45.5					N V 1240		1904				
								O IV 1402		2215				
								C IV 1549		2276				
								C III 1909						
0254+010		2 54 12.2	2 56 46.87	18.16			0.177	O II 3727		1904 1904				1904Bmag
C		1 1 46	1 13 48.4					NeIII 3869						
								H I 4102						
								H I 4340						
								H I 4861						
								O III 4959						
								O III 5007						
0254+007		2 54 24.1	2 56 58.51	19.53	.63	-1.01	1.115	C III 1909		1904 1904				1904Bmag
C		0 42 45	0 54 46.8					Mg II 2798		2276				
0254+014		2 54 26.1	2 57 1.10	19.58	.16	-.69	1.793	C IV 1549		1904 1904				1904Bmag
C		1 26 12	1 38 13.7					C III 1909		2276				
0254-025		2 54 26.9	2 56 58.64	17.9			1.107			2216 2216				
O		-2 35 26	-2 23 24.3							2274 2274				
0254-003		2 54 32.3	2 57 5.83	19.60	.47	-.47	1.585			2276 2276				
		-0 22 55	-0 10 53.6											
0254-404		2 54 39.1	2 56 33.55	17.4			2.29 *	H I 1216	1.2840	441 441		478		2020sp
O		-40 24 59	-40 12 56.8					N V 1240	0.5503	478		2020		
								Si IV 1397		2199		2228		
								O IV 1402				2263		
								C IV 1549						
								C III 1909						
0254-334	PKS	2 54 39.6	2 56 42.85	17 *			1.915+	H I 1216	0.213	025 024	024 384	982		1213,1966rnd,
R		-33 27 20	-33 15 18.1					N V 1240		419		2228		761,982,
								O I 1304		585				1304sp,
								C IV 1549						1526vlbi
								He II 1640						
								C III 1909						
0254-012		2 54 40.2	2 57 13.04	19.28	-.03	-.48	1.866	O IV 1402		1904 1904				1904Bmag
C		-1 13 58	-1 1 57.0					C IV 1549		2215 2215				
								C III 1909		2276				
0254+012		2 54 40.9	2 57 15.73	19.51	.27	-.50	1.089	C III 1909		1904 1904				1904Bmag
C		1 13 38	1 25 38.9					Mg II 2798		2276				
0254-009		2 54 43.8	2 57 16.86	19.76	-.02	-.50	1.032	C III 1909		1904 1904				1904Bmag
C		-0 57 36	-0 45 35.2					Mg II 2798		2276				
0254-334		2 54 43.8	2 56 47.04	16.5			1.863*	H I 1216	1.8557	025 1479		585		1201pol,761,
		-33 27 29	-33 15 27.3					N V 1240	1.8509	024		982		982,1304sp,
								Si IV 1397	1.8374	419		1394		1208,1514BAL
								O IV 1402	1.8322	585		1510		~1.2 arcmin
								C IV 1549	1.8265			2228		from PKS QSO
								C III 1909	1.8150			2263		0254-334;
								Mg II 2798	1.8079					z(abs) 1.84-
									1.802					1.80,1514
									1.7321					
									0.2125					
0254-001		2 54 51.4	2 57 25.09	19.79	.15	-.39	1.250			2276 2276				
		-0 10 46	0 1 14.4											

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES
0254+000 C		2 54 53.3 0 3 45	2 57 27.19 0 15 45.3	19.71	.04	-.92	1.601	C IV 1549 C III 1909		1904	1904 2276	1904Bmag
0255-015 C	US 3426	2 55 13.4 -1 31 46	2 57 46.00 -1 19 46.7	18.39			1.528	C IV 1549 C III 1909		1303 1429 2216	1429 2216	
0255-015 O		2 55 13.6 -1 31 47	2 57 46.20 -1 19 47.7	18.3			1.528			2216	2216	
0255+001 O		2 55 17.5 0 8 46	2 57 51.46 0 20 45.1	19.57	.45	-.81	1.498	C IV 1549 C III 1909 Mg II 2798		1904	1819 1904 2276	
0255+015 C	US 3430	2 55 20.7 1 32 37	2 57 55.79 1 44 35.9	18.88	.40	-.50	0.282	O II 3727 NeIII 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		1904	1904 2276	1904Bmag
0255+018 C		2 55 28.4 1 52 5	2 58 3.76 2 4 3.5	19.59	-.20	-.46	1.623	C IV 1549 C III 1909		1904	1904 2276	1904Bmag
0255-003		2 55 30.7 -0 22 59	2 58 4.23 -0 11 0.6	19.84	-.04	-.35	1.557			2276	2276	
0255-468 C25.35		2 55 32.0 -46 52 36	2 57 16.28 -46 40 36.2	18.7			1.85			2277	2277	
0255-002 C	US 3437	2 55 41.9 -0 15 32	2 58 15.53 -0 3 34.1	19.46	.42	-1.02	1.318			1904	1904 2276	1904Bmag
0255-003 C		2 55 45.7 -0 20 4	2 58 19.27 -0 8 6.3	19.89	.47	-.98	2.094	H I 1216 N V 1240 O IV 1402 C IV 1549 C III 1909		1904	1904 2276	1904Bmag
0256-021 O		2 56 5.9 -2 6 8	2 58 38.02 -1 54 11.3	18.5	0.00	-1.05	0.406	Mg II 2798 O II 3727 H I 4102 H I 4340 H I 4861		2215 2216 2274	2215 2216 2274	
0256+016 C		2 56 14.7 1 40 29	2 58 49.90 1 52 25.1	19.04	.03	-.63	0.608	Mg II 2798 O II 3727 NeIII 3869 H I 4102 H I 4340		1904	1904 2276	1904Bmag
0256+005		2 56 20.6 0 30 26	2 58 54.85 0 42 21.9	19.72	.05	-.34	1.569			2276	2276	
0256-135 R	UT	2 56 21.5 -13 33 34	2 58 44.07 -13 21 37.8	18.0			0.42	Mg II 2798 H I 4340 H I 4861 O III 5007		1437	1437	
0256-000 O		2 56 31.8 -0 0 29	2 59 5.63 0 11 26.3	18.72			3.377*	O VI 1034 H I 1216 C IV 1549	3.0919 1.2773 1.1983 1.0250	1429 1874 1429 2215 2281	1874 2059 2125 2228 2263	Ly limit abs, z=3.090,1874, 2125
0256-000		2 56 33.1 -0 3 57	2 59 6.88 0 7 58.3	19.65	.66	-.61	2.381			2276	2276	
0256+007		2 56 36.4 0 43 9	2 59 10.82 0 55 4.1	19.84	.68	-.50	0.199			2276	2276	
0256-005 C	US 3456	2 56 37.0 -0 34 34	2 59 10.37 -0 22 38.9	18.33	.27	-.90	0.360	H I 4102 H I 4340 H I 4861 O III 4959 O III 5007 H I 6563		1904 2216	1904 LBQS 2216 2276	1904Bmag



TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES
0256+075	PKS R OD 094.7	2 56 46.98 7 35 54.4	2 59 27.07 7 47 48.7	18	*		0.893	Mg II 2798 O II 3727		165 1984 213	009 044 412	
0256+017	C	2 56 47.4 1 46 56	2 59 22.69 1 58 50.5	19.69			1.016	C III 1909 Mg II 2798		1904 1905		1904Bmag
0256+007	US 3461 C	2 56 48.1 0 46 35	2 59 22.57 0 58 29.5	19.07	.12	-.85	1.853	O IV 1402 C IV 1549 C III 1909		1904 1904 2215 2215 2276		1904Bmag
0256-005	PKS R OD 095 PB 6960 US 3464	2 56 54.8 -0 31 52	2 59 28.20 -0 19 57.8	17.20	.23	-1.03	1.998	H I 1216 C IV 1549 C III 1909		026 094 1429 1904 2215 2276	775 789	1320rpol, 1485ubv, 1513elp
0257-006	US 3468 C	2 57 0.4 -0 37 11	2 59 33.73 -0 25 17.1	18.76	.08	-.67	1.748	O IV 1402 C IV 1549 C III 1909 Mg II 2798		1904 1904 2276 2276		1904Bmag
0257-029	O	2 57 1.1 -2 54 6	2 59 32.56 -2 42 12.1	17.6			1.070			2216 2216 2274 2274		
0257-003	C	2 57 2.3 -0 20 56	2 59 35.85 -0 9 2.2	19.53	.21	-.83	1.298	C III 1909 Mg II 2798		1904 1904 2276		1904Bmag
0257+004	US 3472 C	2 57 3.3 0 25 41	2 59 37.49 0 37 34.7	16.71	0.00	-.76	0.532	Mg II 2798 H I 4102 H I 4861 O III 4959 O III 5007		1303 1255 1904 1904 2276		2137varnd, 2137Bmag
0257+005	C	2 57 3.9 0 30 22	2 59 38.15 0 42 15.7	18.14			0.197	1869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007 H I 6563		1904 1904		1904Bmag
0257-011		2 57 6.5 -1 9 46	2 59 39.39 -0 57 52.4	19.73	-.02	-.52	0.661			2276 2276		
0257-001	C	2 57 15.4 -0 10 13	2 59 49.10 0 1 40.1	19.71	.19	-.75	1.710	O IV 1402 C IV 1549 C III 1909		1904 1904 2276		1904Bmag
0257+008	C	2 57 16.2 0 51 11	2 59 50.74 1 3 4.0	18.86			0.257	O II 3727 NeIII 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		904 1904		1904Bmag
0257-004	C	2 57 18.3 -0 27 15	2 59 51.77 -0 15 22.0	19.27	.59	-.46	0.102	NeIII 3869 H I 4340 H I 4861 O III 4959 O III 5007		1904 1904 2276		1904Bmag
0257+003	C	2 57 23.7 0 23 1	2 59 57.85 0 34 53.7	19.52	.20	-.50	0.820	Mg II 2798 O II 3727 NeIII 3869		1904 1904 2276		1904Bmag
0257+003	C	2 57 37.8 0 23 36	3 0 11.96 0 35 27.9	19.38	.20	-.68	0.420	Mg II 2798 O II 3727 NeIII 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		1904 1904 2276		1904Bmag
0257+012	US 3493 C	2 57 43.2 1 16 47	3 0 18.09 1 28 38.6	18.65	-.14	-.71	1.356	C III 1909 Mg II 2798		1904 1904 2276		1904Bmag

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z	VAR	R	ABS	NOTES
0257+019 C	US 3496	2 57 50.0 1 54 26	3 0 25.40 2 6 17.3	18.97	.03	-.78	1.085	C III 1909 Mg II 2798		1904	1904 2276				1904Bmag
0257+024 C	US 3498	2 57 53.9 2 29 1	3 0 29.78 2 40 52.0	16.50			0.115	H I 4340 H I 4861		1303	1255				2137varnd, 2137Bmag
0257-010 C	US 3499	2 57 54.1 -1 0 39	3 0 27.11 -0 48 47.9	19.34	.32	-1.43	2.006	O IV 1402 C IV 1549 C III 1909		1904	1904 2276				1904Bmag
0257-001 C		2 57 56.1 -0 7 29	3 0 29.83 0 4 22.0	19.61			0.761	Mg II 2798 O II 3727 NeIII 3869		1904	1904				1904Bmag
0257+007 C		2 57 56.9 0 42 7	3 0 31.31 0 53 57.9	19.38	.51	-.43	0.198	NeIII 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		1904	1904 2276				1904Bmag
0257+005 C		2 57 59.6 0 31 34	3 0 33.87 0 43 24.8	19.62			0.806	Mg II 2798 O II 3727		1904	1904				1904Bmag
0258-004 C		2 58 2.5 -0 27 22	3 0 35.96 -0 15 31.3	18.78	.09	-.75	1.435	C III 1909 Mg II 2798 O II 3727		1904	1904 2276				1904Bmag
0258+003 C		2 58 7.7 0 20 48	3 0 41.82 0 32 38.4	19.21	.38	-1.11	1.112	C III 1909 Mg II 2798		1904	1904 2276				1904Bmag
0258+021 O		2 58 10.4 2 10 54	3 0 46.03 2 22 44.2	18.00	.15	-.77	2.521	H I 1216 Si IV 1397 C IV 1549 C III 1909		2215 2216 2274	2215 2216 2274				
0258+000 C		2 58 11.3 0 5 7	3 0 45.21 0 16 57.2	19.15	.17	-.60	1.727	C IV 1549 C III 1909		1904	1904 2276				1904Bmag
0258+001 C		2 58 11.5 0 9 43	3 0 45.47 0 21 33.2	19.48	0.00	-.48	1.497	C III 1909 Mg II 2798		1904	1904 2276				1904Bmag
0258+007 C	US 3531	2 58 14.5 0 42 51	3 0 48.92 0 54 41.0	18.94	.06	-.40	0.661	Mg II 2798 O II 3727 NeIII 3869		1904	1904 2276				1904Bmag
0258+016 C	US 3514	2 58 14.7 1 37 6	3 0 49.87 1 48 56.0	19.90	-.05	-1.15	1.302	C III 1909 Mg II 2798		1904	1904 2276				1904Bmag
0258+016 C	US 3523	2 58 25.8 1 37 41	3 1 0.98 1 49 30.4	19.20	.20	-.73	0.595	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4340		1904	1904 2276				1904Bmag
0258+058 R		2 58 54.1 5 50 14	3 1 32.77 6 2 1.9	19			2.313	H I 1216 C IV 1549		476	476		2162		
0258+017		2 58 54.5 1 45 53	3 1 29.79 1 57 40.9	19.85	.60	-.65	1.349			2276	2276				
0259+012 C		2 59 2.8 1 12 56	3 1 37.64 1 24 43.5	19.13	-.09	-.43	2.316	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1904	1904 2276				1904Bmag
0259+014 C	US 3532	2 59 3.2 1 26 29	3 1 38.23 1 38 16.5	19.10	.08	-.57	1.578	C IV 1549 C III 1909		1904	1904 2276				1904Bmag
0259+015 C	US 3533	2 59 4.2 1 33 13	3 1 39.32 1 45 0.5	18.86	.32	-.46	0.185	O II 3727 H I 4102 H I 4340 H I 4861		1904	1904 2276				1904Bmag
0259+010 C		2 59 6.3 1 4 6	3 1 41.02 1 15 53.4	19.64	.11	-.99	1.77	C IV 1549 C III 1909		1904	1904 2276				1904Bmag

TABLE 1—Continued

	OTHER NAMES	RA (1950)	RA (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R	
0259-009 C		2 59 11.8 -0 55 51	3 1 44.87 -0 44 3.9	19.56	.33	-.72	0.383	O II 3727 NeIII 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		1904	1904 2276		1904Bmag	
0259+015 C	US 3540	2 59 27.5 1 34 31.2	3 2 2.64 1 46 17.4	18.62	-.12	-1.07	1.734	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1303	1808 1904 2276			
0259-002 C	US 3543	2 59 33.1 -0 13 6	3 2 6.76 -0 1 20.0	18.44	.11	-.37	0.641	Mg II 2798 Ne V 3426 NeIII 3869 H I 4102 H I 4861 O III 4959 O III 5007		1904	1904 2276		1904Bmag	
0259-001 C		2 59 41.0 -0 10 18	3 2 14.69 0 1 27.6	20.30			1.179	C III 1909 Mg II 2798		1904	1904		1904Bmag	
0259-005 O		2 59 46.9 -0 34 9	3 2 20.27 -0 22 23.7	18.4			0.706				2216 2274	2216 2274		
0259-016 C	US 3556	2 59 58.2 -1 39 31	3 2 30.66 -1 27 46.3	18.17			(1.52)	C III 1909 Mg II 2798		1303	1429 1429			
0300-437 C25.36		3 0 7.2 -43 42 25	3 1 55.75 -43 30 39.4	19.2			(2.3)				2277	2277		
0300+470 BL Lac R	4C 47.08 OE 400	3 0 10.09 47 4 33.7	3 3 35.22 47 16 16.2	17.21	.73	-.46				651		1212 1367 1441 1557	703,856,877, 1988,2062pol, 2259imag,009, 651sp,1337ubv, 899,1388rpol, 865pos, 856phot,1028, 1789mm,2107, 2112x IRAS source, 1806	
0300-027 O		3 0 15.3 -2 46 20	3 2 46.83 -2 34 36.1	18.3			0.249				2274	2274		
0300-004 R PKS 4C 00.14 PB 6989		3 0 39.64 -0 26 40.5	3 3 13.11 -0 14 57.9	18.2			0.693+	Mg II 2798 NeIII 3869		026 1429	432 1877 1888	789 432		
0300-428 C25.27		3 0 41.2 -42 50 33	3 2 30.99 -42 38 49.2	17.7			2.0				2277	2277		
0300-003 O		3 0 42.1 -0 18 45	3 3 15.68 -0 7 2.6	18.3			0.703				2216 2274	2216 2274		
0301-427 C25.28		3 1 2.1 -42 45 40	3 2 51.95 -42 33 57.3	19.1			1.93				2277	2277		
0301-005 O		3 1 7.7 -0 35 1	3 3 41.05 -0 23 19.9	18.53			3.226*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.9406 2.7241 2.4700 2.4292	1429 1429 2281	1874 2228 2263	Ly limit abs, z=2.947,1874, 2125		
0301+002 O		3 1 8.7 0 15 19	3 3 42.75 0 27 0.0	18.3			1.646				2216 2274	2216 2274		
0301+001 C	US 3605	3 1 48.5 0 10 53	3 4 22.49 0 22 32.0	17.16			0.635	Mg II 2798		1303	1255		2137varnd, 2137Bmag	
0302-003 O		3 2 16.3 -0 19 47	3 4 49.86 -0 8 9.5	18.37			3.290*	H I 1216 N V 1240 C IV 1549	3.2195 2.9638 2.6887 2.5892 2.5360	1429 1429 2281	1874 2039 2228 2263	Ly limit abs, z=2.530,1874		

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)			DEC (2000)									ID	Z	VAR	R	
0302+170 O		3 2 16.32 17 5 22.3	3 5 4.92 17 16 59.3	19.0			2.883*	O VI 1034 2.896 H I 1216 2.8660 N V 1240 2.8225 C IV 1549 1.7843	1440 1874 1440					1874 1613sp, 2228 1440BAL 2263 Ly limit abs, z=2.896,1874				
0302-452 C25.29		3 2 20.4 -45 15 16	3 4 5.99 -45 3 37.2	17.3			1.0		2277 2277									
0302-223 X	1E	3 2 36.1 -22 23 34	3 4 50.17 -22 11 56.9	16.0	0.00		1.400*		1.0096 1265 1265 0.4196					2075 1265ubv, 2263 1113sp,1941uv 117 arcmin from NGC 1232, 1650,2118				
0303-015 O		3 3 10.0 -1 32 5	3 5 42.55 -1 20 30.3	18.2			0.606		2216 2216 2274 2274									
0303-028 O		3 3 17.5 -2 51 48	3 5 48.93 -2 40 13.6	18.5			1.264		2216 2216 2274 2274									
0303+011 C	US 3654	3 3 37.7 1 10 24	3 6 12.52 1 21 57.2	17.6			1.332	C IV 1549 C III 1909 Mg II 2798	1303 1429 1429									
0303-026 O		3 3 51.9 -2 41 27	3 6 23.47 -2 29 54.4	18.5			0.686		2216 2216 2274 2274									
0304-392 O		3 4 18 -39 17 39	3 6 12.36 -39 6 6.7	17.6			1.965	H I 1216 N V 1240 Si II 1263 O I 1304 C II 1335 C IV 1549 C III 1909	478 1138 478					846rnd,2020sp 4.9arcmin from NGC 1217,2118				
0305+014 O		3 5 28.3 1 27 52	3 8 3.38 1 39 19.4	18.4			2.149		2216 2216 2274 2274									
0305+023 O		3 5 38.3 2 22 56	3 8 14.16 2 34 22.8	17.9			0.590		2216 2216 2274 2274									
0305+172 O		3 5 45.9 17 12 12	3 8 34.82 17 23 38.0	20.4			2.40	H I 1216 C IV 1549	1439 1439									
0306+169 O		3 6 6.7 16 54 23	3 8 55.36 17 5 47.9	20.3			2.14	H I 1216 C IV 1549	1439 1439					15.5 arcmin from 3C 79, 2118				
0306+011 O		3 6 20.7 1 9 48	3 8 55.53 1 21 12.6	18.3			0.585		2216 2216 2274 2274									
0306+102 BL Lac R X	OE 110 PKS	3 6 21.08 10 17 48	3 9 3.78 10 29 12.3	18	* .45 -.40				652	730 837 755 955 1802 1086 1557			652ubv,955, 2112x,1012ir, 1013phot, 652sp,1789mm IRAS source, 1806					
0306-350 A25.02		3 6 58.0 -35 1 48	3 8 57.63 -34 50 24.3	18.0			1.4		2277 2277									
0307-002 O		3 7 5.8 -0 15 3	3 9 39.42 -0 3 40.8	17.4			0.770		2216 2216 2274 2274									
0307+444 R	4C 44.07	3 7 9.28 44 24 27.6	3 10 31.21 44 35 48.1	18.8			1.165	C IV 1549 C III 1909 Mg II 2798	507 538 1976									
0307+023 O	PC	3 7 15.4 2 22 0	3 9 51.26 2 33 21.6	20.39			4.373	H I 1216 N V 1240 O IV 1402 C IV 1549	2014 2014					2014rmag				
0307+172 O		3 7 28.9 17 16 37	3 10 17.99 17 27 57.5	19.2			2.28	H I 1216 C IV 1549	1439 1439					22.4 arcmin from 3C 79, 2118				
0307-009 O		3 7 30.0 -0 58 8	3 10 3.01 -0 46 47.1	17.9			2.106		2216 2216 2274 2274									

TABLE 1—Continued

OTHER NAMES		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
0307+008		3 7 45.4	3 10 19.95	18.0					1.386			2216 2216				
O		0 49 50	1 1 10.1									2274 2274				
0307-020		3 7 46.9	3 10 19.02	18.3					0.207			2274 2274				
O		-2 0 1	-1 48 40.9													
0307-195	UM 680	3 7 50.7	3 10 7.15	18.6					2.144*	H I 1216	2.1228	1025 1025			1114	
O	A	-19 31 47	-19 20 26.6							N V 1240	2.0919				2228	
										C IV 1549	2.0353				2263	
											1.7042					
											1.5623					
											1.5265					
0307-195	UM 681	3 7 53.4	3 10 9.83	19.1					2.122*	H I 1216	2.1220	1025 1025			1114	58 arcsec from
O	B	-19 32 28	-19 21 7.8							N V 1240	2.0323				2228	UM 680,1114
										C IV 1549	1.7885				2263	
0308-375	A25.03	3 8 6.1	3 10 2.22	17.7					0.40			2277 2277				
		-37 34 40	-37 23 19.8													
0308+000	PC	3 8 11.0	3 10 44.87	20.49					0.955	Mg II 2798		1517 1517				
O		0 2 21.6	0 13 40.3													
0308-193	UM 682	3 8 11.9	3 10 28.50	18.3					2.756	H I 1216		1025 1874				
O		-19 20 46	-19 9 26.8							N V 1240		1025				
										Si IV 1397		2281				
										O IV 1402						
										C IV 1549						
0308-199	MC	3 8 17.65	3 10 33.61	19.0					0.91 +	C III 1909		1704 1848			1848	
R		-19 59 56.0	-19 48 37.1							Mg II 2798		1704				
0308+014		3 8 50.7	3 11 25.82	18.5					2.335			2216 2216				
O		1 29 43	1 40 59.6									2274 2274				
0308+190		3 8 51.87	3 11 42.73	18.6					2.839*	H I 1216	2.4945	1440 1440			1874	1685sp
O		19 2 24.3	19 13 40.3							N V 1240	1.0499	1874			2263	Ly alpha abs,
										Si IV 1397		2281				1685
										O IV 1402						
										C IV 1549						
0308-420		3 8 58.6	3 10 48.05	17.6			.30		0.581			1799 1799				76.33 arcmin
O		-42 4 37	-41 53 19.5													from NGC 1291,
																1799,2118
0309+017		3 9 14.6	3 11 49.93	18.3					1.324			2216 2216				
O		1 43 54	1 55 9.3									2274 2274				
0309-403		3 9 48.0	3 11 39.95	18.5			.20		1.729			1799 1799				69.33 arcmin
O		-40 19 48	-40 8 33.2													from NGC 1291,
																1799,2118
0310+013	PKS	3 10 8.6	3 12 43.62	17.5					0.664	Mg II 2798		044		023		pos & B(J)mag,
R	OE 017	1 22 4.1	1 33 16.5							Ne V 3426				1888		2274
0310-552	MZZ 4347	3 10 37.6	3 12 0.29	19.79*					2.425*	H I 1216	2.399	1821 1821 1821			2233	1821Jmag
C		-55 13 36	-55 2 23.0							N V 1240		2233				
										Si IV 1397						
										O IV 1402						
										C IV 1549						
										C III 1909						
0310-438	C26.05	3 10 53.0	3 12 39.28	19.2					2.66			2277 2277				
		-43 50 11	-43 38 59.5													
0311-554	MZZ 8104	3 11 29.2	3 12 50.98	19.86*					(0.641)	Mg II 2798		1821 1821 1821				1821Jmag
C		-55 28 38	-55 17 27.8									2233				
0311-554	MZZ 7801	3 11 57.8	3 13 19.50	19.83					2.166	H I 1216		1821 1821				1821Jmag
C		-55 27 26	-55 16 17.4							N V 1240		2233				
										Si IV 1397						
										O IV 1402						
										C IV 1549						
										C III 1909						

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0311-555 O	MZZ 9854	3 11 59.8 -55 31 56	3 13 21.28 -55 20 47.5	20.78*			2.706+	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1821 1821 1821 2233				2233	1821Jmag
0312-556 C	MZZ 9770	3 12 12.9 -55 37 52	3 13 34.06 -55 26 44.2	17.63			0.987	C III 1909 Mg II 2798		1821 1821 2233					1821Jmag
0312-555 O	MZZ 9744	3 12 17.0 -55 32 46	3 13 38.37 -55 21 38.4	21.52			(2.784+	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1821 2233					2233BAL?
0312-553 C	MZZ 5571	3 12 24.9 -55 22 56	3 13 46.67 -55 11 48.8	20.30			1.663	C IV 1549 C III 1909		1821 1821 2233					20.30Jmag
0312-555 C	MZZ 7584	3 12 34.2 -55 31 9	3 13 55.56 -55 20 2.3	20.96			1.005	Mg II 2798		1821 1821 2233					1821Jmag
0312-551 C	MZZ 1807	3 12 37.1 -55 8 24	3 13 59.46 -54 57 17.5	20.64			1.620	C IV 1549 C III 1909		1821 1821 2233					1821Jmag
0312-551 C	MZZ 3507	3 12 39.1 -55 11 3	3 14 1.33 -54 59 56.6	20.48*			(0.841+	Mg II 2798		1821 1821 1821 2233				2233	1821Jmag
0312-555 O	MZZ 9592	3 12 43.7 -55 31 57	3 14 4.98 -55 20 50.8	21.85			2.710*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.725 2.666	1821 2233				2233	2233BAL
0312-556 O	MZZ 9554	3 12 51.1 -55 37 2	3 14 12.11 -55 25 56.2	21.38			1.821	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1821 2233					
0312-034 R	PKS 4C 03.11	3 12 52.04 -3 27 49.8	3 15 22.85 -3 16 46.2	18.3			1.072	C IV 1549 C III 1909		026 436			789 1476 1877		052fc
0312-409 O		3 12 54.1 -40 54 32	3 14 44.67 -40 43 27.2	17.6	.70		0.864			1799 1799					31.33 arcmin from NGC 1291, 1799,2118
0312-770 R X	PKS	3 12 55.7 -77 3 1	3 11 54.75 -76 51 51.6	16.10	.16	-.77	0.223	O II 3727 NeIII 3869 NeIII 3968 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		495 493			023 493 1966		761,1109, 1304sp,780, 886,938, 1617ir,912, 1781x,1222elp, 1485ubv, 1526vlbi,1701, 1941,2061uv, 1898pos, 1942uvvar, 2100FeIIem, 2145imag v=15.5,1898
0313-555 C	MZZ 7430	3 13 11.0 -55 31 5	3 14 32.19 -55 20 0.3	21.92			1.262	C III 1909 Mg II 2798		1821 1821 2233					1821Jmag
0313-554 O	MZZ 7417	3 13 14.6 -55 25 8	3 14 36.04 -55 14 3.5	21.04			1.709	C IV 1549 C III 1909		1821 2233					
0313-555 C	MZZ 7409	3 13 17.4 -55 31 11	3 14 38.55 -55 20 6.7	18.73			1.045	C III 1909 Mg II 2798		1821 1821 2233					1821Jmag
0313-550 C	MZZ 1590	3 13 20.6 -55 4 32	3 14 42.93 -54 53 27.9	20.61			2.441	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1821 1821 2233					1821Jmag

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0313-551	O	MZZ 1558	3 13 29.4 -55 8 18	3 14 51.52 -54 57 14.4	21.64				1.829			C IV 1549 C III 1909		1821 2233						
0313-552	O	MZZ 3222	3 13 45.9 -55 16 0	3 15 7.60 -55 4 57.2	21.23				1.315			C III 1909 Mg II 2798		1821 2233						
0313-557	O	MZZ 11552	3 13 46.1 -55 44 15	3 15 6.53 -55 33 12.2	21.66				2.058			H I 1216 C IV 1549		1821 2233						
0313+344	R	4C 34.13 OE 323 B2	3 13 46.22 34 26 19.5	3 16 54.57 34 37 18.9	18.5				1.156			C IV 1549 C III 1909 Mg II 2798		033 032			462 774		1320rpol	
0313-553	O	MZZ 5250	3 13 49.8 -55 20 31	3 15 11.28 -55 9 28.4	21.16				1.192			C IV 1549 C III 1909		1821 2233						
0313-552	C	MZZ 3156	3 13 58.3 -55 13 37	3 15 20.05 -55 2 34.9	20.34*				1.358			C III 1909 Mg II 2798		1821 1821 1821 2233					1821Jmag	
0313-557	C	MZZ 11484	3 13 58.8 -55 44 57	3 15 19.13 -55 33 54.9	20.84				1.021			C III 1909 Mg II 2798		1821 1821 2233					1821Jmag	
0314-553	C	MZZ 5177	3 14 7.6 -55 21 30	3 15 28.96 -55 10 28.4	21.90*				2.161			H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1821 1821 1821 2233					1821Jmag	
0314-556	O	MZZ 11408	3 14 13.7 -55 41 6	3 15 34.14 -55 30 4.7	22.00				1.735			C IV 1549 C III 1909		1821 2233						
0314-380	O		3 14 18.6 -38 1 43	3 16 13.16 -37 50 43.0	17.3		.10		0.484					1799 1799					345 kpc from Fornax Cl, 1799	
0314-372		A25.07	3 14 19.7 -37 15 38	3 16 15.33 -37 4 38.1	18.1				1.12					2277 2277						
0314-556	O	MZZ 11326	3 14 27.1 -55 40 4	3 15 47.52 -55 29 3.5	21.85				0.464			Mg II 2798		1821 2233						
0314-555	O	MZZ 9085	3 14 28.0 -55 33 47	3 15 48.71 -55 22 46.5	21.40				0.409			Mg II 2798		1821 2233						
0314-554	O	MZZ 7114	3 14 28.8 -55 29 13	3 15 49.71 -55 18 12.6	20.91				0.808			Mg II 2798		1821 2233						
0314-550	O	MZZ 1246	3 14 36.7 -55 5 24	3 15 58.64 -54 54 24.0	21.36				1.132			C III 1909 Mg II 2798		1821 2233						
0314-552	O	MZZ 2994	3 14 40.7 -55 13 49	3 16 2.25 -55 2 49.2	21.87				(2.735)			H I 1216 N V 1240		1821 2233						
0314-554	O	MZZ 7030	3 14 44.9 -55 26 40	3 16 5.85 -55 15 40.5	21.65				0.636			Mg II 2798 Ne V 3426 O II 3727		1821 2233						
0314-551	O	MZZ 2954	3 14 50.8 -55 10 10	3 16 12.46 -54 59 10.8	20.37*				2.744			H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1821 1821 1821 2233					20.37Jmag	
0314-553	C	MZZ 5026	3 14 51.6 -55 19 47	3 16 12.83 -55 8 47.8	19.92				1.721			C IV 1549 C III 1909		1821 1821 2233					1821Jmag	
0315-550	C	MZZ 1098	3 15 5.9 -55 3 54	3 16 27.77 -54 52 55.6	21.97				2.208			H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1821 1821 2233					1821Jmag	
0315-550	C	MZZ 1096	3 15 6.2 -55 3 35	3 16 28.09 -54 52 36.6	21.92				2.455			H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1821 1821 2233					1821Jmag	

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0315-555 O	MZZ 6917	3 15 -55 30	9.4 10	3 16 30.08 -55 19 11.8	21.92						(1.254)	C III 1909 Mg II 2798		1821 2233					
0315-553 O	MZZ 4959	3 15 -55 23	10.7 26	3 16 31.68 -55 12 27.9	21.59						2.536*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.536	1821 2233				2233	
0315-463	C26.07	3 15 -46 20	13.2 21	3 16 54.27 -46 9 23.6	18.3						2.45			2277 2277					
0315-552 O	MZZ 2851	3 15 -55 14	13.5 48	3 16 34.85 -55 3 50.0	21.91						0.981	Mg II 2798		1821 2233					
0315-557 C	MZZ 10978	3 15 -55 43	13.6 36	3 16 33.64 -55 32 38.0	21.69*						1.658	C IV 1549 C III 1909		1821 1821 1821 2233				1821Jmag	
0315-553 O	MZZ 4935	3 15 -55 20	15.2 30	3 16 36.29 -55 9 32.1	21.90						1.876	C IV 1549 C III 1909		1821 2233					
0315-552 O	MZZ 4926	3 15 -55 17	16.9 35	3 16 38.11 -55 6 37.2	21.69						0.854	Mg II 2798		1821 2233					
0315-556 C	MZZ 8807	3 15 -55 38	24.1 6	3 16 44.35 -55 27 8.6	19.92						1.879	Si IV 1397 C IV 1549 C III 1909		1821 1821 2233				1821Jmag	
0315-553 C	MZZ 4875	3 15 -55 22	29.3 7	3 16 50.25 -55 11 9.9	17.91						2.531*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.574	1821 1821 2233			2233	1821Jmag	
0315-555 O	MZZ 8770	3 15 -55 33	30.3 22	3 16 50.73 -55 22 24.9	20.91						2.768	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1821 2233					
0315-556 O	MZZ 10845	3 15 -55 41	31.2 1	3 16 51.28 -55 30 4.0	21.15						2.201	H I 1216 N V 1240 C IV 1549		1821 2233					
0315-550 C	MZZ 921	3 15 -55 1	36.7 58	3 16 58.52 -54 51 1.3	20.83						1.972	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1821 1821 2233				1821Jmag	
0315-550 C	MZZ 917	3 15 -55 1	36.9 19	3 16 58.75 -54 50 22.3	19.87*						1.530	C IV 1549 C III 1909		1821 1821 1821 2233				1821Jmag	
0315-556 C	MZZ 8668	3 15 -55 38	45.6 15	3 17 5.74 -55 27 18.8	20.64						2.105+	H I 1216 N V 1240 C IV 1549 C III 1909		1821 8121 2233			2233	1821Jmag	
0315-554 O	MZZ 6708	3 15 -55 24	52.7 56	3 17 13.41 -55 14 0.2	20.26*						2.498+	N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1821 1821 1821 2233				1821Jmag, 1821BAL	
0316-552 C	MZZ 4691	3 16 -55 16	5.7 38	3 17 26.73 -55 5 42.9	20.64						0.636	Mg II 2798		1821 1821 2233				1821Jmag	
0316-346 O		3 16 -34 37	7.6 31	3 18 6.51 -34 26 37.1	15.2	.10					0.265			1799 1799				544 kpc from Fornax Cl, 1799	
0316-555 O	MZZ 8555	3 16 -55 35	7.8 13	3 17 27.98 -55 24 18.0	21.26						2.552*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.526	1821 2233				2233	



TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
										Z	VAR	R	ABS	
0316-203 R MC	3 16 10.21 -20 23 12.0	3 18 25.23 -20 12 18.8	19.5			2.869*	Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798 1.3285 1.1083 0.9942	2.9035	673 1874 673 2281	1818 673 1891 1874 1966 2228 2162 2263				1704fc, 2266imag
0316-555 O MZZ 8525	3 16 12.4 -55 31 20	3 17 32.73 -55 20 25.3	17.97			0.406	Mg II 2798 H I 4340 H I 4861		1821 2233					
0316-451 C25.12	3 16 17.7 -45 9 39	3 18 0.69 -44 58 45.2	17.9			1.66			2277 2277					
0316-552 O MZZ 4609	3 16 23.2 -55 17 23	3 17 44.12 -55 6 28.9	21.88			0.806	Mg II 2798 Ne V 3426 O II 3727		1821 2233					
0316-557 O MZZ 15000	3 16 23.2 -55 42 26	3 17 42.97 -55 31 31.8	18.87			1.414	C IV 1549 C III 1909 Mg II 2798		1821 1821 2233					1821Jmag
0316-417 O	3 16 36.0 -41 43 27	3 18 24.68 -41 32 34.4	19.7	.70		0.538			1799 1799					20.5 arcmin from NGC 1291, 1799,2118
0316-555 C MZZ 6346	3 16 58.6 -55 30 54	3 18 18.74 -55 20 1.8	17.56			0.871	Mg II 2798		1821 1821 2233					1821Jmag
0317+185 BL Lac X R 1E	3 17 1.4 18 35 24.4	3 19 52.36 18 46 13.6	18.12*						1233	1895 2083 2073				1481sp,1233, 1764,2107, 2112x,1481pol 0.190zgal, 1233
0317-198 X 1E	3 17 54 -19 49 0	3 20 9.47 -19 38 12.5	18.56			1.00			1696 1696					31 arcsec from anon gal,0.101 zgal,17.4vgal, 1696,2118
0317-023 R 4C 02.15 PKS OE 030	3 17 56.5 -2 19 24	3 20 28.26 -2 8 37.2	19.5			2.092	Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909		026 084	775 789 1877				3.8arcmin from NGC 1298,2118
0318-196 X	3 18 5.5 -19 37 18	3 20 21.15 -19 26 31.2	14.86*	1.04	.86	0.104			1314 1314					1209imag, 1316sp, 1941uvnd 10 arcmin from NGC 1300,1314, 2118
0319-409 O	3 19 50.9 -40 58 16	3 21 40.23 -40 47 34.2	18.8			2.34	H I 1216 N V 1240 C IV 1549		478 478					846rnd
0320-446 C26.09	3 20 14.3 -44 38 35	3 21 57.46 -44 27 54.4	18.7			2.08			2277 2277					
0320-407 O	3 20 29.3 -40 42 1	3 22 18.95 -40 31 21.4	18.5	.40		0.374			1799 1799					57.7 arcmin from NGC 1291, 1799,2118
0321-421 O	3 21 37.9 -42 8 45	3 23 25.05 -41 58 9.2	17.4	.50		1.807+			1799 1799					1799BAL 75.17 arcmin from NGC 1291, 1799,2118
0321-337 O	3 21 40 -33 44 40	3 23 39.35 -33 34 4.7	17.81	.30	-1.07	1.978+	H I 1216 C IV 1549		409 409 1799 1799					1485ubv, 1799BAL 482 kpc from Fornax Cl, 1799;

TABLE 1—*Continued*

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)			DEC (2000)									ID	Z	VAR	R	
0321-397 O		3 21 50.1 -39 45 38	3 23 40.98 -39 35 3.0	17.6	.60		1.088						1799	1799				99.67 arcmin from NGC 1291, 1799,2118
0321-374 O		3 21 59.2 -37 26 31	3 23 53.47 -37 15 56.6	17.4	.20		2.246						1799	1799				70 kpc from Fornax Cl, 1799
0323-381 O		3 23 1.3 -38 7 31	3 24 54.44 -37 57 0.1	17.6	.20		0.341						1799	1799				258 kpc from Fornax Cl, 1799
0323+022 BL Lac X R	H	3 23 38.04 2 14 47.2	3 26 13.92 2 25 14.7	17.48*	.50	-.50							1321		1454	1321 1454		1321ubv, 1321ir, 1321xvar, 1253imag,1321, 1454,2107, 2112x,1475mf, 1454,1988, 2062pol, 1679uv 0.147zgal, 1454,1515; 26.62 arcmin from 3C 88, 2118; 1902avg Bmag
0324-407 O		3 24 29.3 -40 47 11	3 26 18.18 -40 36 45.0	17.6			3.056*	H I 1216 N V 1240 Si II 1263 O I 1304 Si IV 1397 2.4346	2.9326 2.89 2.82 2.8064 2.4405 2.4346	330 331 430 478 535						535 911 2228	1208,1514BAL, 1847ir,597, 911sp,846, 1213rnd z(abs) 2.84- 2.80 and 2.91- 2.86,535;	
0326-345 A26.09		3 26 45.0 -34 30 23	3 28 42.71 -34 20 5.0	17.9			1.35						2277	2277				
0326+277 R	DW	3 26 56 27 46 18	3 29 57.62 27 56 33.3	17.5			1.533	C IV 1549 He II 1640 C III 1909		081 458								1526vlbi
0326-403 O		3 26 57.6 -40 22 50	3 28 46.73 -40 12 32.4	18.3			2.10 +	C IV 1549 C III 1909		478 478							478	
0328-462 C26.31		3 28 10.4 -46 16 40	3 29 49.08 -46 6 26.3	19.2			2.08						2277	2277				
0328-466 C26.13		3 28 32.2 -46 36 8	3 30 10.19 -46 25 55.5	19.3			3.10						2277	2277				
0329-255 R	PKS	3 29 0.48 -25 34 53.2	3 31 8.95 -25 24 43.3	17.51	.31	-.68	2.689*	H I 1216 N V 1240 Si II 1263 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.4550 493	1872 493			1518 493 1966 1872 2020	761,1304, 2020sp, 1485ubv, 1526vlbi				
0329-378 O		3 29 3.2 -37 48 56	3 30 55.94 -37 38 45.8	16.2	.20		1.745						1799	1799				246 kpc from Fornax Cl, 1799
0329-385 O R		3 29 13.8 -38 34 13	3 31 5.39 -38 24 3.4	16.92	.71	-.57	2.423	H I 1216 N V 1240 O IV 1402 C IV 1549		409 409 478			846 904	1485ubv, 1983ir				
0330-367 O		3 30 13.9 -36 45 3	3 32 8.04 -36 34 56.9	16.7	.30		0.648						1799	1799				150 kpc from Fornax Cl, 1799
0331-450 C26.14		3 31 3.7 -45 5 44	3 32 44.09 -44 55 40.4	17.9			2.6						2277	2277				

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0331-053 X	1E	3 31 6.5 -5 22 1.5	3 33 35.31 -5 11 59.6	17.26					0.139	O II 3727 NeIII 3869 H I 4102 H I 4340 H I 4861		1233	1233			1233FeIIem 6.03 arcmin from NGC 1358, 2118
0332-374 O		3 32 18.5 -37 29 43	3 34 11.27 -37 19 44.1	17.4	.40				0.947			1799	1799			333 kpc from Fornax Cl, 1799
0332-403 R	PKS	3 32 25.26 -40 18 24.0	3 34 13.69 -40 8 25.4	18.5					1.445			095 131 1898		387 1966		847,865pos, 1526vlbi,1800, 2103pol
0333-380 O		3 33 0.38 -38 1 6.6	3 34 52.28 -37 51 10.2	18.5					2.213*	N V 1240 2.162 Si IV 1397 2.13 O IV 1402 C IV 1549 C III 1909 Mg II 2798	1227 1479 1227			1227	1208,1227BAL	
0333-377 O		3 33 10.3 -37 46 46	3 35 2.54 -37 36 50.2	18.0	.30				1.130			1799	1799			481 kpc from Fornax Cl, 1799
0333+321 R X B2 DA 107 HEAO	NRAO 140 4C 32.14 OE 355 B2 DA 107 HEAO	3 33 22.42 32 8 36.6	3 36 30.12 32 18 29.2	17.10*					1.258	C III 1909 Mg II 2798		097 097 756 775 084 875 932 1203 1128 1145 1148 1544 1557 1792 1807 1937 1976 2009				801,936,1119, 1173,1225, 1336rvar,952, 990,1334,1466, 1526,1672, 1715,1935, 1953vlbi, 1201pol,818, 932,952,1215, 1935x,750pos, 096,110fc, 1617,1668ir, 1789mm, 1805mmvar, 1841xvar, 2251sp superluminial source,1827, 448,1845; 1902avg ph mag
0333-342 O		3 33 43.0 -34 17 44	3 35 40.16 -34 7 50.2	18.1	.10				0.621			1799	1799			189 kpc from Fornax Cl, 1799
0334-359 O		3 34 2 -35 58 48	3 35 56.76 -35 48 55.3	18					1.985	H I 1216 C IV 1549		409	409			
0334-441 C	QSF5:17	3 34 7.3 -44 6 25	3 35 48.98 -43 56 32.2	20.53				-.74 (0.973)	C III 1909			2058	2058			2058Bmag, 2058ubv
0334-204 O	UM 683	3 34 13.8 -20 29 29	3 36 27.49 -20 19 37.6	19.1					3.132*	H I 1216 3.0917 N V 1240 3.0432 Si IV 1397 2.8917 O IV 1402 2.1777 C IV 1549 1.4893 1.1174	1025 1025 1874 2281			1874 2228 2263	1382mm Ly limit abs, z=3.020,1874, 2247	
0334-334 O		3 34 23.9 -33 26 56	3 36 22.13 -33 17 4.7	17.9	.30				1.486			1799	1799			354 kpc from Fornax Cl, 1799
0335-364 R	PKS	3 35 0.0 -36 25 55	3 36 53.98 -36 16 5.7	18.00					1.537	C IV 1549 C III 1909 Mg II 2798		095	1803			1966rnd 10kpc from NGC 1392,1803
0335-444 C	QSF5:10	3 35 16.4 -44 26 13	3 36 57.29 -44 16 24.2	19.96				-.65	1.236	C III 1909		2058	2058			2058Bmag, 2058ubv

TABLE 1—*Continued*

		OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0335-336			3 35 23.91	3 37 21.75	18.5							2.258*	H I 1216 2.239	1227 1479					1227	1208,1227BAL
	O		-33 39 2.2	-33 29 14.4									N V 1240 2.18	1227						
													Si IV 1397 2.138							
													O IV 1402							
													C IV 1549							
													C III 1909							
													Mg II 2798							
0335-443	QSF5:15		3 35 24.0	3 37 5.09	20.86								C III 1909		2058 2058					2058Bmag, 2058ubv
	C		-44 18 50	-44 9 1.7																
0335-431	C27.07		3 35 24.0	3 37 7.16	18.1							2.58			2277 2277					
			-43 10 1	-43 0 12.7																
0335-350			3 35 25.3	3 37 21.24	19.2		.30					0.321			1314 1314					
	X		-35 1 25	-34 51 37.2																
0335-122	PKS		3 35 33.64	3 37 55.73	19.8							3.45	H I 1216		1313			762		
	R		-12 13 58.6	-12 4 12.2									C IV 1549		1593			1518 2162		
0335-441	QSF5:12		3 35 33.8	3 37 15.09	18.94								Mg II 2798		2058 2058					2058Bmag, 2058ubv
	C		-44 11 20	-44 1 32.3																
0335-444	QSF5:18		3 35 33.9	3 37 14.80	19.60								C III 1909		2058 2058					2058Bmag, 2058ubv
	C		-44 24 7	-44 14 19.2																
0335-362			3 35 43.1	3 37 37.24	18.3		.30					2.015			1799 1799					30 kpc from Fornax Cl, 1799
	O		-36 15 52	-36 6 5.2																
0335-440	QSF5:36		3 35 54.0	3 37 35.53	19.12								C III 1909		2058 2058					2058Bmag, 2058ubv
	C		-44 1 36	-43 51 49.5																
0335-353			3 35 59.2	3 37 54.55	19.8		-.20					1.002			1314 1314					15 arcmin from NGC 1399,1314, 2118
	X		-35 23 30	-35 13 44.2																
0336-444	QSF5:04		3 36 3.8	3 37 44.48	20.32								C IV 1549		2058 2058					2058Bmag, 2058ubv
	C		-44 28 37	-44 18 51.0									C III 1909							
0336-444	QSF5:01		3 36 21.7	3 38 2.47	20.01										2058 2058					2058Bmag, 2058ubv, 2058neml
	C		-44 24 0	-44 14 15.1																
0336-441	QSF5:19		3 36 28.4	3 38 9.54	20.16								C IV 1549		2058 2058					2058Bmag, 2058ubv
	C		-44 11 19	-44 1 34.5																
0336-443	QSF5:09		3 36 36.3	3 38 17.19	18.20								Mg II 2798		2058 2058					2058Bmag, 2058ubv
	C		-44 18 50	-44 9 5.9																
0336-439	QSF5:35		3 36 42.5	3 38 24.01	20.64								C III 1909		2058 2058					2058Bmag, 2058ubv, 2058BAL
	C		-43 57 59	-43 48 15.3																
0336-442	QSF5:42		3 36 49.0	3 38 29.90	21.20								C IV 1549		2058 2058					2058Bmag, 2058ubv
	C		-44 17 26	-44 7 42.7									C III 1909							
0336-442	QSF5:33		3 36 49.2	3 38 30.17	20.96										2058 2058					2058Bmag, 2058ubv, 2058neml
	C		-44 15 3	-44 5 19.7																
0336-359			3 36 52.3	3 38 46.75	18.1		.30								1799 1799					68 kpc from Fornax Cl, 1799
	O		-35 56 59	-35 47 16.3																

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0336-019	PKS R CTA 26 X DA 110 OE 063 GC	3 36 58.91 -1 56 16.3	3 39 30.90 -1 46 35.3	17.60*	.55	-.82	0.852	C III 1909 Mg II 2798					055	026 055 128 436 756 789 875 955 1068 1399 1902 1557 2054 1888				055ubv,900, 1988,2062, 2103pol,936, 1119rvar,955, 1241x,1399ir, 847pos, 1526vlbi,057, 1478fc, 1805mmvar, 1852phot, 1789mm IRAS source, 1806 1902avg ph mag	
0337-443	QSF5:44 C	3 37 0.4 -44 21 57	3 38 41.13 -44 12 14.4	18.34		-.37	1.364	C III 1909					2058 2058					2058Bmag, 2058ubv	
0337-444	QSF5:40 C	3 37 1.4 -44 28 47	3 38 41.91 -44 19 4.4	21.20		-.90	0.900	C III 1909					2058 2058					2058Bmag, 2058ubv	
0337-445	QSF5:48 C	3 37 1.6 -44 33 34	3 38 41.97 -44 23 51.4	20.62		-.36	1.090	C III 1909					2058 2058					2058Bmag, 2058ubv	
0337-441	QSF5:39 C	3 37 6.4 -44 11 54	3 38 47.42 -44 2 11.7	20.81		-.82	1.609	C IV 1549 C III 1909					2058 2058					2058Bmag, 2058ubv	
0337-439	QSF5:31 C	3 37 17.7 -43 59 5	3 38 59.08 -43 49 23.4	18.85		-.75	0.912	Mg II 2798					2058 2058					2058Bmag, 2058ubv	
0337-443	QSF5:23 C	3 37 37.6 -44 21 29	3 39 18.24 -44 11 48.6	20.87		-.61	1.661	C IV 1549 C III 1909					2058 2058					2058Bmag, 2058ubv	
0337-444	QSF5:47 C	3 37 38.9 -44 28 11	3 39 19.33 -44 18 30.6	20.67		-.62	0.371						2058 2058					2058Bmag, 2058ubv, 2058neml	
0338-443	QSF5:20 C	3 38 6.1 -44 22 12	3 39 46.64 -44 12 33.3	20.51		-.77	1.733	C IV 1549 C III 1909					2058 2058					2058Bmag, 2058ubv	
0338-443	QSF5:25 C	3 38 6.1 -44 18 32	3 39 46.75 -44 8 53.3	20.96		-.53	1.762	C IV 1549 C III 1909					2058 2058					2058Bmag, 2058ubv	
0338-405	O	3 38 9.6 -40 30 16	3 39 56.87 -40 20 37.7	18.3			2.08	C IV 1549					478 478						
0338-394	O	3 38 11.9 -39 24 23	3 40 0.94 -39 14 44.9	18.4			2.59	H I 1216 N V 1240 C IV 1549					478 478					846rnd	
0339-450	QSF1:05 C	3 39 3.8 -45 2 51	3 40 42.91 -44 53 15.7	20.98		-.55	0.346	O II 3727					1878 1878 2058 2058					1878Bmag, 2058neml	
0339-441	QSF3:29 C	3 39 17.7 -44 11 52	3 40 58.36 -44 2 17.5	20.84		-1.14	1.522	C IV 1549 C III 1909					2058 2058					2058Bmag, 2058ubv	
0339-450	QSF1:03 C	3 39 18.1 -45 2 7	3 40 57.19 -44 52 32.5	20.86		-.75	1.072	C III 1909 Mg II 2798					1878 1878 2058 2058					1878Bmag	
0339-450	QSF1:01 C	3 39 26.2 -45 5 53	3 41 5.15 -44 56 19.0	18.73		-.60	2.268	H I 1216 Si IV 1397 C IV 1549					1878 1878 2058 2058					1878Bmag	
0339-445	QSF3:35 C	3 39 27.4 -44 32 57	3 41 7.38 -44 23 23.1	20.93		-.40	1.531	C IV 1549 C III 1909					2058 2058					2058Bmag, 2058ubv	
0339-449	QSF1:19 C	3 39 42.4 -44 58 51	3 41 21.52 -44 49 18.0	20.48		-.58	1.146	C III 1909 Mg II 2798					1878 1878 2058 2058					1878Bmag	
0339-451	QSF1:04 C	3 39 47.4 -45 8 15	3 41 26.21 -44 58 42.3	19.75		-.52	2.049	H I 1216 N V 1240 C IV 1549					1878 1878 2058 2058					1878,2058Bmag, 2058ubv	
0339-445	QSF3:36 C	3 39 47.7 -44 35 0	3 41 27.56 -44 25 27.3	19.48		-.76	0.794	Mg II 2798					2058 2058					2058Bmag, 2058ubv	
0339-448	QSF1:17 C	3 39 48.1 -44 52 0	3 41 27.43 -44 42 27.3	20.61		-.54	1.745	C IV 1549					1878 1878 2058 2058					1878Bmag	

TABLE 1—Continued

		OTHER	RA (1950)	RA (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION	Z(ABS)	REFERENCES				NOTES	
		NAMES	DEC (1950)	DEC (2000)					LINES		ID	Z	VAR	R	ABS	
0339-366			3 39 48.1	3 41 41.17	17.6	.20		1.402			1799	1799				66 kpc from Fornax Cl, 1799
O			-36 38 45	-36 29 12.7												
0339-448	QSF1:22		3 39 49.4	3 41 28.71	20.71		-.28	0.360	O II 3727		1878	1878				1878Bmag, 2058neml
C			-44 52 27	-44 42 54.4					O III 5007		2058	2058				
0339-443	QSF3:27		3 39 58.4	3 41 38.68	20.42		-.62	(1.895)	C IV 1549		2058	2058				2058Bmag, 2058ubv
C			-44 20 37	-44 11 5.0												
0339-442	QSF3:15		3 39 59.5	3 41 39.93	20.91		-.25	0.268			2058	2058				2058Bmag, 2058ubv, 2058neml
C			-44 15 38	-44 6 6.0												
0340-440	QSF3:18		3 40 2.5	3 41 43.39	20.50		-.26	1.514	C IV 1549		2058	2058				2058Bmag, 2058ubv
C			-44 0 40	-43 51 8.2					C III 1909							
0340-451	QSF1:10		3 40 10.3	3 41 48.98	19.57		-.23	0.312	O II 3727		1878	1878				1878Bmag, 2058neml
C			-45 10 20	-45 0 48.6					O III 5007		2058	2058				
0340-440	QSF3:12		3 40 12.0	3 41 52.77	19.31		-1.35	1.751	C IV 1549		2058	2058				2058Bmag, 2058ubv
C			-44 3 38	-43 54 6.8					C III 1909							
0340-372	PKS		3 40 13.27	3 42 5.43	18.6				Mg II 2798		1861	1861		1861		
R			-37 12 53.4	-37 3 22.6					O II 3727							
									NeIII 3869							
0340-444	QSF3:31		3 40 15.8	3 41 55.86	19.48		-.74	1.792	C IV 1549		2058	2058				2058Bmag, 2058ubv
C			-44 26 8	-44 16 37.0					C III 1909							
0340-443	QSF3:32		3 40 16.6	3 41 56.73	20.13		-.45	1.480	C IV 1549		2058	2058				2058Bmag, 2058ubv
C			-44 23 45	-44 14 14.0					C III 1909							
0340-442	QSF3:13		3 40 23.2	3 42 3.64	19.16		-.72	0.633	Mg II 2798		2058	2058				2058Bmag, 2058ubv
C			-44 13 15	-44 3 44.4												
0340-453	QSF1:12		3 40 33.9	3 42 12.16	20.01		-.29	2.212	H I 1216		1878	1878				1878Bmag
C			-45 21 29	-45 11 59.0					N V 1240		2058	2058				
									C IV 1549							
									C III 1909							
0340-443	QSF3:34		3 40 39.9	3 42 20.10	21.04		-.51	0.246			2058	2058				2058Bmag, 2058ubv, 2058neml
C			-44 19 40	-44 10 10.4												
0340-441	QSF3:10		3 40 41.8	3 42 22.28	20.21		-.25	0.598	Mg II 2798		2058	2058				2058Bmag, 2058ubv
C			-44 10 35	-44 1 5.6												
0340-440	QSF3:19		3 40 44.2	3 42 24.85	20.19		-.44	0.860	Mg II 2798		2058	2058				2058Bmag, 2058ubv
C			-44 4 37	-43 55 7.7												
0340-452	QSF1:16		3 40 45.8	3 42 24.29	21.18		-.44	2.000	H I 1216		1878	1878				1878Bmag
C			-45 13 3	-45 3 33.7					C IV 1549		2058	2058				
									He II 1640							
0340-450	QSF1:34		3 40 50.1	3 42 28.83	18.96		-.47	2.004+	H I 1216		1878	1878				1878Bmag, 2058BAL
C			-45 5 27	-44 55 58.0					N V 1240		2058	2058				
									Si IV 1397							
									C IV 1549							
0340+048	3CR 93		3 40 51.54	3 43 30.00	17.73*	.35	-.50	0.357	Mg II 2798		136	137	136	789		136,323ubv, 323,1201pol, 1172ir
R	PKS		4 48 21.7	4 57 48.6					NeIII 3869				875	1086		
	OE 069								H I 4861				1068	1804		
	4C 04.13								O III 4959				1902	1888		1902avg ph mag
	NRAO 144								O III 5007							
	GC															
0340-440	QSF3:05		3 40 54.5	3 42 35.24	20.44		-.71	1.466	C IV 1549		2058	2058				2058Bmag, 2058ubv
C			-44 0 46	-43 51 17.3					C III 1909							
0340-452	QSF1:11		3 40 57.8	3 42 36.29	19.06		-.23	0.182	O II 3727		1878	1878				1878Bmag, 2058neml
C			-45 12 6	-45 2 37.5					H I 4861		2058	2058				
									O III 4959							
									O III 5007							
0340-442	QSF3:39		3 40 58.2	3 42 38.52	20.44		-.61	0.374	Mg II 2798		2058	2058				2058Bmag, 2058ubv
C			-44 14 17	-44 4 48.5												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950)			RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC	(1950)	(1950)								ID	Z	VAR	R	ABS	
0341-453	QSF1:09	3 41 6.4	3 42 44.59	20.59						Mg II 2798		1878 1878					1878Bmag
C		-45 20 50	-45 11 22.0							He II 3203		2058 2058					
0341-441	QSF3:08	3 41 7.3	3 42 47.74	20.90								2058 2058					2058Bmag, 2058ubv, 2058neml
C		-44 9 24	-43 59 56.1														
0341-447	QSF1:37	3 41 11.9	3 42 51.17	20.34						C III 1909		1878 1878					1878Bmag
C		-44 46 19	-44 36 51.3							Mg II 2798		2058 2058					
0341-445	QSF3:47	3 41 15.8	3 42 55.51	19.80						Mg II 2798		2058 2058					2058Bmag, 2058ubv
C		-44 32 10	-44 22 42.6														
0341-440	QSF3:01	3 41 23.8	3 43 4.33	20.77						Mg II 2798		2058 2058					2058Bmag, 2058ubv
C		-44 5 12	-43 55 45.1														
0341-449	QSF1:40	3 41 32.7	3 43 11.54	18.53						C IV 1549		1878 1878					1878Bmag
C		-44 58 14	-44 48 47.6							C III 1909		2058 2058					
0341-444	QSF3:45	3 41 34.3	3 43 14.04	21.16						C III 1909		2058 2058					2058Bmag, 2058ubv
C		-44 29 32	-44 20 5.7														
0341-451	QSF1:32	3 41 41.0	3 43 19.42	20.28						C II 2326		1878 2058					1878Bmag
C		-45 10 41	-45 1 15.1							Mg II 2798		2058					
0341-450	QSF1:29	3 41 43.9	3 43 22.51	21.14						Mg II 2798		1878 1878					1878Bmag
C		-45 4 26	-44 55 0.2									2058 2058					
0341-442	QSF3:40	3 41 48.7	3 43 28.83	20.40						C IV 1549		2058 2058					2058Bmag, 2058ubv
C		-44 16 1	-44 6 35.6														
0341-452	QSF1:07	3 41 50.7	3 43 28.86	20.06						Si IV 1397		1878 1878					1878Bmag
C		-45 17 41	-45 8 15.6							C IV 1549		2058 2058					
0342-451	QSF1:31	3 42 0.9	3 43 39.25	19.78						Mg II 2798		1878 1878					1878Bmag
C		-45 10 55	-45 1 30.2									2058 2058					
0342-449	QSF1:30	3 42 7.2	3 43 46.01	20.47						C IV 1549		1878 2058					1878Bmag
C		-44 56 18	-44 46 53.6							C III 1909		2058					
0342-387	B25.09	3 42 10.0	3 43 59.62	18.7						2.45		2277 2277					
		-38 42 5	-38 32 41.2														
0342-449	QSF1:33	3 42 11.5	3 43 50.28	20.73						O II 3727		1878 1878					1878Bmag, 2058neml
C		-44 56 38	-44 47 13.9							O III 4959		2058 2058					
										O III 5007							
0342-450	QSF1:36	3 42 13.5	3 43 52.07	18.46						C IV 1549		1878 1878					1878Bmag
C		-45 3 4	-44 53 40.0							C III 1909		2058 2058					
0342-250		3 42 52	3 44 59.99	18.8						0.653		1224 1224					1224x
X		-25 1 41	-24 52 20.3							H I 4861							
										O III 5007							
0343-460	QSF2:09	3 43 33.2	3 45 9.57	20.62						C IV 1549		1878 2058					1878Bmag
C		-46 3 45	-45 54 25.8							C III 1909		2058					
0344-462	QSF2:30	3 44 0.0	3 45 35.95	19.36						Mg II 2798		1878 1878					1878Bmag
C		-46 13 52	-46 4 34.4									2058 2058					
0344-460	QSF2:16	3 44 1.2	3 45 37.58	19.25						Mg II 2798		1878 1878					1878Bmag
C		-46 1 3	-45 51 45.5									2058 2058					
0344-463	QSF2:28	3 44 20.7	3 45 56.35	19.57						H I 1216		1878 1878					1878Bmag
C		-46 21 3	-46 11 46.6							C IV 1549		2058 2058					
										C III 1909							
0344-458	QSF2:03	3 44 29.7	3 46 6.27	19.89						N V 1240		1878 1878					1878Bmag
C		-45 52 47	-45 43 31.2							Si IV 1397		2058 2058					
										C IV 1549							
0344-461	QSF2:15	3 44 32.2	3 46 8.18	20.40						C III 1909		1878 1878					1878Bmag
C		-46 10 21	-46 1 5.3							Mg II 2798		2058 2058					
0344-462	QSF2:36	3 44 36.1	3 46 11.83	20.53						H I 1216		1878 1878					1878Bmag
C		-46 17 26	-46 8 10.5							C IV 1549		2058 2058					
0344-462	QSF2:31	3 44 53.9	3 46 29.59	19.92						C III 1909		1878 2058					1878Bmag
C		-46 17 4	-46 7 49.6									2058					

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0345-462	QSF2:18	3 45 12.1	3 46 47.85	19.53			-1.34	1.699	C IV 1549	1878 1878					1878Bmag
C		-46 13 51	-46 4 37.7						C III 1909	2058 2058					
0345-463	QSF2:29	3 45 13.8	3 46 49.34	19.94			-.63	1.984	H I 1216	1878 1878					1878Bmag
C		-46 19 54	-46 10 40.8						C IV 1549	2058 2058					
0345-463	QSF2:35	3 45 19.3	3 46 54.69	19.02			-.34	0.743	MgVII 2632	1878 1878					1878Bmag
C		-46 23 44	-46 14 31.2						Mg II 2798	2058 2058					
0345-445	C28.03	3 45 25.8	3 47 4.75	17.9				2.47		2277 2277					
		-44 34 55	-44 25 42.7												
0345+015	PC	3 45 27.0	3 48 2.29	21.7				3.636		1698 1698					1698rmag
O		1 30 8	1 39 18.4												
0345-457	QSF2:05	3 45 34.2	3 47 10.76	20.26			-.37	2.494	H I 1216	1878 1878					1878Bmag
C		-45 47 51	-45 38 39.1						C IV 1549	2058 2058					
0345-460	QSF2:39	3 45 55.7	3 47 31.64	19.94			-.36	(1.329)	C III 1909	1878 1878					1878Bmag
C		-46 4 37	-45 55 26.4							2058 2058					
0346-463	QSF2:20	3 46 5.6	3 47 41.02	21.12			-.46	(0.200)		1878 2058					1878Bmag, 2058nem1
C		-46 19 14	-46 10 4.0							2058					
0346-460	QSF2:44	3 46 16.0	3 47 51.88	20.49			-.73	0.490	Mg II 2798	1878 1878					1878Bmag, 2058QSO?
C		-46 4 38	-45 55 28.6						He II 3203	2058 2058					
0346-462	QSF2:26	3 46 20.2	3 47 55.71	20.80			-.38	2.118	H I 1216	1878 1878					1878Bmag
C		-46 15 25	-46 6 15.9						C IV 1549	2058 2058					
0346-462	QSF2:17	3 46 23.0	3 47 58.61	20.51			-.44	2.213	H I 1216	1878 1878					1878Bmag
C		-46 12 1	-46 2 52.0						C IV 1549	2058 2058					
0346-461	QSF2:42	3 46 26.2	3 48 1.83	19.94			-.21	(1.351)	C IV 1549	1878 1878					1878Bmag
C		-46 11 21	-46 2 12.2						C III 1909	2058 2058					
0346-279	PKS	3 46 34.0	3 48 38.12	19.4				0.988	C III 1909	1861 1861			1966		13051r,1789mm new id in 1861
R		-27 58 20	-27 49 12.6						Mg II 2798						
0347-241	PKS	3 47 4.3	3 49 12.99	19.0				1.885	H I 1216	762 1304			1518		761sp
R		-24 10 14	-24 1 8.6						N V 1240 Si II 1263 C IV 1549				1966		
0347-450	C28.05	3 47 28.4	3 49 6.11	18.8				2.90		2277 2277					
		-45 3 29	-44 54 24.1												
0347-383		3 47 53.7	3 49 43.18	17.3			3.23	* H I 1216 3.0252	431 431					478	597,911sp,
O		-38 19 30	-38 10 27.0					N V 1240 2.8487	478					911	846rnd
								Si IV 1397 2.8103						1994	Ly limit abs,
								O IV 1402 2.6508						2059	z=3.02,911,
								C IV 1549 2.5706						2125	1994,2247;
								2.3852						2228	damped Ly
								1.5263						2263	alpha,2243
								1.4581							
0348-450	C28.13	3 48 6.9	3 49 44.43	18.2				2.12		2277 2277					
		-45 5 53	-44 56 50.5												
0348+061	NAB	3 48 36.62	3 51 16.54	17.6			2.059*	H I 1216 2.0330	016 016					016	704,1202pol,
C		6 10 15.5	6 19 14.1					Si IV 1397 2.0237	1872					1872	853rnd,
								O IV 1402 1.9681	2281					1873	1531elp,
								C IV 1549 1.8409						2228	2251sp
								1.7975						2263	
								0.3997							
0348-120	PKS	3 48 49.0	3 51 10.81	19.0				1.520		011 1305			1518		13051r,
R		-12 2 18	-11 53 19.5										1966		1526vlbi
													1976		
0349-146	MSH 03-19	3 49 9.5	3 51 28.60	16.22	.33	-.56	0.616	Mg II 2798	079 1467			128			003,079,
R	3C 95	-14 38 7	-14 29 9.7					Ne V 3426	098			775			1485ubv,1028,
	PKS								1731			1888			1202pol,799,
	NRAO 147											1891			16171r,1032,
	OE 181.9											1966			1188sp,1028mm, 1320rpol, 1688imag,057, 244fc



TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC (1950)		DEC (2000)									Z	VAR	R	ABS	
0350-073	3C 94	3 50 4.02	3 52 30.57	16.70*	.44	-.68	0.962	C III 1909				079	002	212 128		007,299,	
R	PKS	-7 19 55.8	-7 11 2.1					Mg II 2798						252 775		1485ubv,004,	
	MSH 03-06													290 1586		705,1202pol,	
	NRAO 149													875 1891		749pos,799ir,	
	OE 083													920		057fc	
	GC															1902avg Bmag	
	WK																
0350-280		3 50 34.2	3 52 37.86	18.2	.40		0.170					1314	1314				
X		-28 4 38	-27 55 45.4														
0351-378		3 51 18.92	3 53 8.77	18.5			2.939	C IV 1549				1440	1440				
O		-37 49 39.9	-37 40 49.6														
0351-390		3 51 30.9	3 53 18.71	17.9			3.01 +	O VI 1034				431	431		911	846rnd,597,	
O		-39 4 46	-38 55 56.4					H I 1216					478			911sp	
								N V 1240									
								O I 1304									
								Si IV 1397									
								O IV 1402									
								C IV 1549									
0351+187		3 51 57	3 54 50.15	19			2.71 *	O VI 1034	2.70			476	476		476		
R		18 45 47.7	18 54 33.5					H I 1216									
								Si IV 1397									
								O IV 1402									
								C IV 1549									
0352-275	UM 684	3 52 1.5	3 54 5.70	18.0			2.823*	H I 1216	2.8001	1025	1874				1874		
O		-27 32 55	-27 24 7.8					N V 1240	2.5792		1025				2228		
								Si IV 1397	2.2002		2281				2263		
								O IV 1402	2.1442								
								C IV 1549	1.4051								
0352-164	PKS	3 52 7.94	3 54 25.02	18.0			1.187	C III 1909				296	1251		1251	1966rnd	
R		-16 25 8.5	-16 16 22.1					Mg II 2798									
0352+123	PKS	3 52 59.25	3 55 45.60	19.31			1.616*	H I 1216	1.6007	087	436			489	2049		
R	4C 12.17	12 23 3.5	12 31 45.7					C IV 1549	1.4831		2049			1818	2263		
								He II 1640			2281			1891			
								O III 1663						1976			
								C III 1909									
								Mg II 2798									
0353-383		3 53 0.7	3 54 49.57	17.5			1.961*	H I 1216	1.4216	478	478			846	1000	842,2020sp	
O		-38 18 36	-38 9 52.0					N V 1240			328			904	1394		
R								O I 1304			2281				2228		
								Si IV 1397							2263		
								O IV 1402									
								N IV 1488									
								C IV 1549									
								He II 1640									
								O III 1663									
								N III 1750									
								C III 1909									
0353+206	UT	3 53 42.1	3 56 37.51	19			1.92	H I 1216				1437	1437				
R		20 41 35	20 50 14.2					C IV 1549									
0354+202		3 54 55.52	3 57 50.47	19			1.728	H I 1216				476	476		1976		
R		20 13 19.2	20 21 53.8					C IV 1549									
0355+079	PKS	3 55 17.5	3 57 59.38	19.5			1.050	C III 1909				296	1304		1518	761sp	
R		7 59 49	8 8 22.7					Mg II 2798							1976		
0355-483	PKS	3 55 52.57	3 57 21.99	16.38	.33	-.88	1.005	C III 1909				411	410		1519	736,1485ubv,	
R		-48 20 50.2	-48 12 16.2					Mg II 2798				1898				418,761sp,886,	
								Ar IV 2854								1617ir,420fc,	
																1526vlbi,	
																1966rnd	
0357+107	1E	3 57 27.1	4 0 11.91	16.78	.30	-.75	0.182	H I 4340				1269	1269			1269ubv,	
X		10 46 48	10 55 13.5					H I 4861								1269FeIIem,	
								O III 5007								1269x,1207,	
								H I 6563								1261imag,1910,	
																2047sp	
0357-432	C28.16	3 57 59.4	3 59 39.06	17.7			1.51					2277	2277				
		-43 13 40	-43 5 14.3														

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES		Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0400+258	OF 200		4 0 3.7	4 3 5.69	18							2.109	H I 1216			348	443	1297		1119,1336rvar,	
R	B2		25 51 45	25 59 60.0									C IV 1549							1241,1350xnd,	
	DW																			1181sp,1617ir,	
	CTD 26																			1526vlbi,	
	GC																			2103pol	
0400-271	UM 685		4 0 36.0	4 2 40.10	18.9							2.834*	H I 1216 2.8540	1025 1025					1025	1874BAL	
O			-27 6 33	-26 58 18.0									N V 1240 2.7820	1874					1874		
													Si IV 1397 2.4685	2281					2228		
													O IV 1402 1.2224						2263		
													C IV 1549								
0400-402			4 0 37.0	4 2 21.78	17.9							1.11	C III 1909	980 980							
O			-40 12 33	-40 4 17.5									Mg II 2798								
0401-350			4 1 1.0	4 2 54.05	17.4							0.22	H I 4861	980 980							
O			-35 3 36	-34 55 22.3																	
0401-350	B		4 1 18.4	4 3 11.38	19.5							3.242+	H I 1216	980 980					980	Ly abs, 2156	
O			-35 5 10	-34 56 57.4									N V 1240								
													C IV 1549								
0402-362	PKS		4 2 2.65	4 3 53.82	17.17	.15	-.96				1.417*	C IV 1549 0.797	103 024					387 954	736ubv, 761,		
R			-36 13 11.2	-36 5 1.3								C III 1909						1966 2228	954, 1304sp,		
																		2263	780, 886ir, 847,		
																			865pos,		
																			1526vlbi,		
																			2103pol		
0402-337	A27.05		4 2 6.9	4 4 1.85	18.0							3.04		2277 2277							
			-33 42 54	-33 34 44.5																	
0403-132	PKS		4 3 13.98	4 5 34.01	17.17*	.28	-.57				0.571	Mg II 2798	079 002 079 128						059, 134ubv,		
R			-13 16 17.9	-13 8 13.5								Ne V 3426	1305 290 1162						703, 900, 1201,		
X												O II 3727							2103pol, 1188,		
																			2229sp, 999x,		
																			1305ir,		
																			1526vlbi		
0403-131	SHK 278-4		4 3 16	4 5 36.19	18.2	.56					0.121	O II 3727	2212 2212								
S			-13 7 0	-12 58 55.8								H I 4102									
												H I 4340									
												H I 4861									
												O III 4959									
												O III 5007									
0404+177	PKS		4 4 36.15	4 7 28.73	19.22							1.712	H I 1216	124 436					789		
R	4C 17.22		17 42 52.5	17 50 50.4								C IV 1549							1818		
												C III 1909							1891		
																			2009		
0405-385	PKS		4 5 11.89	4 6 58.92	17.5							1.285		103 2199					767	1526vlbi	
R			-38 34 25.2	-38 26 27.2															1966		
0405-123	MSH 04-12		4 5 27.45	4 7 48.42	15.35*	.18	-.60				0.574	Mg II 2798	035 054 007 128						007, 134, 1451,		
R	PKS		-12 19 31.8	-12 11 36.0								H I 4340	1731 099 775						1485ubv, 099,		
	OF 109												212 1792						877, 1202,		
	HEAO												248 1804						2103pol, 772,		
													252 1966						1355, 1693,		
													290						1941, 2061uv,		
													920						324, 1032, 1188,		
													1068						2229sp,		
													2054						1325FeIIem,		
																			780, 799, 1305,		
																			1617ir,		
																			801rvar,		
																			749pos, 1466,		
																			1526vlbi, 057,		
																			079fc,		
																			1942uvvar		
																			gal 13 arcsec		
																			SW, 1404, 2118		
0405-442	C29.01		4 5 41.8	4 7 18.32	17.6							3.00		2277 2277							
			-44 17 58	-44 10 1.6																	

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0406+121 BL Lac R X	PKS	4 6 35.62 12 9 49.5	4 9 22.15 12 17 40.0	20.5									1262				781 1212		1031lr,1356, 2112x,412rvar, 1262irvar, 855sp
0406-127 R OF 111	PKS	4 6 45.42 -12 46 40.9	4 9 5.87 -12 38 50.1	18.5						1.563	Si IV 1397 O IV 1402 C IV 1549 C III 1909		011	501			011 1966 1976		761,1304sp, 1526vlbi
0407-453	C29.08	4 7 27.8 -45 19 43	4 9 1.98 -45 11 53.3	17.5						1.84			2277	2277					
0407-199 R	MC	4 7 28.10 -19 55 49.9	4 9 40.51 -19 48 1.6	19.5						1.986	H I 1216 Si IV 1397 O IV 1402 C IV 1549		673	673			1818 1976		1704fc, 1966rnd
0409-340	A28.09	4 9 37.0 -34 1 3	4 11 30.80 -33 53 22.4	17.5						1.35			2277	2277					
0409+229 R 4C 22.08 X NRAO 167 DA 128 PKS B2	3C 108	4 9 44.7 22 57 27.8	4 12 43.70 23 5 5.6	18.7		.90				1.215	C III 1909 Mg II 2798 O II 3727		139	137			462 800 1976 2092		1201pol, 1172ir, 1320rpol, 1356x, 1526vlbi, 033fc
0410-430	C28.07	4 10 6.7 -43 2 12	4 11 45.12 -42 54 32.8	16.7						2.40			2277	2277					
0413-116 S		4 13 37.9 -11 41 22	4 15 59.33 -11 33 58.0	22						3.853*	O VI 1034 H I 1216 N V 1240 Si II 1307 Si IV 1397 O IV 1402 C IV 1549		2072	2072					2072BAL, 2072Bmag 1.22 arcmin from anon gal, 2118
0413-210 R	PKS	4 13 53.6 -21 3 51	4 16 4.35 -20 56 27.6	18.5						0.808	C III 1909 C II 2326 Mg II 2798		296	1304 1305			1518 1966		761sp, 1526vlbi
0414+009 BL Lac X R	1H	4 14 17.58 0 58 3.4	4 16 52.41 1 5 24.3	17.59*	.48	-.70							1044 2298		1902	1044 1658 2220		1044,2107, 2112x,1044ubv, 1800,1988, 2062pol 1902avg Bmag; 0.287xgal,2218 strange config of gals near, 2219	
0414-189 R MC	PKS	4 14 23.35 -18 58 29.7	4 16 36.55 -18 51 8.4	18.5						1.536	C IV 1549 He II 1640 C III 1909 Mg II 2798 Mg V 2931 Ne V 3426		466	466 501			011 1966 1976		1526vlbi, 011fc,761, 1304sp,1789mm
0414-060 R 4C 05.17 X 3C 110 OF 024 NRAO 170	PKS	4 14 49.18 -6 1 4.3	4 17 16.66 -5 53 45.2	16.25*	.30	-.70	0.781				C III 1909 Mg II 2798 H I 4340 H I 4861		048	100 1731	567 875	1518		736ubv,704, 877,1202pol, 1355,1628, 1693,1941, 2061uv,780ir, 912,1183, 1980x,958sp, 958FeIIem, 129pos 1902avg Bmag	
0415-200 R	MC	4 15 6.42 -20 2 10.3	4 17 18.34 -19 54 51.7	19.5						0.604	C II 2326 Mg II 2798 Mg V 2931 O III 3133 Ne V 3426 H I 4102		673	673					1704fc, 1966rnd

TABLE 1—Continued

		OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
			DEC (1950)			DEC (2000)										Z	VAR	R	ABS	
0416-456	C29.10		4 16 38.1 -45 39 26	4 18 10.35 -45 32 12.1	17.5						2.5			2277	2277					
0419-455	C29.03		4 19 20.2 -45 30 57	4 20 52.41 -45 23 53.8	17.9						2.45			2277	2277					
0420+070			4 20 0 7 0 0	4 22 41.27 7 6 58.2							2.918*	H I 1216 Si IV 1397 O IV 1402 C IV 1549	2.6526 2.2953 1.5269		1874			1874 2228 2263		
0420+003 X			4 20 7.7 0 23 22	4 22 41.92 0 30 19.9	19.1	.30					2.903			1314	1314					
0420-388 O X R	A		4 20 30.07 -38 51 50.4	4 22 14.99 -38 44 52.2	16.92	.78	.90	3.12	*	H I 1216 N V 1240 Si II 1263 O I 1304 Si IV 1397 O IV 1402	3.0863 2.2909 2.2619 2.2463	431 431 478				846 552 904 911 1358 1747 1830 2075 2228 2263	1382mm,696, 912,1488x,780, 886,919ir,597, 911sp,672, 1485ubv, 1941uv rich abs spectrum,~200 systems,Ly alpha abs, 1358, 2156; Ly limit abs, 2247			
0420-388 O	B		4 20 36.6 -38 50 10	4 22 21.56 -38 43 12.3	20.8						2.403+	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1830 1830			1830			
0420-014 R X	PKS OF 035 OA 129		4 20 43.54 -1 27 28.5	4 23 15.80 -1 20 32.9	17.76*	.58	-.32	0.915*	C III 1909 Mg II 2798 Ne V 3426	0.633	026 026 436	254 128 255 789 290 837 728 955 754 1212 755 1326 1068 1544 1802 1557 2174 1807 1930	640 900,1626, 2103pol, 836FeIIem, 1357,1971mf, 899,1388rpol, 1028,1789mm, 1196,1580, 1617,2021ir, 1337ubv, 1119rvar,873, 955x,836sp, 847pos, 1526vlbi,077, 1748fc, 1805mmvar, 1806, 1860irvar, 1852phot, 2095imag IRAS source, 1644,1748							
0420-390 X	1E		4 20 55.1 -39 3 25.3	4 22 39.64 -38 56 28.8	19.1						0.269	O II 3727 H I 4861 O III 5007		1416 1416				1048x		
0421+019 R GC	PKS OF 036		4 21 32.67 1 57 32.7	4 24 8.56 2 4 24.9	17.04*	.14	-.69	2.055*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	1.9993 1.6379 1.5977 1.5378 1.4555 0.0002	026 443 1337 2281	128 974 789 1969 1297 2228 2263	1337,1485ubv, 877,1201pol, 831,1181, 2251sp, 1526vlbi Ly alpha abs, 974							

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0422+004 BL Lac R X	OF 038 PKS GC	4 22 12.46 0 29 16.9	4 24 46.79 0 36 6.5	16.05*	.10	-.49							052	682 875 970 1142 1902 1932 2073	837 955 1127 1200 1326 1557 1792 1807		682,1485Subv, 642,877,1988, 2062,2167pol, 1056,1389phot, 781,1144,1399, 2035ir,1008, 1086rvar,955, 2112x,1576mf, 009,432, 1803sp, 1466vlbi, 1902OVV, 2035uv, 2259imag IRAS source, 1806 1902avg Bmag	
0422-380 R	PKS	4 22 56.16 -38 3 8.1	4 24 42.25 -37 56 19.7	18.08	.07	-.69	0.782	Mg II 2798 Ne V 3426 O II 3727					103	410		387 1966	761,1304sp, 865pos,886, 1617ir, 1320rpol, 1485ubv	
0424-131 R X	PKS NRAO 178 OF 141.3	4 24 47.85 -13 9 33.4	4 27 7.34 -13 2 53.6	17.5			2.165*	H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909 1.0348 0.6999 0.6602 0.0000	2.1731 2.1633 2.1332 2.0346 1.7886 1.7161 1.5615 1.5527 1.5519	086	073 569 589 1872	128 1170 1818 1891 1966	582 589 1108 1394 1872 2228 2263		912,1980x, 1513elp,582, 2251sp,1983ir			
0426-380	PKS	4 26 54.74 -38 2 52.4	4 28 40.47 -37 56 19.9	19.0			1.030						2121	2121				
0428-136 O		4 28 0 -13 36 0	4 30 18.90 -13 29 33.1				3.244*					2.5496 2.3663 2.3639 1.5189		2059		2059 2125 2228 2263		
0428-365	A29.06	4 28 26.6 -36 32 59	4 30 14.74 -36 26 32.7	18.0			2.09						2277	2277				
0431-512 R	PKS	4 31 4.36 -51 15 40.9	4 32 21.08 -51 9 24.2	17.3			0.557	Mg II 2798 O III 3133 Ne V 3426 H I 4861 O III 4959 O III 5007					420 1898	418 1305	1966		1526vlbi, 494fc	
0433-188 R	PKS	4 33 56.9 -18 51 0	4 36 9.45 -18 44 56.9	19.0			2.705	O VI 1034 H I 1216 N V 1240 Si II 1263 Si IV 1397 O IV 1402 C IV 1549					011	1304 1305	1518 1966		761sp,1305ir, 1526vlbi	
0435-300 R	PKS	4 35 38.97 -30 0 2.6	4 37 36.74 -29 54 6.0	17.5			1.328	C IV 1549 C III 1909 Mg II 2798					412	501	011 1966		761,1304sp, 1526vlbi	
0436-129 R	PKS	4 36 15.5 -12 56 50	4 38 34.93 -12 50 56.6	19.8			1.277	C IV 1549 C III 1909					011	1304	1518 1966 1976		761sp	
0438-166 X	1E	4 38 11 -16 38 12	4 40 26.07 -16 32 26.4	17.65*	.66	-1.19	1.96						698	698	1486		1486ubv,696, 698x	
0438-165 X R	1E	4 38 26 -16 35 36	4 40 41.11 -16 29 51.4	19.8	.20		0.50						698	698	991		698ubv,696, 698x	

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES		Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0438-108		1E	4 38 39.1	4 41 0.90	20.2				0.868	Mg II 2798					1416 1416			991		1048x	
X			-10 49 48.2	-10 44 4.7						O II 3727											
0438-436		PKS	4 38 43.19	4 40 17.20	18.8				2.852+	H I 1216					502 502			1966	502	1282,1526vlbi,	
R			-43 38 54.0	-43 33 9.1						Si IV 1397										1617ir,912,	
X										O IV 1402										1686,1980x,	
										C IV 1549										1800,2103pol,	
																				847,865pos	
0439-433		PKS	4 39 43.7	4 41 18.30	16.36	.28	-.65	0.593	Mg II 2798						103 1304			103		761sp,1485ubv,	
R			-43 19 10	-43 13 29.3					H I 4102											1617ir,	
									H I 4340											1966rnd	
0440-160			4 40 0	4 42 15.77					2.679*	Si IV 1397	2.2290			1872						1872	
O			-16 0 0	-15 54 21.9						O IV 1402	2.2142									1873	
										C IV 1549	1.0067									2228	
																				2263	
0440-109		1E	4 40 1.1	4 42 22.72	18.8				0.279	H I 4102					1416 1416					1048x,1910sp	
X			-10 57 30.6	-10 51 52.7						H I 4340											
										H I 4861											
										O III 5007											
0440-003		PKS	4 40 5.31	4 42 38.68	17.0 *	.37	-1.05	0.844	C III 1909						077 443 755 789					056ubv,1201,	
R		NRAO 190	-0 23 20.6	-0 17 43.5					Mg II 2798						143 756 803					2103pol,847,	
X		OF 067													436 1068 1145					1810pos,873,	
DA 145															1802 1888					1980x,831sp,	
															2054					936rvar,	
																				1526vlbi	
0440-285		PKS	4 40 38.04	4 42 37.66	19.2				1.952*	H I 1216	1.9541			296 1861			1861	1861		1966rnd	
R			-28 31 6.3	-28 25 30.2						C IV 1549								2263			
										C III 1909											
										Mg II 2798											
0441-368		A29.20	4 41 28.0	4 43 14.58	17.2				0.68						2277 2277						
			-36 51 45	-36 46 11.8																	
0442-301		F27.26	4 42 18.0	4 44 15.14	18.1				2.40						2277 2277						
			-30 9 58	-30 4 28.7																	
0443-358		A29.22	4 43 46.5	4 45 34.60	18.3				2.61						2277 2277						
			-35 52 7	-35 46 43.4																	
0443-408		B27.07	4 43 53.6	4 45 32.66	18.9				3.27						2277 2277						
			-40 53 59	-40 48 35.6																	
0443-320		F27.21	4 43 57.9	4 45 52.09	17.8				3.00						2277 2277						
			-32 3 51	-31 58 28.4																	
0445-418		B27.06	4 45 21.8	4 46 58.87	17.8				2.70						2277 2277						
			-41 51 4	-41 45 46.6																	
0445+097		PKS	4 45 37.07	4 48 21.78	19.55				2.115*	H I 1216	2.1141			124 436			789 2049			1526vlbi,	
R		4C 09.17	9 45 36.2	9 50 50.0						C IV 1549	2.1070			2049			1818 2263			1818pos,	
										He II 1640	1.4666			2281			1891			2266imag	
										C III 1909	0.8392									2236sp of fuzz	
0445-457		C30.10	4 45 51.0	4 47 19.84	17.2				0.91						2277 2277						
			-45 42 37	-45 37 21.3																	
0445-307		F27.24	4 45 51.7	4 47 47.73	18.0				2.42						2277 2277						
			-30 47 2	-30 41 47.4																	
0446-208		MC 1	4 46 49.22	4 48 58.85	17				1.896*	H I 1216	1.8674			849 849 2174 1966						0.2 arcmin	
R			-20 49 55.8	-20 44 45.6						N V 1240	0.0668						1976 849			from anon	
										Si IV 1397										gal, 0.067zgal	
										O IV 1402										1394	
										N IV 1488										2228	
										C IV 1549										1650,2118,2248	
										C III 1909										2263	
0447-092		1E	4 47 9.5	4 49 32.90	18.5				0.946	Mg II 2798					1416 1416					1048x	
X			-9 17 17.9	-9 12 9.7																	
0447-395			4 47 27.1	4 49 8.40	18.1				1.98	C IV 1549					478 478					846rnd	
O			-39 34 11	-39 29 2.4						C III 1909											

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0448-392		PKS R	4 48 0.48 -39 16 16.2	4 49 42.29 -39 11 10.0	16.46*	.24	-.89	1.288				C IV 1549 N III 1750 C III 1909 Mg II 2798		103 410 1898 478	103 846 904				594,761, 1304sp, 1320rpol, 1485ubv,478fc, 1352spvar, 1526vlbi	
0448-187		PKS R	4 48 24.4 -18 42 1	4 50 36.65 -18 36 57.5	21.2			(2.05)				C IV 1549		762 1304		1518 2162			761sp	
0449-135		O	4 49 0 -13 30 0	4 51 18.50 -13 24 59.3				3.097*				H I 1216 N V 1240 Si IV 1397 O IV 1402 2.3132 1.4204 1.2667	3.0547 3.0536 2.9536 2.8165	1872 1874			1872 1874 2228 2263	Ly limit abs, z=2.963,1874		
0449-183		1E X R	4 49 26.3 -18 23 55.0	4 51 38.89 -18 18 55.9	18.5	.10	-.20	0.338				Ne V 3426 O II 3727 NeIII 3869 NeIII 3968 H I 4340 O III 4363 He II 4686 H I 4861 O III 4959 O III 5007		976 976 1416		991 1490		976ubv,976ext, 1048x,1910sp, 1911imag		
0450-132		O	4 50 0 -13 12 0	4 52 18.83 -13 7 3.4				2.253*				Si IV 1397 O IV 1402 C IV 1549 1.1745 0.4940	2.2315 2.1063 2.0699	1872			1872 1873 2228 2263	2251sp		
0450-299		IR R	4 50 33.0 -29 58 31	4 52 29.98 -29 53 35.9	16.0			0.286						1860 1860		2300		1909imag, 1860Bmag IRAS source 1860;		
0450-221		PKS R MC	4 50 36.91 -22 6 14.1	4 52 44.78 -22 1 19.7	18.5			0.898				Mg II 2798 NeIII 3869		466 466		1518 1966				
0451-336		A30.15	4 51 11.2 -33 38 43	4 53 2.49 -33 33 50.4	17.33			1.8						2277 2277						
0451-282		PKS R	4 51 15.1 -28 12 30	4 53 14.63 -28 7 38.0	18.5			2.559*				O VI 1034 H I 1216 N V 1240 Si II 1263 O I 1304 C II 1335 Si IV 1397 O IV 1402 C IV 1549	2.50	191 1304 1305 1418		1518 1418 1966 2263	761sp, 1320rpol, 1526vlbi, 2103pol			
0451-418		O	4 51 36.8 -41 52 24	4 53 13.32 -41 47 32.6	18.2			2.13				H I 1216 N V 1240 C IV 1549		478 478					846rnd	
0452-398		O	4 52 24.2 -39 49 41	4 54 4.65 -39 44 53.1	19.2			2.05				H I 1216 N V 1240 C IV 1549		478 478					846rnd	
0452-515		PKS R	4 52 24.4 -51 35 3	4 53 37.59 -51 30 14.1				1.157				Mg II 2798		2151 2151		011				
0453-423		O	4 53 48 -42 21 0	4 55 23.39 -42 16 17.8	17.06	.71	-.22	2.661*				H I 1216 N V 1240 C IV 1549 0.9087 0.7261	2.3967 2.2765 1.1496	330 331 414 478 535 559			414 535 559 562 954 1394 1747 2020 2228 2244 2263	846rnd, 1485ubv,954sp, 1779,2095imag Ly alpha abs, 562; nearby gal 0.726zgal, 2262		

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0454-220	PKS R	4 54 2.2 -22 3 56	4 56 10.00 -21 59 15.9	15.51*	.06	-.62	0.534*	Mg II 2798 Mg V 2931	0.4833 0.4745 0.0001	087 501 1731	501 1518 1902 1966 1976	761 1304,1420sp, 781ir,1355, 1693,1941uv, 1420FeIIem 1902avg Bmag							
0454+039	PKS R OF 092 GC	4 54 8.91 3 56 14.6	4 56 47.12 4 0 53.1	16.53	.23	-.81	1.350*	C IV 1549 N III 1750 C III 1909 Mg II 2798	1.1538 0.8596 -.0002	026 094 1898 410 436 2281	775 439 789 560 761 1969 2075 2228 2263	704,1202pol, 761,1032,1181, 1304,2251sp, 1108absr, 1485ubv, 1352spvar, 1526vlbi, 2061uv, 2095imag, 2174varnd faint gals nearby,2118							
0454-810	PKS R	4 54 17.50 -81 5 55.0	4 50 5.02 -81 1 2.6	19.6			0.444	Mg II 2798 H I 4861 O III 5007 H I 6563		1898 1984									
0454-463	PKS R	4 54 24.09 -46 20 39.0	4 55 50.69 -46 15 59.0	17.4			0.858	C II 2326 Mg II 2798 Ne V 3426		422 1418 1966 1898	023 422	1418FeIIem, 1483rvar, 1526vlbi, 2103pol							
0454-344	A30.19	4 54 53.3 -34 25 52	4 56 43.10 -34 21 14.9	18.1			2.43			2277 2277									
0454-234	PKS R OF 292	4 54 57.32 -23 29 28.9	4 57 3.21 -23 24 52.6	16.6 *			1.003*	C III 1909 Mg II 2798	0.891 0.752 0.630 0.606	296 1984 1800 494 1305	781 1984 2263	1800hpg, 2103pol							
0454+844	S5 BL Lac R X	4 54 57.40 84 27 52.5	5 8 42.51 84 32 4.0	16.5						933 1811	933 1216 1441 1543 1555 1793	933,2112x,933, 2046pol,865fc, 996,1280,1526, 1862vlbi, 1667rvar, 1855mm, 2041rpol IRAS source, 1806							
0455-395	PKS R	4 55 48.00 -39 32 11.9	4 57 28.77 -39 27 38.3	18.4			0.570	O III 4959 O III 5007		1861 1861	1861								
0456+025	KP 1 O	4 56 22.3 2 31 15	4 58 58.92 2 35 44.2	17.5			1.43	C IV 1549 C III 1909		457 867		853rnd							
0456-395	O	4 56 39.5 -39 30 1	4 58 20.28 -39 25 31.0	18			1.85	C IV 1549 C III 1909		478 478		846rnd							
0457+024	OF 097 R PKS GC	4 57 15.55 2 25 6.1	4 59 52.06 2 29 31.5	19.40			2.384*	O VI 1034 H I 1216 N V 1240 O I 1304 Si IV 1397 C IV 1549 C III 1909	1.8326 0.4717	026 342 2174 436 443 598 748	789 589 803 2228 2263	831,1181sp, 1108absr, 1526vlbi, 1810pos							
0457-059	1E X	4 57 57.9 -5 55 57.7	5 0 24.99 -5 51 34.9	17.94			0.303	H I 4102 H I 4340 H I 4861		1233 1233									
0458-020	PKS R DA 157 X 4C 02.19 OF 098 OA 141 GC	4 58 41.28 -2 3 34.5	5 1 12.75 -1 59 14.9	18.4 *			2.286*	H I 1216 Si IV 1397 C IV 1549	2.089 2.0398	045 044 756 578 1181	789 1375 803 1551 1981 2113 2162 2168 2263	1201,1800, 2103pol, 936rvar,1241x, 1181sp,1789mm, 1810pos,057fc, 1375absr, 1526vlbi IRAS source, 1806							



TABLE 1—Continued

		OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
			DEC (1950)			DEC (2000)									ID	Z	VAR	R	
0459-373	A30.25		4 59 25.9 -37 18 31	5 1 10.52 -37 14 12.8	18.5						1.93			2277	2277				
0500-335	A30.13		5 0 3.8 -33 33 36	5 1 54.75 -33 29 20.7	17.0						2.0			2277	2277				
0501-340	A30.20		5 1 54.9 -34 4 11	5 3 44.92 -34 0 3.5	18.0						2.8			2277	2277				
0503-043 BL Lac R	A		5 3 22.5 -4 23 16	5 5 51.31 -4 19 16.1	18.5									1418		2139		1418fc, 2112x, 2259imag	
0504+030 R	PKS 4C 03.10 OG 008 GC		5 4 59.26 3 3 59.0	5 7 36.53 3 7 51.7	18.57						2.463	H I 1216 C IV 1549 C III 1909		026 1181 432 436		789 1877		1526vlbi, 087fc	
0506-612 R	PKS		5 6 8.55 -61 13 33.1	5 6 44.10 -61 9 40.9	16.85	.51	-.52	1.093	C III 1909 Mg II 2798 Ne V 2974					188 410		1966		736ubv, 761, 1304sp, 1483rvar, 1617ir, 1526vlbi, 2103pol 29 arcmin from NGC 1796, 1650, 2118	
0511-220 R	PKS OG 220		5 11 49.94 -22 2 44.8	5 13 57.24 -21 59 20.2	19.5				1.296+	C IV 1549 C III 1909				412 1984 761			1984		
0514-005 X	1E		5 14 0.3 -0 30 30	5 16 33.50 -0 27 15.7	16.18	.08	-.77	0.292	Mg II 2798 Ne III 3968 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007				1269 1269 1968				1269ubv, 1269x, 1910sp, 2145imag		
0514-161 R	PKS OG 123		5 14 1.09 -16 6 22.2	5 16 15.95 -16 3 7.3	16.95*	.51	-.99	1.278	C IV 1549 C III 1909 Mg II 2798 Mg V 2931 Ne V 2974					011 009 1485 1167 410		1966 1976		761, 1304, 2251sp, 1320rpol, 1485ubv, 1526vlbi	
0515-379	A31.05		5 15 59.5 -37 57 33	5 17 42.10 -37 54 25.3	18.3				3.02					2277	2277				
0518-350	A31.07		5 18 11.5 -35 0 43	5 19 59.23 -34 57 45.0	18.2				2.23										
0518+165 R X	3CR 138 4C 16.12 PKS OG 130.2 DA 170 NRAO 205		5 18 16.51 16 35 26.2	5 21 9.88 16 38 21.4	18.84*	.53	-.16	0.759	C III 1909 Mg II 2798 O II 3727					008 102 754 128 101		462 882 1150 1340 1393 1557 1792 1888 1891 2000 2013 2015		008ubv, 1201, 2103pol, 696, 912, 1107x, 1336rvar, 245fc, 1526vlbi, 1789mm	
0521-365 BL Lac R X	PKS MSH 05-36		5 21 12.93 -36 30 16.0	5 22 57.95 -36 27 30.9	14.5 *	.76	-.28							191		745 1200 1367 1961 1966		654, 683ubv, 703, 1087, 1626, 2138pol, 638, 1572ext, 1089, 1185, 1348uv, 781, 886ir, 410, 638, 683, 729, 761, 969sp, 668, 2071, 2107, 2112x, 1164mf, 683fc, 1670, 1954imag 0.061zgal, 191; IRAS source, 1806	

TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0522-611	PKS	5 22 0.49	5 22 34.56	18.05	-.05	-.74	1.40			C IV 1549		420	501		1966	761,1304sp,	
R		-61 10 41.2	-61 7 56.9							C III 1909		1898				494fc, 1526vlbi, 1485ubv	
0524-702		5 24 31.94	5 24 2.26	20			0.15					2045	2045				
X		-70 13 45.1	-70 11 9.4														
0528-250	PKS	5 28 5.16	5 30 7.93	17.24*	.83	.31	2.779*			Si IV 1397 2.8145	412	555	399	011	399	1201pol,	
R		-25 5 44.8	-25 3 30.1							O IV 1402 2.8121			2054	1966	410	1320rpol,781,	
X										C IV 1549 2.8118					555	10921r,761,	
										C III 1909 2.8052					764	1139,1835sp,	
										2.6736					911	912,1088x,	
										2.5385					935	1485ubv,	
										2.5376					1139	1526vlbi,	
										2.3733					1378	1810pos	
										2.2080					1716	Ly alpha abs,	
										2.2066					1824	764;Ly limit	
										2.2057					1872	abs,z=2.839,	
										2.1408					1873	1874; prob	
										2.0331					1874	damped Ly	
										2.0148					2032	alpha,z=2.14,	
										0.9442					2228	1874;damped Ly	
															2263	alpha,z=2.8121	
																1139,2243;	
0530-379		5 30 48.6	5 32 30.72	16.7			0.29					478	478			1222elp,	
O		-37 55 26	-37 53 22.3													846rnd,1617ir, 1630,2145imag	
0532-424	B30.05	5 32 58.9	5 34 32.01	18.0			2.81					2277	2277				
		-42 25 55	-42 24 0.4														
0534-201	MC 1	5 34 12.86	5 36 22.29	19.4			0.995			C III 1909		673	673		1888	1704fc,	
R		-20 7 18.9	-20 5 31.0							Mg II 2798						1966rnd	
0537-158	PKS	5 37 17.18	5 39 32.04	17.5			0.947			LYB 1026		011	501		011	761sp,	
R		-15 52 4.1	-15 50 29.8							O VI 1034		1898			1966	1526vlbi	
										H I 1216							
										N V 1240							
										C IV 1549							
										C III 4155							
0537-441	PKS	5 37 21.09	5 38 50.39	15.5 *	.46	-.57	0.894			C III 1909		103	024	024 1452		103,453,736,	
R		-44 6 45.4	-44 5 9.7							Mg II 2798				453 1966		1485,1958ubv,	
X														561		1348,1941uv,	
														745		1164,1368,	
														2054		1676mf,761,	
																954,1304sp,	
																668,912,1088,	
																1183,1980x,	
																810,886,1196,	
																1617ir,865pos,	
																1526vlbi,1626,	
																1800,2103,	
																2138pol,	
																1748fc,	
																1806irvar,	
																1961rvar	
																IRAS source,	
																1644,1748;	
																11 arcsec from	
																anon gal,0.186	
																zgal,2118;	
																grav lens,1951	
0537-286	PKS	5 37 56.94	5 39 54.30	20			3.11 *			LYB 1026 3.098		011	596		1340 596	761,911sp,696,	
R	OG 263	-28 41 28.3	-28 39 56.2							O VI 1034 2.976			472		1966	911 912x,1526vlbi	
X	B1									H I 1216			501			Ly limit abs,	
										N V 1240						2228	
										Si IV 1397						2263	
										O IV 1402						z=2.976,596	
										C IV 1549							

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
0538+498	3CR 147 R 4C 49.14 X NRAO 221 OG 465 DA 186 CTA 39	5 38 43.55 49 49 42.8	5 42 36.17 49 51 7.2	17.8 *	.65	-.37	0.545	O III 3133 Ne V 3426 O II 3727 NeIII 3869 NeIII 3968		104	065	006 290	128 462 830 833 837 843 882 1167 1340 1393 1891 2000 2013	063ubv,1201, 2103pol, 750pos,912, 1107x,923, 1129,1336rvar, 1060,1280, 1526vlbi,161, 245,295fc, 1789mm, 2104rmap		
0540-389	O	5 40 12.1 -38 57 43	5 41 52.02 -38 56 20.1	17.2			0.83	Mg II 2798		478	478			846rnd		
0545-417	O	5 45 20.5 -41 42 56	5 46 54.81 -41 41 55.3	18.7			2.12	H I 1216 N V 1240 C IV 1549		478	478			846rnd		
0546-357	A32.02	5 46 16.5 -35 43 8	5 48 2.29 -35 42 11.8	17.7			2.45			2277	2277					
0548-322	PKS BL Lac R X	5 48 50.3 -32 16 56	5 50 41.89 -32 16 11.2	15.5 *	.57	-.30				384		745 1367 1961 1966	653ubv,703, 1481,1626pol, 1039,1348uv, 668,701,778, 824,1052,1088, 1306,1542, 1836,1936, 2071,2107, 2112x,1164mf, 823phot,781, 886ir,928, 1703xvar 0.069zgal, 656; IRAS source,1806;			
0549-213	MC R	5 49 50.56 -21 20 29.6	5 51 58.23 -21 19 49.8	20			2.245	H I 1216 C II 1335 O IV 1402 N IV 1488 C IV 1549 He II 1640 N III 1750 C III 1909 C II 2326		466	466		1818 1891 1966 2162	2266imag		
0550-384	B31.05	5 50 33.4 -38 28 57	5 52 14.08 -38 28 19.3	18.0			2.13			2277	2277					
0551-366	O	5 51 2 -36 37 56	5 52 46.11 -36 37 20.5	17.57	.15	.04	2.318*	H I 1216 O I 1304 Si IV 1397 O IV 1402 C IV 1549	1.9615 1.8971 1.7476 1.3007	409	1000 409 2281		1000 1394 1747 2228 2263	1617ir, 1485ubv		
0552+398	DA 193 R OA 198 B2	5 52 1.43 39 48 21.8	5 55 30.83 39 48 49.0	18			2.365	H I 1216		009	009 1550		908 1148 1544 2070 2139	865pos, 936rvar,1061, 1372,1526, 1955vlbi, 1388rpol, 1789mm, 1805mmvar, 426fc		
0553-205	MC R	5 53 9.95 -20 30 17.3	5 55 18.72 -20 29 52.1	19.9			1.544	Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909		673	673		1818 1891 1976	1704fc, 1818pos, 1966rnd		
0556-363	A33.03	5 56 28.8 -36 19 50	5 58 13.42 -36 19 38.4	18.1			2.22			2277	2277					
0557-168	PKS R MC	5 57 27.19 -16 52 18.4	5 59 40.68 -16 52 12.1	18.27	.54	-1.14	1.24	C III 1909 Mg II 2798		466	466		1966 1976	1485ubv,129fc		

TABLE 1—Continued

OTHER NAMES		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)		DEC (2000)							ID	Z	VAR	R	ABS		
0557-672 O		5 57 27.2 -67 13 49		5 57 21.78 -67 13 37.6		17.5			0.142	O II 3727 NeIII 3869 He 3970 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		1629	1629				
0558-504 R 1H X	PKS	5 58 34.6 -50 26 55		5 59 47.44 -50 26 51.4		14.97	.21	-.89	0.137	O II 3727 H I 4102 H I 4340 He I 5876		1519	1571			1571, 1842FeIIem, 1571ubv,1571x HEAO-1 source, 2176	
0602-319 R	PKS	6 2 22.5 -31 55 48		6 4 14.61 -31 56 2.4		18.3			0.452	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 NeIII 3968 He 3970 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		188	410 419		384 2056	761,1304sp, 1222elp, 1320rpol, 1526vlbi	
0602-398	B31.18	6 2 47.3 -39 50 58		6 4 25.29 -39 51 13.7		18.2			2.2			2277	2277				
0605-085 R X	OH 010	6 5 36.0 -8 34 19		6 7 59.68 -8 34 48.7		18.5 *			0.87	C III 1909 Mg II 2798		078	1437	1800	1557 1792 1937	1466vlbi, 1241x,1800, 2103pol, 1789mm	
0606-223 R	PKS	6 6 53.42 -22 19 47.2		6 8 59.74 -22 20 21.9		20			1.926	H I 1216 N V 1240 C IV 1549 C III 1909		412 1876	501		011 2056	761,1304, 1876sp, 1526vlbi, 1810pos, 2103pol	
0607-157 R MC X	PKS	6 7 26.10 -15 42 4.2		6 9 41.07 -15 42 41.6		17 *			0.324	H I 4861 O III 4959 O III 5007 H I 6563		466	466	2054	1074 1557 1792 2056	847,865pos, 936,1483rvar, 899rpol,1207, 1261,1884imag, 1241x,1617ir, 1466,1526vlbi, 129fc,2103pol	
0608-352	A34.09	6 8 1.2 -35 14 55		6 9 47.76 -35 15 33.9		17.2			0.81			2277	2277				
0610+260 R	3CR 154 4C 26.20 NRAO 230 CTA 40 DA 201 OH 218 CTD 42	6 10 43.75 26 5 30.7		6 13 50.15 26 4 37.0		18 *			0.580	NeIII 3869 H I 4340 H I 4861 O III 4959 O III 5007		236	105		236 1591 1804 1998	793,1159,1349, 1526vlbi, 1617ir,105fc	
0615+820 R	S5	6 15 32.74 82 3 56.4		6 26 2.94 82 2 25.5		17.5			0.71			937	1667		937 1793	1855mm	
0621-786 R	PKS	6 21 29.7 -78 41 33		6 18 30.16 -78 43 0.3		16.96	.41	-.68	0.942	Mg II 2798		495	493		2056	761,1304sp, 1485ubv	
0622-441 R	PKS	6 22 2.7 -44 11 24.2		6 23 31.79 -44 13 3.6		16.93*	.22	-.73	0.688	C II 2326 Mg II 2798 Ar IV 2854 O III 3133 Ne V 3345 H I 4861		025 1898	410	736	387 2056	736ubv,761, 1304sp,780, 886ir, 1526vlbi	

TABLE 1—Continued

		OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES	
			DEC (1950)		DEC (2000)								ID	Z	VAR	R		ABS
0624+691	HS		6 24 35.2	6 30 2.69	14.2					0.370	Mg II 2798		2022	2022				
	O		69 7 33	69 5 33.8							O II 3727 NeIII 3869 NeIII 3968 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007							
0629-418	PKS		6 29 37.86	6 31 12.21	19.3					1.416	C IV 1549		1898	1251		1251		1526vlbi
	R		-41 52 14.3	-41 54 26.9							C III 1909					2056		
0630+180			6 30 43.58	6 33 38.83	19.1					1.187	C III 1909		1067	1067		1067		1191sp
	R		18 1 52.8	17 59 32.6							Mg II 2798					1976		
0636+680	S4		6 36 47.4	6 42 4.01	16.46					3.178*	H I 1216	3.0589	510	1443		1521	1443	1526vlbi
	R GC		68 1 26.6	67 58 35.1							Si IV 1397	3.0174		1874			1874	Ly limit abs,
											O IV 1402	2.9040		2263			2263	z=2.909,1874,
											C IV 1549	2.8051		2281				2125
												2.4754						
												1.2941						
0637-752	PKS		6 37 23.35	6 35 46.53	15.75		.33	-.60	0.656*	Mg II 2798	0.152	031	1304		023	1420	736ubv,761,	
	R MC		-75 13 37.8	-75 16 17.1						Ne V 3426	0.0000	1898	418		386	2228	1304,1420,	
	X HEAO									NeIII 3869			466		2056	2263	2229sp,780ir,	
										NeIII 3968			1731				912,1210,	
																	1781x,1195,	
																	1753xvar,1210,	
																	1941uv,	
																	1420FeIIem,	
																	1526vlbi,	
																	1897pos,	
																	2103pol	
0640+448			6 40 18.2	6 43 57.31	18.2					1.805	H I 1216		1438	1692				
	O		44 53 39	44 50 35.9							C IV 1549 C III 1909							
0640+449			6 40 43.1	6 44 22.22	18.3					2.123	H I 1216		1438	1692		1438		
	O		44 54 24	44 51 19.1							C IV 1549 C III 1909							
0642-506	ALW 11		6 42 13.40	6 43 27.05	18.5					3.09	H I 1216		1444	1444				
	O		-50 38 7	-50 41 13.2							N V 1240 Si IV 1397 O IV 1402 C IV 1549							
0642-349	PKS		6 42 36.8	6 44 24.66	18.5					2.165*	H I 1216	2.159	188	410		384	954	761,954,
	R		-34 56 36	-34 59 45.1							N V 1240	2.143				2056	2228	1304sp,
											C IV 1549						2263	1320rpol,
											He II 1640 C III 1909							1526vlbi
0642+449	OH 471		6 42 53.02	6 46 32.02	18.42*	1.08	1.70			3.408*	O VI 1034	3.343	109	1874	875	775	107	106,481ubv,
	R		44 54 31.1	44 51 16.9							H I 1216	3.2483	1438	044	1068	852	108	704,1201pol,
	X										N V 1240	3.191		108	1902	1340	911	750pos,912,
											Si IV 1397	3.1238		430		1521	1874	1980x,936rvar,
											O IV 1402	2.9724		2281		1771	2039	582,597,911,
											N IV 1488	2.911				1807	2228	986sp,1092,
											C IV 1549	2.491				1930	2263	1617ir,
												2.4459					2085	1526vlbi,
												2.0144					2162	165fc,1789mm
												1.2464						Ly limit abs,
												0.805						z=3.295 and
																		z=3.121,1874;
																		1902avg Bmag
0645+349	UT		6 45 39.7	6 48 59.05	18					1.36	C III 1909		1437	1437				
	R		34 55 46	34 52 20.6							Mg II 2798							
0646-176	MC		6 46 15.46	6 48 28.33	19.1					1.232	C III 1909		1445	1445				1445FeIIem
	R		-17 40 40.0	-17 44 5.6							Mg II 2798							

TABLE 1—Continued

	OTHER NAMES	RA (1950)	RA (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R	
0650+371	B2	6 50 35.2	6 53 58.20	18			1.982	H I 1216		510 1443		1521	1526vlbi	
	R	37 9 27	37 5 40.4					Si IV 1397		1437 1437		1976		
	S4							O IV 1402						
	GC							C IV 1549						
								C III 1909						
0657+176		6 57 37.14	7 0 31.42	18.5			(0.722)	Mg II 2798		476 476				
	R	17 40 8.3	17 35 52.9											
0701+392	B3	7 1 5.1	7 4 31.34	18.7			1.283	C III 1909		1990 2270				
	R	39 15 54	39 11 22.9					Mg II 2798						
								O III 3133						
0704+384	4C 38.20	7 4 8.39	7 7 32.92	17.5			0.579	Mg II 2798		033 032		462	1201pol,831,	
	R	38 26 57.3	38 22 13.4					Ne V 3426				774	1188sp,	
	OI 306.8							NeIII 3869				775	1320rpol,1617,	
	B2											1888	2021ir,	
												1891	1813ir/r,	
												2021	2099mm	
0705+350	UT	7 5 5.96	7 8 24.45	18.4			1.266	C III 1909		1437 1447				
	R	35 0 29.6	34 55 41.9					Mg II 2798		1446 1437				
0710+118	3CR 175	7 10 15.38	7 13 2.42	16.6 *	.46	-.51	0.768	C III 1909		064 002 1142	128		005ubv,704,	
	R	11 51 23.9	11 46 15.8					Mg II 2798			462		1202pol,696,	
	X							Ne V 3426			775		912,1107x,	
	PKS										787		749pos,	
	OI 117										1804		1320rpol,	
	NRAO 258										1891		295fc,1617ir	
	DA 231										1998			
											2013			
0711+356	OI 318	7 11 5.62	7 14 24.83	18.06*			1.626	N V 1240		096 084 150 775			1280,1526,	
	R	35 39 53.3	35 34 40.6					Si IV 1397		2281 875 1521			1862vlbi,	
								O IV 1402			1068 1976		1478fc,	
								Si II 1531		1902 2060			1513elp,1617,	
								C IV 1549			2085		2021ir,	
								He II 1640			2144		2103pol,	
								Si II 1817					2144rvar	
								C III 1909					1902avg ph mag	
0713+745	MKN 380	7 13 28.1	7 19 49.53	17			0.475	H I 4102		503 2181				
	C	74 33 33	74 28 4.1					H I 4340						
								H I 4861						
								O III 4959						
								O III 5007						
								He I 5876						
								H I 6563						
0714+457	S4	7 14 13.8	7 17 52.21				0.940	C III 1909		1443		1521	1526vlbi	
	R	45 43 27	45 38 0.6					Mg II 2798						
0716+714	S5	7 16 12.98	7 21 53.39	15.5 *						933 933 933			933,2112x,933,	
	BL Lac R	71 26 15.0	71 20 36.2							1811 2054 996			2046pol,1348,	
	X									2133 1212			1679uv,1667,	
											1441		1766,1945,	
											1543		2133rvar,1789,	
											1555		1855mm	
											1557		IRAS source,	
											1793		1806;	
0721+690		7 21 15.0	7 26 31.31	16.8	-.10		0.111			1314 1314			1207,1261imag	
	X	69 3 44	68 57 45.4										20 arcmin from	
													NGC 2366,1314,	
													2118	
0723+679	4C 67.14	7 23 4.29	7 28 10.89	18.0			0.846	C III 1909		110 009		534	1201pol,951,	
	R	67 54 53.4	67 48 47.7					Mg II 2798		509		979	1280,1526,	
	NRAO 263											1128	1672vlbi,	
	DA 233											1145	1003sp,426fc	
	3C 179											1152	superluminous	
												1166	source,1827,	
												1167	1845;	
												1605		
												1708		

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0725+147	3CR 181	7 25 20.36	7 28 10.36	17.68*	.43	-1.02	1.387*	C IV 1549	1.3878	008	098	006	128	1749	008ubv,111fc
R	4C 14.24	14 43 47.2	14 37 36.9					C III 1909			1749	080	462	2263	1902avg ph mag
	PKS											252	787		
	NRAO 266											290	1585		
	OI 142											875	1976		
	DA 235											1068	2013		
0726+431	4C 43.14	7 26 16.76	7 29 48.40	18.5			1.072	C IV 1549		009	009			1111	
R	VR43.07.02	43 7 35	43 1 19.5					C III 1909							
	OI 444							Mg II 2798							
0729+818	NRAO 271	7 29 23.49	7 39 3.26	17.5			1.022	C III 1909		073	073				2251sp
R		81 52 41.7	81 46 1.3					C II 2326		1111					
0729+391	B3	7 29 57.02	7 33 20.84	18.4			0.663	Mg II 2798		1990	2078				
R		39 11 34.9	39 5 4.9					H I 4861							
								O III 5007							
0730+257	4C 25.21	7 30 5.48	7 33 8.79	20			2.690*	O VI 1034	2.0023	033	032		462	986	831,986sp,
R	OI 250	25 42 54.8	25 36 24.9					H I 1216			2049		774	2049	1320rpol,
	B2							O I 1304			2281		800	2263	203fc,
								Si IV 1397					1111		2266imag
								O IV 1402					1778		
								C IV 1549					1818		
								C III 1909					1891		
													2162		
0730+659	W1	7 30 17.96	7 35 9.21	19.3 *	.55	-.26	1.927	C IV 1549		530	689	689	1818		689ubv,
C		65 59 39.0	65 53 4.6					He II 1640			2049		1891		2049noabs
R											2281				
0731+479	S4	7 31 20.6	7 35 2.22	18			0.782	C III 1909		510	1443		1521		1526vlbi
R	GC	47 56 44	47 50 7.8					Mg II 2798					2060		
0731+653	W1	7 31 34.26	7 36 21.03	18.5	.60	1.19	3.038*	LYB 1026	2.9099	530	689		2162	1685	689ubv,1685sp,
C		65 19 49.8	65 13 10.5					O VI 1034	2.8861		1685		1874		2174varnd
								H I 1216	2.3620		1874		2039		Ly limit abs,
								N V 1240	2.2770		2281		2228		z=2.912,1685,
								Si II 1307	1.6604				2263	1874	
								Si IV 1397	0.9315						
								O IV 1402							
								C IV 1549							
								He II 1640							
								O III 1663							
								N III 1750							
								C III 1909							

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0735+178	PKS		7 35	14.11	7 38	7.38	15.10*	.47	-.58	*		0.4246	096	227	801	337	305,323,337,	
BL Lac R	VR17.07.02		17 49	9.3	17 42	19.1								337	837	489	648,648,	
	X	DA 237												721	852	553	1451ubv,642,	
		GC												723	859	641	856,1098,1541,	
		OI 158												754	907	966	1626,1730,	
														755	955	1754	1809,1988,	
														861	1084	2228	2046,2062,	
														970	1160	2263	2103,2167pol,	
														997	1162		856,1056,	
														1068	1212		1389phot,781,	
														1791	1367		1012,1141,	
														1802	1557		1144,1399,	
														1932	1775		1580,1589ir,	
														1933	1792		1164,1184,	
														2054	1807		1357,1649,	
														2073	1930		1971mf,936,	
														2174	1937		1008,1086,	
														2271	2085		1336rvar,966,	
																	1348uv,1028,	
																	1789mm,955,	
																	1057,1088,	
																	1307,1849,	
																	2107,2112x,	
																	1108absr,1388,	
																	1960rpol,	
																	749pos,307,	
																	723fc,1884,	
																	2259imag	
																	IRAS source,	
																	1806;	
																	superluminal	
																	source,448,	
																	1845; faint	
																	gals near,2118	
0736-019	PKS		7 36	2.35	7 38	33.95	17.6			1.033	Mg II 2798		026	432		1111	704pol,	
	R	3C 185	-1 57	27.9	-2 4	20.6					Ne V 3426					1976	1526vlbi	
		4C 01.18									NeIII 3869							
0736-063	PKS		7 36	30.2	7 38	57.13	18.5			1.901*	H I 1216	1.9310	086	571		023	327	954,1000sp,
	R	OI 061	-6 20	2.9	-6 26	57.3					N V 1240	1.9132			044	087	954	1526vlbi
											Si IV 1397				1901	1976	1000	
											C IV 1549				2281		1394	
											He II 1640						2228	
											C III 1909						2263	
0736+017	PKS		7 36	42.49	7 39	18.01	16.05*	.43	-.77	0.191	Mg II 2798		111	002	754	128	059ubv,004,	
	R	OI 061	1 44	0.1	1 37	4.6					H I 4340			334	813	803	900,1541,1730,	
		X									H I 4861				861	955	1988,2062,	
											O III 5007				875	1171	2103pol,1204,	
											H I 6563				1068	1212	1322rvar,	
															1902	1229	1388rpol,780,	
																1367	1144,1399,	
																1557	1580,1617,	
																1792	2021ir,334,	
																	958,1181,	
																	1632sp,1181,	
																	1679,1941uv,	
																	1028,1789mm,	
																	1357,1567,	
																	1649,1971mf,	
																	940ext,	
																	958FeIIem,873,	
																	955,1980x,749,	
																	1810,1898pos,	
																	1466,1526vlbi,	
																	112,746fc,	
																	1630,1884imag,	
																	1942uvvar	
																	IRAS source,	
																	1806; 1902avg	
																	ph mag; faint	
																	gals near,2118	



TABLE 1—Continued

		OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
			DEC (1950)		DEC (2000)									Z	VAR	R	ABS	
0738+313	OI 363		7 38 0.18	7 41 10.70	16.16*	.07	-.61	0.631*	C II 2326	0.2213	113	084 150 775 1869	704,1202,					
R	B2		31 19 1.8	31 12 0.0					Mg II 2798			009 756 1557 2263	2103pol,					
X	DW								O III 3133			443 875 1792	749pos,776,					
GC	GC								Ne V 3426			1068 1888	831,958,1032,					
									O II 3727			1902	1188sp,936,					
									H I 4102				1336rvar,958,					
									H I 4340				1325FeIIem,					
									O III 4363				1241,1350x,					
									H I 4861				1617ir,					
									O III 4959				1526vlbi,096,					
									O III 5007				110fc,1451ubv					
													1902avg ph mag					
0738-674	PKS		7 38 49.76	7 38 56.69	19.8			1.663			031 1866	1707	1707Jmag					
R			-67 28 51.2	-67 35 50.3							1707 2199	2056						
0739+398	B3		7 39 46.0	7 43 9.95	19.2			1.700	C IV 1549		1990 2270							
R			39 48 41	39 41 31.8					C III 1909									
0740+235	OI 267		7 40 44.97	7 43 44.96	19 *			0.77	C III 1909		009 009 009							
R			23 35 51	23 28 38.7					Mg II 2798									
0740+380	3CR 186		7 40 56.82	7 44 17.52	17.6	.45	-.71	1.063	C III 1909		008 102	128	008ubv,					
R	4C 38.21		38 0 31.0	37 53 17.2					Mg II 2798			462	1201pol,					
X	NRAO 273								Ne V 3426			774	749pos,912,					
	OI 368											787	1107,1980x,					
	LHE 208											1585	1526vlbi,					
												1804	245fc					
												1891						
												2000						
												2013						
0741+169			7 41 3.58	7 43 55.58	19.5			1.894	H I 1216		476 476							
R			16 55 24.4	16 48 11.1					Si IV 1397									
									O IV 1402									
									C IV 1549									
									C III 1909									
0742+318	4C 31.30		7 42 30.75	7 45 41.68	16	.15	-.58	0.462*	Mg II 2798	0.1917	113 009	800 560	704,877,					
R	OI 371		31 50 15.7	31 42 56.1					Ne V 3426	0.0000	443	1145 1869	1202pol,					
	B2								H I 4340		1731	1161 2263	1337ubv,1181,					
	GC								O III 4363			1167	1355,1693uv,					
									H I 4861			1171	749pos,799,					
									O III 4959				1617,2021ir,					
									O III 5007				776,831,1032,					
									H I 6563				1181,1467sp,					
													793,1159,					
													1526vlbi,1207,					
													1261,1688imag,					
													1325FeIIem					
													faint gals					
													near,2118					
0742+333	GC		7 42 47	7 46 0.13	17.7			(0.61)	Mg II 2798		216 152	388	1617ir					
R			33 20 55	33 13 34.3							476	467						
0743-006	PKS		7 43 20.8	7 45 53.84	17.1			0.994	C III 1909		1418 1861	1861	026,165fc,					
R	4C 00.28		-0 36 56.9	-0 44 18.6					Mg II 2798		1984	1877	1789mm,					
	OI 072								H I 4340				1810pos,					
													2103pol,2112x					
0743-673	PKS		7 43 22.9	7 43 32.35	16.37*	.24	-.73	1.511	C IV 1549		114 1898 745 023		736,1485ubv,					
R			-67 19 8.4	-67 26 25.6					C III 1909		1898 115 2054 2056		1617,1983ir,					
									Mg II 2798		1731		1526vlbi,					
									H I 6563		1983		1897pos,					
													2103pol					
													ref 1420 z is					
													incorrect,1898					
0745+557	1E		7 45 8.2	7 49 9.33	17.84	.57	-.86	0.174	O II 3727		1269 1269		1269phot,					
X			55 45 27	55 37 55.5					H I 4340				1910sp					
									H I 4861									
									O III 4959									
									O III 5007									
0745+241	B2		7 45 35.70	7 48 36.08	19			0.409	O II 3727		149 1984							
R	PKS		24 7 55.2	24 0 23.9					O III 4959		412							
	OI 275								O III 5007		761							

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES			Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0746+483	OI 478		7 46 40.0	7 50 20.49	18.5							1.951	H I 1216			510 1443		1521		1526vlbi,		
R	S4		48 22 30	48 14 53.2									C IV 1549					2060		1789mm		
													C III 1909									
0747+613	SBS 1		7 47 50.17	7 52 11.99	17.5							2.492*	O VI 1034	2.210	507 708		1818	708	1122,2237,			
C	OI 680		61 20 6.0	61 12 23.3									H I 1216	1.986	1285 1285		1891	2228	2251sp,			
R													N V 1240					2263	2010imag			
													O I 1304									
													C II 1335									
													Si IV 1397									
													O IV 1402									
													C IV 1549									
													O III 1663									
													C III 1909									
0748+126	PKS		7 48 5.1	7 50 52.09	17.8		.32	-.83	0.889				C III 1909			010 500		010		1337ubv,761,		
R			12 38 45.8	12 31 5.2									C II 2326			009		412		1304sp,1789mm,		
													Mg II 2798					1807		1526vlbi,1617,		
																				2021ir,		
																				2103pol		
0748+333	OI 380		7 48 41	7 51 53.62	18.04							1.932	H I 1216			216 443		216		1181sp,		
R	B2		33 21 4	33 13 20.3									C IV 1549				476	1297		1336rvar,		
	GC												C III 1909				748	2060		1526vlbi		
0749+379	UT		7 49 8.8	7 52 28.61	16.5							1.20	C IV 1549			1437 1437						
R			37 58 41	37 50 55.2									C III 1909									
													Mg II 2798									
0750+339	UT		7 50 14.3	7 53 27.71	18.5							2.07	C IV 1549			1437 1437						
R			33 58 43	33 50 53.2									C III 1909									
0751+563	PC		7 51 40.7	7 55 42.58	19.91							4.285+	H I 1216			2014 2014				2014rmag		
O			56 23 6	56 15 9.1									N V 1240							Ly alpha abs,		
													O I 1304							2014		
													Si II 1307									
													O IV 1402									
													C IV 1549									
0751+298	4C 29.27		7 51 50.96	7 54 58.32	18.5							2.108*	H I 1216	1.9185	113 009		1818	2049	1617ir,			
R	B2		29 49 50.7	29 41 54.9									Si IV 1397			2049	1891	2263	2266imag			
													O IV 1402			2281	2162					
													C IV 1549									
													He II 1640									
													O III 1663									
													C III 1909									
0752+258	OI 287		7 52 34.88	7 55 36.97	18.41*		.55	-.35	0.446				Mg II 2798			078 009	1902	1200		704,877,900,		
R	B2		25 50 37.5	25 42 39.1									O II 3727			828		1367		1202,1914,		
	VR25.07.04												O III 4959					1708		1915pol,		
													O III 5007					1887		1337ubv,		
																				1222elp,1261,		
																				1700,2259imag,		
																				1026ext,		
																				1617ir		
																				1902avg Bmag		
0754+100	OI 090.4		7 54 22.58	7 57 6.65	15.71*		.43	-.66								655	655	837		642,655,670,		
BL Lac	R PKS		10 4 39.8	9 56 35.0													858	1367		856,1087,1098,		
X																	970	1557		1541,1626,		
																	1902	1771		1730,1988,		
																	1932	1807		2062pol,		
																	2073			1388rpol,1164,		
																	2271			1254mf,1348uv,		
																				856,1389phot,		
																				781,1012,1141,		
																				1144ir,1057,		
																				1307,2107,		
																				2112x,		
																				1086rvar,655,		
																				761sp,749pos,		
																				1337,1485ubv,		
																				1526vlbi,		
																				1789mm,		
																				1806irvar,		
																				2259imag		
																				1902avg Bmag		

TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V) (U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0755+147	UT	7 55 32.6	7 58 21.63	18.5		2.39	H I 1216		1437 1437					
R		14 45 29	14 37 19.6				C IV 1549							
0757+604	SBS	7 57 6.0	8 1 21.48	19		1.776	Si IV 1397		2238 2237					
O		60 24 0	60 15 42.0				O IV 1402							
							C IV 1549							
							O III 1663							
							C III 1909							
0758+120	MC 5	7 58 14.49	8 1 0.50	20		2.670*	H I 1216	2.0262	116 116			1818 986	986sp,1092,	
R		12 1 43.3	11 53 23.8				Si IV 1397		458			1891 2049	1617ir,1356x,	
							O IV 1402		2049				2266imag	
							C IV 1549		2281				2236sp of fuzz	
							C III 1909							
0758+143	3CR 190	7 58 45.05	8 1 33.55	20.32	.52 -.35	1.195	C III 1909		424 137			882	1201pol,1172,	
R	PKS	14 23 4.3	14 14 42.7				C II 2326		684			1393	1617ir,1356x,	
X	4C 14.25						Mg II 2798					1804	1491ubv,064fc,	
	NRAO 278						O III 3133					1891	1526vlbi	
	OI 198						Ne V 3426					2000		
	DA 242						O II 3727					2013		
												2085		
0759+341	UT	7 59 33.4	8 2 46.14	18.5		2.44	H I 1216		1437 1437			2162		
R		34 7 46	33 59 20.7				C IV 1549							
0759+651		7 59 53.0	8 4 30.48	15.5		0.148	H I 4861		1860 1923					IRAS source
		65 8 22	64 59 52.8				He I 5876		1923 1860					1860;1923
							H I 6563							strong FeIIem;
														2196CO spec
0800+608	OJ 401	8 0 9.0	8 4 25.39	18.8		0.689	Mg II 2798		581 1003			2067	1653radio jet	
R		60 48 38	60 40 8.5											
0801+303	4C 30.13	8 1 34.90	8 4 42.16	18.5		1.446	C IV 1549		033 032			462	831sp,	
R	B2	30 21 10.9	30 12 38.1				C III 1909					774	1320rpol,	
	VR30.08.01											800	113fc	
	OJ 302													
0801+581	SBS	8 1 48.0	8 5 53.80	16.5		0.440	Mg II 2798		2238 2237					
O		58 11 0	58 2 24.6											
0802+103	3CR 191	8 2 3.76	8 4 47.96	18.19*	.25 -.84	1.956*	H I 1216	1.9499	008 119 506	128 117			008ubv,1107,	
R	4C 10.25	10 23 56.3	10 15 22.4				C IV 1549	1.9453	117 1902	462 118			1980x,1513elp,	
X	PKS						He II 1640	1.3547		118 789 119			1617ir,	
	OJ 103.3						C III 1909		2049	882 120			1818pos,050,	
	DA 243								2281	1585 1110			505fc	
	NRAO 279									1804 1749			1795rpol jet	
										1818 2049			2105rm jet	
										1891 2228			1902avg ph mag	
										2000 2263				
										2013				
0804+761	PG	8 4 35.4	8 10 58.46	15.15		0.100	O III 4959		1117 1117			2011	1487,1980,	
C		76 11 32	76 2 41.9				O III 5007						2112x,1598sp,	
X													1729,2005ir,	
R													2061uv	
													22.4 arcmin	
													from gal	
													A0805+76,1650;	
													0.100xgal near	
													1788; 24arcsec	
													from anon gal,	
													0.100xgal,1788	
													2118; faint	
													gals near,2118	
0804+499	OJ 508	8 4 58.3	8 8 39.57	17.5		1.43	C IV 1549		510 1443			988	1280,1526,	
R	S4	49 59 23	49 50 36.5				C III 1909		1997			1152	1862vlbi,	
	GC						Mg II 2798					1543	2103pol	
												2060		

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0805+046	4C 05.34	8 5 19.17	8 7 57.51	18.35*	.37	-.04	2.880*	O VI 1034 2.8786		124	122	254	128	123	121ubv,345,
R	OJ 008	4 41 20.5	4 32 34.6					H I 1216 2.4775				331	290	462	125 582,911,954,
X								N V 1240 2.4509				1865	506	775	126 986,1865sp,
								O I 1304 1.0142				1874	756	1170	911 1092ir,873x,
								C II 1335 0.9598				2049	875	1818	935 506fc,
								Si IV 1397 0.7029				2281	1068		1874 1526vlbi,
								O IV 1402					1902		2049 2266imag
								C IV 1549							2228 Ly alpha abs,
								He II 1640							2263 935; Ly limit
								O III 1663							abs,z=2.651,
								C III 1909							1874; 1902avg
															ph mag;
															2236sp of fuzz
0805+047	KP 2	8 5 29.0	8 8 7.41	18.5			2.055	H I 1216		457	867				873xnd,853rnd
O		4 45 31	4 36 44.5					C IV 1549			2199				
0805+410	UT	8 5 33.8	8 8 56.80	19			1.42	C IV 1549		1437	1437				1526vlbi
R		41 1 33	40 52 44.9					C III 1909							
0805-077	PKS	8 5 49.63	8 8 15.62	18.4			1.837	H I 1216		052	1861			1861	
R		-7 42 24.0	-7 51 11.4					O IV 1402							
								C IV 1549							
								He II 1640							
								Mg II 2798							
0805+578	4C 57.15	8 5 58.79	8 10 2.49	19			0.438	Mg II 2798		507	508			1111	1003sp
R		57 52 36.2	57 43 45.3					Ne V 3426						1888	
0808+289	B2	8 8 32.18	8 11 36.92	18.8			1.887*	H I 1216 1.8753		138	404			783 2049	
R		28 54 2.2	28 45 3.6					Si IV 1397 1.8332			2049			790 2263	
								C IV 1549 1.1417						1476	
								C III 1909 1.0472						1790	
								0.6492						1818	
0808+019	PKS	8 8 51.1	8 11 26.67	17.5 *	.38	-.64				045				1367	323,1485ubv,
BL Lac	R DW	1 55 50.3	1 46 51.4											1441	323pol,1008,
X	OJ 014													1557	1086rvar,
															2259imag,
															044sp,1441,
															2112x,
															1526vlbi,
															1789mm
0809+558	NGC 2534	8 9 11	8 13 7.22	18.7			2.40			948	1421				2.02 arcmin
C	U1	55 49 45	55 40 42.5												from NGC 2534,
															2118
0809+481	1E	8 9 52.7	8 13 28.90	19.1			0.459	Mg II 2798		1416	1416				1048x
X		48 9 32.7	48 0 28.2					H I 4102							
								H I 4340							
								H I 4861							
								O III 5007							
0809+483	3CR 196	8 9 59.39	8 13 36.03	17.79*	.57	-.43	0.871*	C III 1909 0.8714		067	102	006	128	2114	063,067,
R	4C 48.22	48 22 7.7	48 13 2.8					Mg II 2798 0.4369				066	462	2262	127ubv,1201,
X	CTA 45							Ne V 3426				127	534	2263	2103pol,1280,
	OJ 417							O II 3727				290	787	2267	1526,1631vlbi,
	DA 246												917		912,1107,
	NRAO 285												1105		1980x,1090,
													1804		1889absr,161,
													1891		245,295fc,
													2013		1789mm,1926,
															2180spext,
															2174varnd
0810+327	B2	8 10 59.59	8 14 9.24	18			0.842	C III 1909		138	152			790	
R		32 46 39.8	32 37 32.0					Mg II 2798						1790	
														1888	
0812+367	OJ 320	8 12 10.56	8 15 25.79	18			1.025	C III 1909			342			993	1526vlbi
R	B2	36 44 28.9	36 35 16.7					Mg II 2798						1145	
	CSO 182													1167	
0812+332	B2	8 12 24.03	8 15 34.18	18			2.420+	H I 1216		216	476			216	476
R		33 14 42.1	33 5 29.2					C IV 1549						2162	

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0812+020	PKS	8 12 47.28	8 15 22.97	16.43*	.18	-.77	0.402*	Mg II 2798		050	054	875	128	054	551,761,1093,
R	4C 02.23	2 4 11.7	1 54 58.4					O III 3133				1068	775		1304sp,940ext,
	OJ 021							Ne V 3345				1902	1093		1222elp,
	MSH 08+02							Ne V 3426					1111		1526vlbi,
								O II 3727					1804		079fc,1485ubv
								NeIII 3869					1877		in cluster
								H I 4102					1888		of gals,1839;
								H I 4340							z=0.3,gal 6
								H I 4861							attached to
								O III 4959							QSO,2272;anon
								O III 5007							gal near,0.40
															zgal,2118;
															1902avg ph mag
0814+578	NGC 2549	8 14 16	8 18 17.61	18.9			2.40			948	1421				6.83 arcmin
C	BSO 1	57 52 54	57 43 32.8												from NGC 2549,
															2.23 arcmin
															from anon gal
															0.0263zgal,
															2118
0814+350		8 14 27.66	8 17 40.16	20.0			1.348			1446	1447				
R		35 4 12.9	34 54 52.4												
0814+227	4C 22.20	8 14 38.15	8 17 35.05	18			0.98	C III 1909		033	032		128		831sp,202fc
R	NRAO 287	22 46 38.6	22 37 17.9					Mg II 2798					462		
	OJ 225												774		
	3C 197												775		
	B2												800		
0814+425	OJ 425	8 14 51.67	8 18 16.00	18.5			(0.258)			2121	2121				
	S4	42 32 7.7	42 22 45.4												
0818-128	OJ 131	8 18 36.24	8 20 57.44	17.01*						655		655	837		642,655,670,
BL Lac R	PKS	-12 49 24.9	-12 58 58.9									858	1200		1541,1626,
												1895	1367		1988,2062pol,
												1902	1557		781,1141ir,
												2054	1961		1164mf,
												2073	2056		1057xnd,
															1526vlbi,
															655sp,1789mm,
															1902OVV,2112x
															1902avg Bmag
0819-032	PKS	8 19 9.54	8 21 40.13	18.2			2.352	H I 1216		045	410		803		761,1304sp,
R		-3 13 38.8	-3 23 15.0					N V 1240							1320rpol,
								O I 1304							1526vlbi
								C II 1335							
								O IV 1402							
								C IV 1549							
								He II 1640							
								C III 1909							
0820+225	PKS	8 20 28.57	8 23 24.81	19.2			0.951*	H I 1216	2.0218	2121	2121b				
R	4C 22.21	22 32 44.7	22 23 3.1					C IV 1549							
	MG 0823+2223														
0820+121	H0830+026	8 20 37.24	8 23 22.62				1.695	Si IV 1397		2279	2279				
		12 9 27.8	11 59 46.0					C IV 1549							
0820+560	OJ 535	8 20 53.21	8 24 47.24	18.0			1.417	C IV 1549		009	1003		534		1526vlbi
R	4CP56.16A	56 2 27.8	55 52 43.1					C III 1909			009		1521		
								Mg II 2798			508				
0821+621	4CP62.12B	8 21 22.25	8 25 37.95	17.6			0.542	Mg II 2798		507	1288		1145		538sp
R		62 7 20.5	61 57 33.4					H I 4340					1166		
0821+103	H0830+008	8 21 27.41	8 24 11.01				2.170	H I 1216		2279	2279				
		10 22 45.1	10 13 0.4					Si IV 1397							
								C IV 1549							
0821-153	MC	8 21 29.06	8 23 47.83	19.3			1.345	C IV 1549		1445	1445				
R	PKS	-15 20 37.4	-15 30 21.6					He II 1640							
								C III 1909							
								Mg II 2798							
								Ar IV 2854							

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z	VAR	R	ABS	NOTES
0821+394	4C 39.23	8 21 37.26	8 24 55.43	18.5			1.216	C IV 1549		033	032		462		831sp,
R	OJ 336	39 26 28.0	39 16 41.7					C III 1909			009		774		1320rpol,
	LHE 226							Mg II 2798							1526vlbi
	B2														
	GC														
0821+447	4C 44.17	8 21 49.86	8 25 17.14	18.1			0.904	C III 1909		507	1003		534		
R		44 46 22.1	44 36 34.8					Mg II 2798			538		1166		
											580		1888		
0822+272	W1	8 22 45.91	8 25 47.35	17.7			(2.06)			530	689				
C		27 14 10	27 4 20.1												
0823+033	PKS	8 23 13.56	8 25 50.36	18.0			0.506			2103	2103				
	OJ 038	3 19 15.7	3 9 24.9							2121	2121				
	MG 0825+0309														
0823-223	PKS	8 23 50.7	8 26 2.21	15.7			*		0.9103	412			011	2101	
BL Lac R		-22 20 35.0	-22 30 27.3											2199	
														2263	
0823+147	H0830+046	8 23 55.71	8 26 43.53				2.318	H I 1216		2279	2279				
		14 44 20.3	14 34 26.7					C IV 1549							
0824+110	MC 5	8 24 22.39	8 27 6.54	18.5			2.278*	N II 1085	2.1803	116	116		116	589	1005x,1617ir,
R	H0830+022	11 2 19.4	10 52 24.3					H I 1216	2.1090	1898	458		1818	2228	1526vlbi
X								Si IV 1397	1.6229		589			2263	
								O IV 1402	0.4990		2279				
								C IV 1549							
0824+355	4C 35.20	8 24 26.61	8 27 38.65	20.5			2.249	C IV 1549		1380	1943		1271		1380rmag
R		35 35 1.1	35 25 5.0					C III 1909							
0825+472	PC	8 25 38.9	8 29 10.31	19.08			1.977	Si IV 1397		1546	1546				
O		47 15 21	47 5 20.1					O IV 1402							
								C IV 1549							
								C III 1909							
								Mg II 2798							
0825+103	H0830+011	8 25 52.75	8 28 36.21				2.112	H I 1216		2279	2279				
		10 22 17.7	10 12 17.4					N V 1240							
								Si IV 1397							
								C IV 1549							
0825+132	H0830+030	8 25 59.48	8 28 45.70				2.350	H I 1216		2279	2279				
		13 13 1.1	13 3 0.3					C IV 1549							
0827+193	4C 19.30	8 27 10.95	8 30 3.30	18	*		0.658	C III 1909		129	100	506	789		1188sp
R	OJ 145	19 20 47.5	19 10 42.4					Mg II 2798			436		1888		
	PKS														
0827+243	OJ 248	8 27 54.41	8 30 52.10	17.26*	.36	-.79	0.939*	C III 1909	0.5248	130	747	747	955	482	1201pol,1112,
R	AO	24 21 7.7	24 10 59.9					Mg II 2798			009		1888	747	1526vlbi,
X	B2										044			2228	750pos,955x,
														2263	1108absr,
															1422ubv,
															2251sp
0827+378	4C 37.24	8 27 55.12	8 31 10.02	18.11	.42	-.81	0.914	C III 1909		033	002		128		059ubv
R	OJ 346.5	37 52 18	37 42 9.7					Mg II 2798					462		
	B2												774		
	CSO 193												800		
													1996		
0828-706	H	8 28 16	8 28 17.22	16.65	.41	-.75	0.239			2177	2177				pos from HEAO
X		-70 38 55	-70 48 59.1												cat
0828+124	H0830+059	8 28 30.34	8 31 15.76				2.798	H I 1216		2279	2279				2279BAL
		12 29 54.5	12 19 45.0					N V 1240							
								Si IV 1397							
0828+493	OJ 448	8 28 48.20	8 32 23.45	18.82*	.64	-.61				153	1288	153			133,1288sp,
BL Lac R		49 23 34.1	49 13 22.2								2054	507			1422ubv,
													1152		1526vlbi,
													1544		1789mm,
													2060		2046pol,2112x,
													2144		2144rvar

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
0829+046 BL Lac R X	OJ 049 PKS	8 29 10.91 4 39 51.1	8 31 48.90 4 29 39.4	16.66*	.70	-.37						010	009 837 718 1160 970 1171 1902 1200 1367 1557		323,1485ubv, 703,877,1541, 1730pol,1348, 1679uv,1057, 1307,2112x, 1008,1086rvar, 009,501,761sp, 1056phot,781, 1144ir,1164, 1649mf,237fc, 1526vlbi, 2259imag IRAS source, 1806; OVV; 1902avg Bmag; 0.18zgal,2205	
0829+337 R	B2 UT	8 29 27.8 33 42 14	8 32 36.66 33 32 0.5	18.5			1.10	C III 1909 Mg II 2798				113 131 1437				
0829+111 X		8 29 28.9 11 6 34	8 32 12.94 10 56 21.1	20.2	-1.50		0.453					1314 1314				
0830+115 R	MC 5	8 30 29.94 11 33 52.9	8 33 14.38 11 23 36.5	18.5			2.979*	O VI 1034 2.7664 H I 1216 2.7084 N V 1240 2.4496 Si IV 1397 2.2168 O IV 1402 2.1247 N IV 1488 0.9166 C IV 1549 0.8036 C III 1909	1034 2.7664 1216 2.7084 1240 2.4496 1397 2.2168 1402 2.1247 1488 0.9166 1549 0.8036 1909	116 116 1898 458 589 1440 1874 2281	116 458 589 1440 1874 2281	1170 589 1818 1874 2162 2228 2263		873xnd,582, 986sp,1092ir, 1526vlbi		
0830+112 X		8 30 35.7 11 15 30	8 33 19.85 11 5 13.3	17.5			0.589	Mg II 2798 O III 4363				027	1170		873x	
0831+106	H0830+013	8 31 1.28 10 37 5.2	8 33 44.80 10 26 47.0				2.246	H I 1216 N V 1240 Si IV 1397	1216 1240 1397			2279 2279				
0831+349 R		8 31 9.78 34 59 6.6	8 34 20.15 34 48 47.2	19.2			1.405					1446 1447				
0831+128 O	H0830+056	8 31 23.11 12 48 52.5	8 34 8.72 12 38 33.0	17.8			2.748*	O VI 1034 2.0844 H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 C IV 1549	1034 2.0844 1216 1240 1304 1397 1402 1549	1440 1440 1872 2279	1440 1872 2279		1872 2228 2263			
0831+119	H0830+062	8 31 34.19 11 54 51.2	8 34 18.93 11 44 31.1				0.982	C III 1909				2279 2279				
0831+101 R	MC 5	8 31 57.57 10 8 16.5	8 34 40.61 9 57 55.1	18			1.758*	H I 1216 C IV 1549 C III 1909 Mg II 2798	1216 1.7589 1549 1909 2798			027 2049 2281	1818 2049 1976 2263		1617ir, 1818pos,458sp	
0832+100	H0830+070	8 32 8.01 10 1 6.5	8 34 50.93 9 50 44.5				0.661	Mg II 2798				2279 2279				
0832+251 C	PG	8 32 37.6 25 10 4.3	8 35 35.81 24 59 40.2				0.320					1260			1729,2005ir 2.6arcmin from NGC 2611,faint gals near,2118	
0833+654 R X	3CR 204 4C 65.09 NRAO 297	8 33 18.02 65 24 4.4	8 37 44.88 65 13 35.6	18.21	.55	-.99	1.112	C IV 1549 C III 1909	1549 1909			008 098	462 534 775 787 870 917 1166 1167 1235 1891 2013		008ubv, 1320rpol,696, 912,1107, 1980x,245fc	

TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES
0833+276 R	OJ 256	8 33 22 27 39 19	8 36 22.96 27 28 52.3				0.765	C III 1909 Mg II 2798			458 1520 1888	
0833+585 R	S4 GC	8 33 23.7 58 35 29	8 37 22.35 58 25 0.6	18			2.101	H I 1216 C IV 1549		510 1443	988 1152 1521	1526vlbi
0833+446 C	US 1329	8 33 33.9 44 36 29	8 36 58.83 44 26 1.0	15.51			0.255	O II 3727 H I 4340 H I 4861 O III 4959 O III 5007		1001 1255		1423,2047sp, 2137Bmag, 2137varnd
0834+096	H0830+073B	8 34 13.01 9 36 11.9	8 36 55.47 9 25 42.8				0.814	Mg II 2798		2279 2279		
0834-201 R	PKS	8 34 24.60 -20 6 30.1	8 36 39.22 -20 16 59.1	19.4			2.752	H I 1216 Si IV 1397 O IV 1402 C IV 1549		086 1418	1557 1792 2056 2162	1483rvar, 1526vlbi, 1810pos, 2103pol
0834+096	H0830+073A	8 34 34.44 9 37 45.5	8 37 16.92 9 27 15.2				2.238	H I 1216 Si IV 1397 C IV 1549		2279 2279		
0834+250 R	OJ 259 B2 GC	8 34 42.34 25 4 54.2	8 37 40.27 24 54 23.0	18			1.122	C IV 1549 C III 1909 Mg II 2798		132 009	1520	1526vlbi 3.47 arcmin from NGC 2620, 5.33 arcmin from NGC 2621, 8.32 arcmin from NGC 2622, 2118
0835+580 R X	3CR 205 4C 58.16 OJ 558 NRAO 298 DA 254	8 35 10.02 58 4 51.8	8 39 6.48 57 54 17.5	17.62	.49	-.49	1.536*	C IV 1549 1.5427 He II 1640 1.538 C III 1909 1.5343 1.4353	064 005 571 1901 2049 2281	128 005 462 560 534 571 775 1635 787 1749 917 2049 1153 2228 1166 2263 1235 1476 1636 1818 1891 2013	005,059ubv, 912,1107, 1980x, 1526vlbi, 245fc 10 arcsec from anon gal,0.236 egal,2118	
0836+443 C	US 1420	8 36 11.4 44 18 51	8 39 35.33 44 8 14.1	17.46			1.473	C IV 1549 C III 1909		1001 1255		2137varnd, 2137Bmag
0836+195 R	4C 19.31 LB 384 OJ 160	8 36 15.00 19 32 24.6	8 39 6.97 19 21 48.4	17.6 *	0.00	-.81	1.691*	H I 1216 1.6723 C IV 1549 1.4246 Ne IV 1602 1.3457 He II 1640 1.2751 O III 1663 Si II 1817 C III 1909	133 133 018 506 462 327 775 1635 789 2228 1145 2263 1818 1891 1976	121ubv, 1320rppl, 1159vlbi, 1617ir, 1813ir/r, 1513elp, 2099mm		
0836+710 R	4C 71.07 S5	8 36 21.56 71 4 22.1	8 41 24.36 70 53 41.9	16.5			2.17			1443 996 1811	1145 1338 1667 1793 1937	996,1862vlbi, 1789,1855mm, 2103pol,2133, 2174varnd radio jet 2074
0836+654 O		8 36 37.5 65 24 1	8 41 3.01 65 13 21.0	19.0			1.9	H I 1216		1439 1439		
0836+182 BL Lac R		8 36 40.10 18 13 24.9	8 39 30.72 18 2 47.3	16.8 *						476 970		476sp,996vlbi, 877pol,2112x, 2259imag



TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES		Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0836+113 O	H0830+064	8 36 48.99 11 22 41.9	8 39 33.02 11 12 4.0	18.8				2.696*	H I N V	1216 2.469 1240 2.4660 1.8221 0.7874 0.3680	1440 1440 2279							1550 1551 2106 2115 2228 2263 2279	damped Ly alpha,1550, 2241	
0837+109 O		8 37 0 10 54 0	8 39 43.58 10 43 21.5					3.326*	H I C IV	1216 3.1430 1549 2.9558 2.4165 1.4634	1872							1872 1873 2228 2263		
0837+470 C	US 1443	8 37 1.4 47 1 57	8 40 30.16 46 51 17.2	17.22				1.564	Si IV O IV C IV C III	1397 1402 1549 1909	1001 1255								2137Bmag, 2137varnd	
0837-120 R X	3C 206 PKS NRAO 299 OJ 162	8 37 27.95 -12 3 54.2	8 39 50.62 -12 14 33.8	15.76*	.02	-.85	0.198		Mg II He II Ne V Ne V O II NeIII NeIII H I H I O III H I O III O III	2798 3203 3345 3426 3727 3869 3968 4102 4340 4363 4861 4959 5007	086 954 099 023 054 256 775 334 290 2056 468 2006							099ubv,099, 877,1202pol, 1222,1797elp, 780,799,886, 1319,1530, 1617,2021lr, 868,1032, 2081sp,1183x, 868,940ext, 1320rpol,1700, 1884,1911, 2145imag, 1701uv,468fc, 1813lr/r, 2006OVV, 2099mm in cluster gals,2006 0.193zgal, 6.8 arcsec W, 2006;gal pair 0.203zgal, 11 arcsec NE,868 10 arcsec from anon gal,0.236 zgal,2118		
0837+497 C	NGC 2639 U15	8 37 34.00 49 43 56.1	8 41 8.10 49 33 14.3	19.3				1.535	C IV C III Mg II	1549 1909 2798	545 1103 545								47.7 arcmin from NGC 2639, 2118	
0838+133 R X	3CR 207 4C 13.38 PKS OJ 163 NRAO 300 DA 255	8 38 1.72 13 23 5.6	8 40 47.59 13 12 23.5	18.15*	.43	-.42	0.684		C III Mg II	1909 2798	008 002 506 128 462 789 1167 1340 1591 1891 2013								008ubv,912, 1107,1980x, 1159,1526vlbi, 050,506fc 1795rpol jet	
0838+359 C	CSO 199	8 38 7.6 35 55 42	8 41 18.34 35 44 59.0	16				1.775+	Si IV O IV C IV C III	1397 1402 1549 1909	1533 1992							1992 1992Bmag		
0838+376 CG 200		8 38 9.0 37 37 12	8 41 22.09 37 26 28.8	17				0.14	O III H I	5007 6563	1533 2213									
0838+106 H0830+001A		8 38 25.72 10 36 55.6	8 41 8.98 10 26 12.3					1.922+	Si IV C IV	1397 1549	2279 2279							2279		
0838+770 PG C		8 38 32.0 77 3 59	8 44 45.58 76 53 9.5	16.30				0.131	H I O III O III	4861 4959 5007	1117 1117							1117Bmag		
0838+134 X	1E	8 38 38.3 13 24 38.2	8 41 24.16 13 13 54.1	19.6				0.723	Mg II	2798	1416 1416							1048x		
0838+131 O		8 38 48.4 13 10 0	8 41 34.03 12 59 15.3	19.1				1.88	H I C IV	1216 1549	1439 1439									

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0838+456 C	US 1498	8 38 49.8 45 36 33	8 42 15.55 45 25 47.2	17.39			1.406	C IV 1549 C III 1909 Mg II 2798		1001 1255					2137Bmag, 2137varnd
0838+133 O		8 38 50.5 13 19 42	8 41 36.28 13 8 57.2	19.0			1.80	H I 1216 C IV 1549		1439 1439					
0838+501 C	NGC 2639 U10	8 38 55.81 50 8 50.4	8 42 30.50 49 58 4.0	18.1			0.305	H I 4861 O III 4959 O III 5007		545 545 1103					1026,1207ext, 1261imag 18.33 arcmin from NGC 2639, 2118
0839+616 R	4C 61.19 OJ 665	8 39 4.54 61 40 31.4	8 43 12.46 61 29 43.6	17			0.862	C III 1909 Mg II 2798		096 009			534 782 1166 1804		704,1202pol, 129fc
0839+187 R	UT GC	8 39 14.1 18 46 27	8 42 5.11 18 35 40.8	16.36	.27	-.84	1.27	C IV 1549 C III 1909		1437 1437			124 2085		458sp,149fc, 1485ubv
0839+447 O R	55W 110	8 39 28.5 44 45 12	8 42 52.60 44 34 24.1	19.1			1.79	C IV 1549 C III 1909		1387 1387 1406 1497			1405		
0839+446 O		8 39 33.3 44 37 30	8 42 57.16 44 26 41.8	20.6			2.80	H I 1216		1387 1387					
0839+186 C	LB 6158	8 39 58.38 18 41 6.4	8 42 49.26 18 30 17.7	18.40	.22	-.88	2.052	H I 1216 Si IV 1397 O IV 1402 C IV 1549		573					573ubv
0839+444 O		8 39 59.0 44 24 48	8 43 22.41 44 13 58.4	18.5			2.22	H I 1216		1387 1387					
0840+501 C	NGC 2639 U8	8 40 0.03 50 10 0.3	8 43 34.52 49 59 10.4	19.4			2.80	* LYB 1026 H I 1216 Si IV 1397 C IV 1549	2.37	545 1103 545			1103 2263		1026ext 13.83 arcmin from NGC 2639, 2118
0840+499 C	NGC 2639 U4	8 40 9.65 49 54 13.0	8 43 43.54 49 43 22.6	18.7			(0.78)			545 545					1103pos 29.83 arcmin from NGC 2639, 5.5arcmin from anon gal,2118
0840+448 O		8 40 11.9 44 52 30	8 43 36.08 44 41 39.7	21.1			2.49	H I 1216		1387 1387					
0840+447 O		8 40 14.9 44 45 18	8 43 38.86 44 34 27.5	20.6			(3.30)	H I 1216		1387 1387					
0840+109	H0830+065	8 40 24.66 10 55 7.6	8 43 8.13 10 44 17.6				0.507	Mg II 2798		2279 2279					
0840+450 O		8 40 24.7 45 3 36	8 43 49.16 44 52 45.0	19.1			2.73	H I 1216		1387 1387					
0840+446 O		8 40 32.2 44 36 12	8 43 55.84 44 25 20.6	21.5			2.20	H I 1216		1387 1387					
0840+499 C	NGC 2639 U1	8 40 40.89 49 55 37.4	8 44 14.71 49 44 45.2	18.8			1.177	C III 1909 Mg II 2798		545 545 1103					28.83 arcmin from NGC 2639, 3.13 arcmin from anon gal, 0.0056zgal, 2118
0840+499 C	NGC 2639 U2	8 40 46.62 49 55 29.7	8 44 20.42 49 44 37.2	19.5			1.105			545 545					1103pos 29.5 arcmin from NGC 2639, 3.68 arcmin from anon gal, 2118

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0840+499	NGC 2639	8 40 55.50	8 44 29.42	19.1			1.522			545 545					1103pos 25.83 arcmin from NGC 2639, 5.03 arcmin from anon gal, 2118
C	U3	49 59 55.9	49 49 2.9												
0841+495	NGC 2639	8 41 9.71	8 44 42.69	19			2.132+	H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909		545 1103 545				1103	51.17 arcmin from NGC 2639, 2118
C	U14	49 34 47.5	49 23 53.8												
0841+449		8 41 22.0	8 44 46.05	20.9			2.17	H I 1216		1387 1387					13 arcsec from anon gal,1387, 2118
O		44 55 36	44 44 41.8												
0841+450		8 41 23.3	8 44 47.64	20.4			2.03	C IV 1549 C III 1909		1387 1387					
O		45 5 54	44 54 59.7												
0841+174		8 41 30.29	8 44 19.91	18.17*	.20	-1.10	(0.891)	C III 1909 Mg II 2798		737 573 737					737ubv
C		17 29 39.9	17 18 46.2												
0841+498	NGC 2639	8 41 38.12	8 45 11.56	18.3			(1.494)			545 545					1103pos 37 arcmin from NGC 2639,2118
C	U5	49 50 48.2	49 39 52.9												
0841+129		8 41 38.9	8 44 24.20	18.5					2.51 2.5057 1.9385 1.9239	2234				2234	
BL Lac	O	12 56 43	12 45 48.9												
R															
0842-754	PKS	8 42 11.47	8 41 27.42	18.9			0.524	Mg II 2798 Ar IV 2854 Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		432 432 466		023 386 2056		1483rvar, 2229sp,310, 675fc, 1526vlbi	
R	MC	-75 29 36.2	-75 40 26.6												
0842+448		8 42 14.9	8 45 38.72	21.4			2.36	C IV 1549 C III 1909		1387 1387					
O		44 53 36	44 42 38.9												
0842+446		8 42 18.7	8 45 42.08	20.6			2.31	H I 1216		1387 1387					
O		44 38 42	44 27 44.7												
0842+498	NGC 2639	8 42 21.85	8 45 55.07	19.3			2.00	H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909		545 1103					41.67 arcmin from NGC 2639, 2118
C	U7	49 49 23.9	49 38 26.2												
0842+345	CSO 203	8 42 30.5	8 45 38.81	17			2.126+	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1533 1992					1533BAL, 1992Bmag
C		34 31 54	34 20 56.5												
0842+449		8 42 34.6	8 45 58.45	19.1			2.30	C IV 1549 C III 1909		1387 1387					32 arcsec from spiral gal, 1387,2118
O		44 56 54	44 45 55.8												
0842+445		8 42 47.6	8 46 10.68	21.7			2.15	H I 1216		1387 1387					
O		44 31 36	44 20 37.1												
0842+175		8 42 49.63	8 45 39.24	18.61*	-.10	-1.00	(0.270)	Mg II 2798		737 573 737					737ubv
C		17 34 9.8	17 23 11.7												
0842+445		8 42 56.8	8 46 19.89	21.1			1.87	C IV 1549 C III 1909		1387 1387					
O		44 32 48	44 21 48.6												
0842+181	LB 8644	8 42 59.51	8 45 49.69	18.01*	.18	-.95	(1.470)	C IV 1549 C III 1909		573 737					573ubv
C		18 10 22.0	17 59 23.3												

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0843+446	49/W3	8 43 0.2	8 46 23.52	21.8					1.10			1978	1978		1978		
R		44 41 14	44 30 14.4														
0843+136	4C 13.39	8 43 1.35	8 45 47.25	17.8	.45	-1.05	1.875*	H I	1216	1.7067	124	121	506	462	560	121ubv,1818,	
R	OJ 171	13 39 57.4	13 28 58.7					C IV	1549	0.6073				789	1635	1891pos	
								C III	1909					1818	2228	2263	
0843+161		8 43 2.02	8 45 50.25	18.15*	0.00	-1.00	(0.863)	C III	1909		737	573	737			737ubv	
C		16 8 39.7	15 57 40.9														
0843+148		8 43 20.78	8 46 7.81	18.64	.10	-.80	1.414	C IV	1549		737	573				737ubv	
C		14 53 39.6	14 42 39.8					C III	1909								
0843+447		8 43 26.3	8 46 49.58	21.8			2.86	H I	1216		1387	1387					
O		44 42 42	44 31 41.0														
0843+349		8 43 50.59	8 46 59.31	18.5			1.575				1446	1447				1487x,	
R		34 59 27.2	34 48 25.3													2100FeIIem	
X																	
0844+377		8 44 1.0	8 47 13.39	17.7	-.50		0.451				1265	1265				1265ubv,1026,	
X		37 43 54	37 32 51.4													1207ext,	
																1261imag,	
																1910sp	
0844+444		8 44 7.8	8 47 30.50	19.1			2.37	C IV	1549		1387	1387					
O		44 27 12	44 16 8.8					C III	1909								
0844+446	55W 179	8 44 21.61	8 47 44.56				0.465				1406	1396				19.06Jmag,1396	
R		44 37 15.2	44 26 11.2														
0844+319	4C 31.32	8 44 51.8	8 47 56.63	18.87			1.834	H I	1216		033	044		462		1320rpol,033,	
R		31 59 2	31 47 56.8					Si IV	1397		568	032				450fc	
								O IV	1402			831				30 arcsec from	
								C IV	1549							IC 2402,2118	
0845+378		8 45 7.1	8 48 19.50	17.9	-.30		0.307				1265	1265				1265ubv,1207,	
X		37 51 32	37 40 25.8									1314				1261imag,1026,	
																1207ext,	
																1095spext,	
																1910sp	
0845+159		8 45 11.7	8 47 59.65	19.01			1.321	C III	1909			1859					
O		15 58 41	15 47 35.2					Mg II	2798								
0845-051	PKS	8 45 29.55	8 47 58.71	19			1.242	C IV	1549		011	501		011		761,1304sp	
R	OJ 076	-5 9 26.7	-5 20 33.1					C III	1909								
								Mg II	2798								
0845+302	CSO 2	8 45 59.9	8 49 2.52	16			0.660	Mg II	2798		1370	1992				1992Bmag	
C	TON 11	30 13 54	30 2 45.2					O II	3727								
								NeIII	3869								
								NeIII	3968								
								H I	4340								
0846+145	LB 8707	8 46 1.08	8 48 47.64	18.17*			1.693	H I	1216		018	1803	737				
C		14 32 4.3	14 20 55.8					Si IV	1397			573					
								O IV	1402								
								C IV	1549								
								C III	1909								
								Mg II	2798								
0846+156		8 46 20.50	8 49 8.11	18.3			2.912*	H I	1216	2.8977	1440	1874			1440	1208,1440,	
O		15 40 41.0	15 29 31.4					N V	1240	2.8864		1440			1874	1874BAL	
								Si IV	1397	2.8745					2228	Ly limit abs,	
								O IV	1402	2.858					2263	1874	
								C IV	1549	2.795							
										2.594							
										2.2800							
										1.8097							
										1.3733							
										0.7698							

TABLE 1—Continued

OTHER NAMES		RA (1950)	RA (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC (1950)	DEC (2000)								Z	VAR	R	ABS	
0846+513 BL Lac C R	W1	8 46 22.51 51 19 39.9	8 49 58.03 51 8 29.0	17	*	.70	-.32	1.86	C IV 1549 C III 1909	546	546	546 1127 658 1175 1068 1851 2174 2144		546ubv,900, 1175,1541pol, 1056phot, 2144rvar,2010, 2023imag, 2112x 35 arcsec from NGC 2681,11 arcsec from anon spiral, 0.072zgal, 1650,2118; IRAS source, 1806;	
0846+149 C	LB 8716	8 46 25.63 14 59 4.3	8 49 12.59 14 47 54.5	18.26*		.39	-.82	(0.865)	C III 1909 Mg II 2798		573	737		573ubv	
0846+434 C	US 1742	8 46 39.1 43 28 2	8 49 59.69 43 16 50.6	17.40				0.693	Mg II 2798	1001	1255			2137Bmag, 2137varnd	
0846+152 O		8 46 50.95 15 17 33.7	8 49 38.17 15 6 22.5	19.1				2.629	O VI 1034 H I 1216 C IV 1549	1440	1440				
0846+100 R PKS OJ 078	4C 09.31	8 46 57.3 10 0 42	8 49 39.72 9 49 30.6	19.20		.20	-.78	0.366	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4861 O III 4959 O III 5007	124	121	506 462 775 789 1171		121ubv, 1207ext,1261, 1884,1911imag, 1320rpol, 746fc faint gals near,2118	
0847+100 R	21 W 17	8 47 7.5 10 1 49	8 49 49.93 9 50 37.0	18.5				2.8			1424		1424 2162		
0847+155 O	KP 3	8 47 15.0 15 30 2	8 50 2.39 15 18 49.5	21.0				2.19	H I 1216 C IV 1549	457	867			873xnd,853rnd	
0847+190 C	LB 8741	8 47 38.65 19 5 3.1	8 50 29.41 18 53 49.2	16.6 *		-.20	-.50	0.568	Mg II 2798		030	737		135ubv,704, 1202pol,850, 853,921rnd, 921,992, 1617ir, 921phot, 1420sp, 1420FeIIem 9.32 arcmin from NGC 2677, 2118	
0847+156 O	KP 5	8 47 40.5 15 39 36	8 50 28.02 15 28 22.1	19.0				2.041		457	1830 853			853rnd	
0847+156 O R	KP 4	8 47 40.5 15 40 40	8 50 28.04 15 29 26.1	18.0				2.667+	O VI 1034 H I 1216	457	1830 867		457 1830 2162	873xnd,853rnd 64 arcsec from KP 5,1830	
0847+429 C	US 1786	8 47 56.8 42 54 50	8 51 16.25 42 43 34.4	17.45				0.487	Mg II 2798	1001	1255			2137Bmag, 2137varnd	
0847+204 C	LB 8746	8 47 56.88 20 25 39.3	8 50 48.92 20 14 24.4	18.12*		.24	-.62	0.693	C III 1909 Mg II 2798		573	737		573ubv	
0848+155 C X R	LB 8755 OJ 180	8 48 4.48 15 33 31.4	8 50 51.88 15 22 16.2	17.7 *		-.20	-.60	2.017+	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 N III 1750 C III 1909	018	1872 018 1242 030 100 1000 2281	737 853 1118 1818 1891	1000 1872	303,1485ubv, 873x,1242, 225isp, 1513elp	
0848+120 C	LB 3597	8 48 14.7 12 2 54	8 50 58.89 11 51 38.3	20.2		.20		2.58	H I 1216 C IV 1549	329	329				

TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES		Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0848+163 C	LB 8775	8 48 53.7 16 23 39.8	8 51 41.83 16 12 22.0	16.9	*	-.20	-.50	1.926*	H I N V Si IV C IV	1216 1240 1397 1549	1.9176 1.4686 1.4575 0.5903 0.5862		1872 030 2281	737 1068			560 1000 1394 1635 1747 1872 1873 1969 2228 2263	135ubv,704, 1202pol,850, 853,921, 1586rnd,992ir, 1000,2251sp, 1513elp
0849+287 R X	B2 1E	8 49 5.8 28 45 15.9	8 52 6.40 28 33 57.1	20.2				1.273	C III Mg II	1909 2798			1416	1416		991		1048x
0849+120 C	LB 6378	8 49 5.9 12 1 11	8 51 50.03 11 49 52.6	20.5		-.10		1.76	H I C IV	1216 1549			329	329				
0849+336 C	NGC 2683 U1	8 49 35 33 36 30	8 52 41.21 33 25 9.5	17.4				0.621	Ne IV Mg II Mg V	2424 2798 2931 2973			1065	1065				54 arcmin from NGC 2683, 9 arcmin from UGC 4658,1650, 2118
0849+336 C	NGC 2683 U2	8 49 35 33 36 30	8 52 41.21 33 25 9.5	18.7				1.262+	C IV C III Mg II	1549 1909 2798			1065	1065			1065	46.95 arcmin from NGC 2683, 7.55 arcmin from UGC 4658, 2118
0849+336 C	NGC 2683 U3	8 49 35 33 36 30	8 52 41.21 33 25 9.5	19.3				1.252+	C IV C III Mg II	1549 1909 2798			1065	1065			1065	46.38 arcmin from NGC 2683, 10.97 arcmin from UGC 4658, 2118
0849+180 C		8 49 43.29 18 2 48.2	8 52 32.92 17 51 27.7	18.05*	.30	-.80	(1.07)	C III	1909				737	573	737			737ubv
0849+202 C	LB 8798	8 49 45.31 20 15 31.8	8 52 37.06 20 4 11.1	18.27*	.02	-.78	(0.461)	Mg II	2798					573	737			573ubv
0849+154 C	LB 8796	8 49 47.35 15 29 57.8	8 52 34.60 15 18 37.1	18	*	-.10	-.40	1.32	C IV C III	1549 1909			030	737 1068				135ubv,853rnd, 873xnd
0849+283 X	1E	8 49 48.7 28 20 1.4	8 52 48.76 28 8 40.3	18.5				0.197	H I H I H I O III	4102 4340 4861 4959			1416	1416				1048x
0850+284 X R	1E	8 50 2.9 28 28 6.7	8 53 3.08 28 16 44.9	20.0				1.273	C III Mg II	1909 2798			1416	1416		991		1048x
0850+172 C		8 50 3.43 17 13 8.0	8 52 52.26 17 1 46.4	18.26*	.50	-.40	0.726	C III Mg II	1909 2798				737	573	573			573ubv
0850+283 O		8 50 3.6 28 18 32	8 53 3.61 28 7 10.1	19.3				2.90	H I C IV	1216 1549			1439	1439				
0850+440 C	US 1867	8 50 13.6 44 0 29	8 53 34.40 43 49 6.1	16.62				0.513	Mg II H I	2798 4340			1001	1255	2137			2137Bmag
0850+284 X	1E	8 50 17.9 28 25 17.2	8 53 18.00 28 13 54.6	17.7				0.922	Mg II Ne V	2798 3426			1416	1416		991		1048x
0850+140 R X PKS OJ 184 NRAO 301 DA 257 OTL	3CR 208 4C 14.28	8 50 22.79 14 3 58.3	8 53 8.71 13 52 35.7	17.30*	.34	-1.00	1.11	C IV C III C II Mg II	1549 1909 2326 2798				136	046 098 1068 1902	506 875 775 787 789 917 1235 1585 1804 1891 2013			136ubv, 1201pol,696, 912,1107x,050, 158,295fc, 324sp 1902avg ph mag

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0850+189	LB 8814		8 50 24. 18 59 0	8 53 14.48 18 47 37.3	18.59*					0.183	Mg II 2798 Ne V 3426 O II 3727 H I 4340 H I 4861			573	573			
0850+473	US 1885		8 50 36.9 47 23 14	8 54 3.50 47 11 49.7	18.6 *					(0.470)	Mg II 2798		1001	1116	1116			
0850+581	4C 58.17		8 50 50.18 58 8 55.3	8 54 42.02 57 57 29.6	18					1.322	C IV 1549 C III 1909 C II 2326 Mg II 2798		510 581	580 1443		945 988 1111 1145 1152		1280,1526, 1862vlbi, 1003sp, 1843rpol 1795rpol jet superluminous source,1674, 1827;
0851+142	A		8 51 53.28 14 17 19.5	8 54 39.32 14 5 52.1	19.26					1.011	Mg II 2798		2087	2087				2087rmag
0851+202	OJ 287		8 51 57.26 20 17 58.2	8 54 48.89 20 6 30.5	14 *	.39	-.64	0.306+	H I 4861 O III 5007 H I 6563				096 1516	553 723 882 754 898 755 955 861 1127 997 1160 1010 1171 1068 1212 1142 1229 1146 1367 1147 1543 1158 1544 1178 1557 1397 1771 1601 1807 1602 1930 1657 2055 1758 2070 1791 1802 1834 1895 1932 1933 1984 2016 2054 2055 2073 2174 2271	323 837 1984 882 898 955 1127 1160 1171 1212 1229 1367 1543 1544 1557 1771 1807 1930 2055 2070		501,553,662, 761sp,323, 662ubv,323, 642,657,662, 856,1179,1541, 1626,1730, 1801,1988, 2046,2062, 2103,2167pol, 899,1388, 1783rpol,822, 856,1056,1389, 1880phot,1164, 1357,1649, 1971,1972mf, 836,887,1086, 1336,1596, 1721,1844rvar, 1040,1051, 1348uv, 1261imag,955, 1057,1088, 1307,1849, 2107,2112x, 781,1012,1041, 1141,1144, 1256,1580, 1589,1702, 1768,1782ir, 1207ext,1027, 1028,1789mm, 749pos,1381, 1588uvvar, 1526,1919vlbi, 657,723fc, 1805mmvar, 1806, 2031irvar superluminous source, 1907	
0851+197	LB 8863		8 51 59.64 19 42 5.4	8 54 50.69 19 30 37.6	18 *	.10	-.50	2.214	H I 1216 Si IV 1397 C IV 1549				030	737 1068				135ubv,853rnd, 2251sp
0852+197	O		8 52 0 19 42 0	8 54 51.05 19 30 32.2				2.221*	Si IV 1397 O IV 1402 C IV 1549	2.1716 1.9399 0.4151			1872				1872 1873 2228 2263	
0852+170	C		8 52 14.92 17 2 35.5	8 55 3.46 16 51 6.9	18.73*	.20	-1.00	1.917	H I 1216 C IV 1549				737	573	737			737ubv
0852+152	LB 8880		8 52 29.93 15 17 4.6	8 55 16.84 15 5 35.3	19.10*	.06	-.09	(0.684)	Mg II 2798				573	737				573ubv
0852+181	LB 8891		8 52 48.37 18 6 57.4	8 55 37.87 17 55 27.0	18.21*	.26	-.71	1.013					573	737				573ubv

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0853+183	LB 8909		8 53 20.01	8 56 9.73	18.61*	.19	-.70	1.530		Si IV 1397				573	737		573ubv	
C			18 23 32.0	18 11 60.0						O IV 1402								
										C III 1909								
0853+515	NGC 2693		8 53 24.6	8 56 58.83	19.5				2.31					948			3.13 arcmin from NGC 2693, 92 kpc from NGC 2694,2118	
C	UB 1		51 32 18	51 20 44.6														
0853+176	LB 8913		8 53 28.87	8 56 17.92	18.12*	.37	-.80	1.217		C IV 1549				573	737		573ubv	
C			17 41 7.5	17 29 35.0						C III 1909								
0854+144	LB 8938		8 54 2.57	8 56 48.61	17.61	.08	-.89	(0.335)		Mg II 2798				573			573ubv	
C			14 24 55.6	14 13 21.4														
0854+191			8 54 5.53	8 56 55.90	19.39*	-.30	-.70	(0.419)		Mg II 2798			737	573	737		737ubv	
C			19 8 35.3	18 57 0.8														
0854+193	OTL		8 54 15.78	8 57 6.33	17.4 *	.23	-.86	0.331		Mg II 2798				030	737		040ubv,853rnd,	
C	LB 8948		19 20 29	19 8 54.0						H I 4861				040	1068		873xnd	
										O III 5007								
0854+191	LB 8956		8 54 36.54	8 57 26.85	17.6 *	-.20	-.60	1.896*		H I 1216	1.8550		1872	737	853	560	135ubv,873xnd,	
C			19 7 0.5	18 55 24.4						N V 1240	1.8424		030	1068	1118	1635	2251sp	
R										Si IV 1397	1.7367						1872	
										O IV 1402	1.7323						2228	
										C IV 1549	1.6916						2263	
											1.4754							
											1.354							
											1.3019							
											1.2954							
											0.2711							
0854+161	LB 8960		8 54 45.55	8 57 33.16	17.20*	.29	-.74	0.828		C III 1909				573	737		573ubv	
C			16 11 53.5	16 0 17.0						Mg II 2798								
0854+165			8 54 59.37	8 57 47.28	18.5				2.540+	H I 1216			1440	1440			1440BAL?	
O			16 32 36.6	16 20 59.4						N V 1240								
										Si IV 1397								
										O IV 1402								
										C IV 1549								
0855+539	NGC 2701		8 55 26	8 59 5.20	19.4				0.243					948			7 arcmin from NGC 2701, 1.83 arcmin from anon gal,2118	
C	UB 1		53 57 46	53 46 6.1														
0855+188	LB 8991		8 55 40.17	8 58 30.12	17.3 *	-.20	-.80	1.013		C III 1909				030	737		135ubv,853rnd,	
C			18 48 48.4	18 37 9.0						Mg II 2798					1068		873xnd	
0855-196	PKS		8 55 48.73	8 58 5.30	18.7				0.659*	Mg II 2798	0.6463		057	1861		1861	310pos	
R			-19 38 58.1	-19 50 37.2						Ne V 3426						2056	2263	
										O II 3727								
										H I 3889								
										He 3970								
										H I 4102								
										H I 4340								
										O III 4363								
										H I 4861								
										O III 4959								
										O III 5007								
0855+143	3CR 212		8 55 55.56	8 58 41.45	19.06	.90	-.30	1.048		C III 1909			064	137		787	900,1201pol,	
R	4C 14.30		14 21 24.3	14 9 44.2						C II 2326						870	1159,1526vlbi,	
X	PKS									Mg II 2798						917	1356x,059ubv,	
	NRAO 310															1167	050,137fc	
	OJ 193.1															1804	IRAS source,	
																1891	1806	
																2013		
																2085		
0855+183			8 55 59.70	8 58 49.22	19.0				2.619	H I 1216			1440	1440				
O			18 21 51.0	18 10 10.6						C IV 1549								
0856+468	US 2068		8 56 0.0	8 59 24.40	16.97				0.924	C III 1909			1001	1255			2137Bmag,	
C			46 49 2	46 37 20.7						Mg II 2798							2137varnd, 2251sp	



TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0856+186		LB 9010	8 56 0.72	8 58 50.48	18.3 *	-.10	-.40	1.711		H I 1216				030	737		560	135subv,853rnd, 873xnd
C			18 37 45.1	18 26 4.6						O IV 1402								
										C IV 1549								
										C III 1909								
0856+170		4C 17.46	8 56 4.09	8 58 52.40	17.4 *	.27	-.90	1.454*		C IV 1549	1.4639	133	133	506	462	133	121,436,	
C		LB 9013	17 3 9.1	16 51 28.5						C III 1909	1.3836		018	737	775	560	1485subv	
R		OJ 195								Mg II 2798			030	1068	789	1635		
													1901		853	2228		
															1118	2263		
															1586			
0856+156		LB 9024	8 56 23.89	8 59 10.91	18.78*				0.424	Mg II 2798			573	737				
C			15 39 12.0	15 27 30.4						Ne V 3426								
0856+172			8 56 29.58	8 59 18.03	19.0				2.311*	N V 1240	2.32	1227	1227		1213	1227	1479sp,1208,	
O			17 14 1.1	17 2 19.2						Si IV 1397	2.3						1227,1514BAL	
										C IV 1549							z(abs) 2.29-	
										C III 1909							2.07,1514	
										Mg II 2798								
0856+189		LB 9029	8 56 37.45	8 59 27.44	17.7 *	-.10	-.30	1.286		C IV 1549			030	737			135subv,853rnd,	
C			18 55 32.2	18 43 49.8						C III 1909				1068			873xnd	
										Mg II 2798								
0856+124		MC 5	8 56 49.55	8 59 33.74	18				1.770*	H I 1216	1.1415		027		1818	2049	1818pos	
R			12 28 17.1	12 16 34.2						Si IV 1397			2049		1891	2263		
										O IV 1402			2281		1976			
										C IV 1549								
										He II 1640								
										C III 1909								
0856+179		LB 9040	8 56 53.68	8 59 42.76	18.28*	.14	-1.03	1.403		O IV 1402			573	737			573subv	
C			17 57 30.3	17 45 47.1						C IV 1549								
										C III 1909								
0858-279		PKS	8 58 30.9	9 0 39.44	17				(1.14)	Mg II 2798			2151	2151		011	radio pos, QSO	
R			-27 56 33	-28 8 20.3													is 3 arcsec N, 2151	
0858-771		PKS	8 58 38.99	8 57 42.64	17.57	.20	-.68	0.489		Mg II 2798			495	1304		023	761,2151sp,	
R			-77 7 48.6	-77 19 31.7						Ne V 3426						386	1485subv,	
										O II 3727						2056	1707pos,	
										NeIII 3869							1707fc,	
										H I 4102							2151syl,	
										H I 4340							2145imag	
										H I 4861								
										O III 4959								
										O III 5007								
0858+179		LB 9115	8 58 57.01	9 1 45.96	18.83*	.07	-.97	1.896		H I 1216			573	737			573subv	
C			17 57 41.9	17 45 52.3						N V 1240								
										C IV 1549								
0859+470		4C 47.29	8 59 40.13	9 3 4.13	18.7				1.462	C IV 1549			507	580		945	865pos,510fc,	
R		OJ 499	47 2 56.6	46 51 4.0						He II 1640						988	1003sp,1280,	
										N III 1750						993	1526,1862vlbi,	
										C III 1909						1111	1789mm,	
										C II 2326						1145	2103pol	
																1152		
																1338		
																1543		
																1976		
																2060		
0859+176		LB 9147	8 59 42	9 2 30.63	19.03*				1.407	O IV 1402			573	737				
C			17 40 0	17 28 8.1						C IV 1549								
										C III 1909								
0859-140		PKS	8 59 54.97	9 2 16.86	16.59	.20	-.85	1.339		C IV 1549			079	101		023	059,1485subv,	
R		OJ 199	-14 3 38.9	-14 15 30.9						He II 1640			2281			128	1202,2103pol,	
MSH 09-11										C III 1909						1557	780,1983ir,	
										Mg II 2798						1792	801rvar,847,	
																1937	1810pos,1304,	
																1976	2251sp,057fc,	
																2056	1466,1526vlbi,	
																	1352spvar,	
																	1789mm	

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0900+154 C	LB 9179		9 0 35.21 15 25 45.1	9 3 21.80 15 13 50.5	18.1 *	-.10	-.40	0.176		Mg II 2798 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007			030	737 1068			135ubv,853rnd	
0900+200 C			9 0 59.97 20 3 45.7	9 3 50.69 19 51 49.8	18.92*		-.40	1.745		H I 1216 C IV 1549 C III 1909		737	573	737			737ubv	
0901+499 O	PC		9 1 1.3 49 58 50	9 4 30.42 49 46 53.1	21.22			2.435		C IV 1549 C III 1909		1517	1517					
0901+285 R	B2		9 1 30.64 28 31 30.8	9 4 29.62 28 19 33.1	17.6			1.121		C IV 1549 C III 1909 Mg II 2798		138	403		790 1476 1790 1976			
0902+186 C			9 2 21.72 18 39 16.7	9 5 11.06 18 27 16.7	17.53	.90	-.80	(0.465)		Mg II 2798 Ne V 3426		737	573				737ubv 8.18 arcmin from NGC 2744, 2.22 arcmin from NGC 2747, 8.48 arcmin from NGC 2749, 2118	
0902-197 R	MC		9 2 23.79 -19 45 27.3	9 4 40.74 -19 57 26.7	17.9			0.758		C II 2326 Mg II 2798		1445	1445		2056			
0902-256 R	PKS		9 2 40.83 -25 40 50.9	9 4 52.14 -25 52 51.1	19			1.635+		O I 1304 C II 1335 Si IV 1397 O IV 1402 C IV 1549 C III 1909		011	501		011 2056	501	761,1304sp, 1526vlbi	
0903+155 O			9 3 5.20 15 34 48.0	9 5 51.77 15 22 45.8	18.0			2.655		O VI 1034 H I 1216 C IV 1549		1440	1440					
0903+198 C	LB 9292		9 3 13.17 19 53 47.0	9 6 3.57 19 41 44.3	16.42*	.50	-.77	1.206		C IV 1549 C III 1909			573	737			573ubv	
0903-573 R	PKS		9 3 32.21 -57 23 2.0	9 4 53.22 -57 35 3.6	19			0.695		Mg II 2798 O II 3727		2151	2151		1707		2151syi	
0903+169 R X LB 9308 OK 106 NRAO 315	3CR 215 4C 16.26 PKS LB 9308 OK 106 NRAO 315		9 3 44.16 16 58 15.7	9 6 31.91 16 46 11.5	18.27*	.21	-.66	0.411		Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 O III 5007		008	102 030 1068	506 737 775 789 853 916 1111 1476 1545 1888 1891 2013	462		008ubv,912, 1107,1781x, 1222elp,050fc, 2180spext 1796rpol jet; faint gal near 1344; 8 arcsec from anon gal, 0.41zgal,2118	
0903+175 O			9 3 49.95 17 34 27.9	9 6 38.23 17 22 23.4	17.3			2.756*	N V	1240 2.730 2.681		1227	1479 1227 1440			1227	1213rnd,1208, 1227,1440BAL, 1685uv, 2174varnd 3.9 arcsec from 18mag gal 0.127zgal,1501	
0903+167 O			9 3 52.6 16 46 15	9 6 40.16 16 34 10.4	18.2			2.4	H I	1216		1439	1439					
0903+187 C	LB 9317		9 3 52.92 18 46 33.4	9 6 42.26 18 34 28.8	18.55*			(0.752)	Mg II	2798			573	737				
0904+386 R	UT		9 4 35.0 38 39 48	9 7 45.38 38 27 40.8	18.5			1.74	H I Si IV O IV C IV	1216 1397 1402 1549		1437	1437					

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0905+204 C		9 5 34.72 20 27 6.2	9 8 25.45 20 14 56.4	19.47*			-1.00 (0.293)	Mg II 2798 Ne V 3426		737 573 737					737ubv
0905+151 O		9 5 37.60 15 7 24.0	9 8 23.63 14 55 14.2	19.4			3.157	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1440 1440					
0906+328 O	TON 1009 CSO 6	9 6 3 32 48 54	9 9 6.07 32 36 42.6	17			0.81	C III 1909 Mg II 2798		1370 1369					
0906+429 X	1E	9 6 10.6 42 54 41	9 9 26.58 42 42 28.9	18.16	.31	-.88	0.242	H I 4340 H I 4861 O III 4959 O III 5007		1269 1269					1269ubv, 1910sp
0906+198 C		9 6 13.44 19 53 57.5	9 9 3.62 19 41 45.8	17.99*	.60	-1.10	1.820	H I 1216 Si IV 1397 O IV 1402 C IV 1549		737 573 737					737ubv
0906+430 R X	3CR 216 4C 43.17 NRAO 317 OK 410 DA 262 VR43.09.01 LHE 244	9 6 17.28 43 5 59	9 9 33.52 42 53 46.5	18.48*	.49	-.60	0.67	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 O III 4959 O III 5007		014 137 323 787					014,063, 323ubv,323, 900,2103pol, 1280,1526, 1862vlbi, 1356x,1649mf, 158,295fc, 1852phot superluminial source,1890
0906-091 X		9 6 24.9 -9 6 39	9 8 51.25 -9 18 50.8	18.3	-.70		0.129			1314 1314					1207,1261imag
0906+167 C	LB 9388	9 6 28.68 16 47 36	9 9 16.10 16 35 23.6	17.2 *	-.20	-.50	1.07	C IV 1549 C III 1909 Mg II 2798		030 737					135ubv,853rnd
0906+546 R	4C 54.18	9 6 34.24 54 39 34.6	9 10 11.87 54 27 20.8	17.5			0.625	Mg II 2798 H I 4340		507 1288				534 1166	
0906+015 R X	PKS 4C 01.24 DA 263 OK 011	9 6 35.19 1 33 48.2	9 9 10.10 1 21 35.8	17.79*	.47	-.85	1.018	C III 1909 C II 2326 Mg II 2798 Ne V 3426		052 084 253 775					1399ir,900, 1201,1988, 2062pol, 1162rvar,761, 836,1304sp, 873,955,1980x, 749,1810pos, 836FeIIem, 1485ubv, 1526vlbi, 1789mm
0906+484 C	PG	9 6 45.25 48 25 55.8	9 10 10.07 48 13 41.7	16.06*	.40	-.91	0.118	O II 3727 H I 4340 H I 4861 O III 4959 O III 5007		017 017 1427					017,1451ubv, 704,1202pol, 1028,1382mm, 1214,1797elp, 1207,1261imag, 799,921,992, 1196,1617, 1729,2005, 2018,2029ir, 850,921rnd, 921phot,956sp, 1536ext, 1701uv, 1863irpol
0907-091 X		9 7 9.8 -9 6 5	9 9 36.18 -9 18 19.0	18.0	.10		0.253			1314 1314					
0907-023 R	PKS	9 7 13.11 -2 19 15.9	9 9 44.94 -2 31 30.2	18.56			0.957	C III 1909 C II 2326 Mg II 2798		026 436			789		1526vlbi, 1898pos

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0907+072	NGC 2775	9 7 40	9 10 19.43	18.8			1.442	C IV 1549		1065 1065					11.02 arcmin
C	U1	7 14 30	7 2 14.2					H $\alpha$ II 1640							from NGC 2775,
								O III 1663							2.02 arcmin
								N III 1750							from anon gal,
								C III 1909							2118
0907+381	UT	9 7 45.0	9 10 54.23	18			2.16	H I 1216		1437 1437					
R		38 11 30	37 59 13.4					C IV 1549							
								C III 1909							
0908+201	UT	9 8 43.1	9 11 33.33	18.0			1.61	H I 1216		1437 1437					
R		20 10 33	19 58 13.9					C IV 1549							
								C III 1909							
0910+392	B3	9 10 39.5	9 13 49.58	19.0			0.638	Mg II 2798		1990 2270					
R		39 14 36	39 2 10.8					Ne V 3426							
								O II 3727							
								NeIII 3869							
								H I 4102							
								H I 4340							
0910+564	PC	9 10 57.3	9 14 37.87	20.95			4.040+	O VI 1034		1726 1726					1726rmag,
O		56 25 49	56 13 22.2					H I 1216							2014sp,2014fc
								N V 1240							z=4.036
								Si II 1307							Ly alpha abs,
								O IV 1402							2014
								C IV 1549							
0911+053	4C 05.38	9 11 24.00	9 14 1.83	17.43	.17	-.95	0.303	Mg II 2798		124 121 506 775					121ubv,
R	OK 019	5 20 17.0	5 7 50.3					O III 4959							1884imag
								O III 5007							faint gals
															near,2118
0911+402	NGC 2782	9 11 34.9	9 14 46.14	19.0	-.10		0.936	C III 1909		1065 1065					1314x
C	U1	40 15 34	40 3 6.1					Mg II 2798		1314					8.8arcmin from
X								Mg V 2931							NGC 2782,
								Ne V 2974							3 arcmin from
															UGC 4872,1314,
															2118
0912+297	OK 222	9 12 53.50	9 15 52.41	16	*	.37	-.73			138 660 790					323,648ubv,
BL Lac	R B2	29 45 55.5	29 33 24.0							322 721 837					323pol,
										659 970 1367					1086rvar,1012,
										2054 1794					1141,1144ir,
															749pos,
															1389phot,
															009sp,1576mf,
															1526vlbi,
															1679uv,2112x,
															2259imag
0913+072		9 13 34.60	9 16 13.87	17.1			2.785*	O VI 1034	2.1460	1440 1872				1872	damped Ly
O		7 15 0.5	7 2 27.5					H I 1216	2.0637	1440				2228	alpha,2243;
								N V 1240	2.0440					2263	Ly limit abs,
									2.0002						2247
0913+391	B3	9 13 39.5	9 16 48.89	18.5			1.25	C III 1909		1990 2270					
R		39 7 2	38 54 28.1					Mg II 2798		1943					
0913+391	4C 38.28	9 13 39.55	9 16 48.94	20			1.269	Mg II 2798		1380 1943			1271		1380rmag
R		39 7 0.8	38 54 26.9												
0913-025	PKS	9 13 48.5	9 16 20.22	18.05			1.203	C IV 1549		026 436				789	
R	4C 02.38	-2 32 2	-2 44 35.6					C III 1909						1877	
0915-213	PKS	9 15 10.40	9 17 26.98	17.5			0.847	C III 1909		412 501				011	761,1304sp,
R		-21 18 56.3	-21 31 33.5					Mg II 2798		1898				2056	1526vlbi
								Ne V 3426							
0916+513	UB 3	9 16 31	9 19 58.65	16.5			0.553			948 948					21.4 arcmin
C		51 19 0	51 6 17.5												from NGC 2841,
															3.7 arcmin
															from UGC 4932,
															1650,2118;
															2152strong
															FeIIem
0917-070	H	9 17 0	9 19 28.35	17.34	.52	-.73	0.169			2177 2177					
X		-7 0 0	-7 12 42.6												

TABLE 1—Continued

		OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
			DEC (1950)		DEC (2000)								ID	Z	VAR	R	
0917+624	S4		9 17 40.3	9 21 36.22	19.5				1.44				510 2142			2286,2287rvar	
R			62 28 39	62 15 52.6									2142				
0917+449	S4		9 17 41.9	9 20 58.44	19				2.180	H I 1216			510 1443		1521	1526vlbi,	
R			44 54 39	44 41 53.4						C IV 1549					2162	1789mm	
0917+341			9 17 59.9	9 21 2.68	19.9				0.227				1455 1455			1455x,1616rnd	
X			34 6 31	33 53 44.9													
0918+511	NGC 2841		9 18 34.5	9 22 1.34	19.2				0.297				948 948			38.5 arcmin	
C	UB 5		51 11 18	50 58 29.7												from NGC 2841, 25 arcmin from UGC 4932,2118	
0918+511	NGC 2841		9 18 34.5	9 22 1.34	18.7				0.120				948 948			26.9 arcmin	
C	UB 2		51 11 18	50 58 29.7												from NGC 2841, 3.33 arcmin from UGC 4932, 2118	
0918+511	NGC 2841		9 18 34.5	9 22 1.34	18.5				2.028				948 948			21.4 arcmin	
C	UB 1		51 11 18	50 58 29.7												from NGC 2841, 6.78 arcmin from UGC 4932, 2118	
0918+381	B3		9 18 37.3	9 21 44.57	18.8				1.108	Mg II 2798			1990 2270				
R			38 6 40	37 53 52.0						Ne V 3426							
0919-260	PKS		9 19 16.67	9 21 29.33	18.41	.28	-.53	2.30	LYB 1026				011 501		011	761,1304sp,	
R	OK 232		-26 5 53.5	-26 18 42.3					O VI 1034						2056	1125ir,	
									H I 1216							1485ubv,	
									N V 1240							1526vlbi,	
									Si II 1263							1789mm,	
									Si IV 1397							1810pos,	
									O IV 1402							2103pol	
									C IV 1549								
									C III 1909								
0919+515			9 19 19.6	9 22 46.93	17.9	-.30			0.161				1265 1265			1265ubv,	
X			51 33 30	51 20 39.6												1209ext, 1910sp	
0919+218	4C 21.25		9 19 53.07	9 22 43.81	18.5				1.421	C IV 1549			033 032		462	831sp,	
R	VR21.09.02		21 49 33.5	21 36 42.3						C III 1909					774	1320rpol	
	OK 233														800		
	PKS														1111		
	B2														2092		
0920+580	SBS 2		9 20 0	9 23 41.51	17.5				1.376	C IV 1549			1285 1285				
O			58 0 0	57 47 7.4						C III 1909							
0920-397	PKS		9 20 48.22	9 22 46.41	18.8				0.591+	Mg II 2798			1876 1861		1861 1861		
R			-39 46 42.3	-39 59 35.0						H I 3889							
										He 3970							
										H I 4102							
										H I 4340							
										H I 4861							
										O III 4959							
										O III 5007							
0920+313	B2		9 20 48.45	9 23 47.93	18				0.892	C III 1909			100 009		389	790pos,113,	
R			31 20 49.2	31 7 55.3						Mg II 2798			100		790	138fc	
															1794		
															1888		
															2056		
0921+348	NGC 2859		9 21 31.7	9 24 34.80	19.2				0.23				643 643			873xnd	
C	U1		34 53 29	34 40 33.0												285 arcsec from Q0921+ 348;1.0 arcmin from anon gal, 0.006zgal,9.57 arcmin from NGC 2859,2118; x-ray object (below)	

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0921+344	NGC 2859		9 21 51.6	9 24 54.22	20.3					1.46			643	643				873xnd 1.22 arcmin from anon gal, 0.006zgal, 24 arcmin from NGC 2859,2118
C U3			34 29 45	34 16 48.1														
0921+348			9 21 52.0	9 24 55.00	18.6					0.487			1455	1455				1455x,1616rnd 9.93 arcmin from NGC 2859, 2118
X			34 51 11	34 38 14.1														
0921+348	NGC 2859		9 21 54.8	9 24 57.82	19.7					2.25			643	643				873xnd 13 min from Q0921+348; 1.1arcmin from anon gal,0.006 zgal, 22arcmin from NGC 2859, 2118; x-ray object(above)
C U2			34 52 49	34 39 52.0														
0922+149	PKS		9 22 22.41	9 25 7.32	17.38*	.54	-.52	0.896	C III 1909				047	102	506	462		047ubv, 1320rpol, 050fc 1902avg ph mag
R 4C 14.31			14 57 23.2	14 44 25.2					Ne IV 2424					085	1068	775		
OK 136									Mg II 2798					436	1902	789		
														437		1476 1804 1891		
0922+005	PKS		9 22 33.72	9 25 7.79	18.07	-.21	-.78	1.72	H I 1216				083	083		128		083ubv,1032, 1181sp, 1526vlbi, 1810pos
R OK 037			0 32 12.4	0 19 14.1					C IV 1549					436		789		
									C III 1909									
0923+201	PG		9 23 5.8	9 25 54.82	16.04				H I 4340				168	1117		2011		1487,1980, 2112x,1598sp, 1729,2005ir 129 arcmin from NGC 2903, 1650;3 compan gals,1788; 9 arcsec from anon gal,0.190 zgal,2118
C TON 1057			20 7 7	19 54 7.0					O III 5007									
X																		
0923+392	4C 39.25		9 23 55.30	9 27 3.00	17.86*	.06	-.31	0.699	C III 1909				139	102	1201	128		059ubv,1320, 2161rpol, 1336rvar,1028, 1789,1805mm, 1188sp,1280, 1526,1603, 1762,1862, 1952,1955vlbi, 1028,1201, 2103pol, 749pos,912, 1781x,1649mf, 033,304fc, 1617ir superluminal source,1717;
R DA 267			39 15 23.5	39 2 20.9					Mg II 2798					101	2054	462		
X OK 340									Ar IV 2854							774		
B2									Ne V 3426							800		
																801		
																848		
																898		
																988		
																993		
																1128		
																1145		
																1152		
																1212		
																1340		
																1543		
																1544		
																1557		
																1691		
																1721		
																1771		
																1804		
																1807		
																1930		
																2060		
																2070		
																2085		
0924+301			9 24 24.8	9 27 22.58	21				2.02 *				1.95	679	547		547	8.0arcmin from gal B2,2118
			30 7 18	29 54 14.2														

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
0925-203 R	PKS	9 25 33.48 -20 21 46.1	9 27 51.77 -20 34 52.3	16.4 *	.07	-.87	0.348	Mg II 2798 O II 3727 Ne III 3869 He 3970 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		011 500 1898	736 011 2056			736ubv, 761, 1304sp, 780, 886ir, 1222elp, 1526vlbi, 1700, 2145imag, 1789mm		
0926+117 R	4C 11.32 OK 142	9 26 1.06 11 47 32.4	9 28 43.35 11 34 24.6	19.06	.12	-.87	1.755	H I 1216 C IV 1549 He II 1640 O III 1663 C III 1909 Mg II 2798		124 121 2049 2281	506 462 789 1818 1891			121ubv, 1320rpel, 2049noabs		
0926+388 R	B3	9 26 34.5 38 49 12	9 29 41.18 38 36 2.2	18.5			1.630	C III 1909 C II 2326 Mg II 2798		1990 2270						
0927+218 O		9 27 10.5 21 51 42	9 30 0.61 21 38 30.9	19.6			2.50	H I 1216		1387 1387						
0927+362 R	3CR 220.2 4C 36.15 NRAO 322 OK 345.8 DA 268	9 27 29.95 36 14 36.9	9 30 33.55 36 1 24.7	19			1.157	C IV 1549 C III 1909 Mg II 2798		064 140		462 774 775 787 916 1804 1891 1996		1320rpel		
0927-257	M98.06	9 27 44.5 -25 47 5	9 29 58.38 -26 0 17.0	17.9			2.15			2277 2277						
0927+217 C	W3	9 27 53.07 21 42 31.7	9 30 42.98 21 29 18.7	19.4	.32	-1.05	2.00	C IV 1549 C III 1909		530 1387 1387 689				689ubv, 1818pos		
0928+312 R	B2	9 28 3.25 31 15 49	9 31 1.65 31 2 35.4	18.6			1.31	C IV 1549 C III 1909 Mg II 2798		138 404		790 1976				
0928+349 R		9 28 6.02 34 56 45.9	9 31 8.13 34 43 32.1	19.8			(0.926)			1446 1447						
0928+218 O		9 28 15.1 21 52 30	9 31 5.12 21 39 16.0	20.2			2.75	H I 1216		1387 1387						
0928+008 R	PKS	9 28 18.08 0 48 13.5	9 30 52.32 0 34 59.7	19.5			0.505	Mg II 2798 O III 4959 O III 5007		1300 1251		1251				
0928+348 R		9 28 50.84 34 52 36.5	9 31 52.76 34 39 20.7	20.3			2.304			1446 1447		2162				
0929+219 O		9 29 7.2 21 57 12	9 31 57.20 21 43 55.7	20.9			2.42	C IV 1549 C III 1909		1387 1387						
0929+214 O		9 29 17.7 21 28 24	9 32 7.29 21 15 7.3	20.1			1.69	C IV 1549 C III 1909		1387 1387						
0929+218 O		9 29 42.9 21 48 24	9 32 32.73 21 35 6.1	20.9			2.53	H I 1216		1387 1387				8.33 arcmin from NGC 2903, 2118		
0929+221 O		9 29 44.9 22 11 48	9 32 35.04 21 58 30.0	19.9			2.31	H I 1216		1387 1387						
0930+214 O		9 30 57.0 21 25 18	9 33 46.40 21 11 56.9	20.4			2.20	H I 1216		1387 1387						
0931+217 O		9 31 19.0 21 42 30	9 34 8.60 21 29 7.9	21.1			2.31	H I 1216		1387 1387						
0931-169	R02.37	9 31 19.8 -16 55 43	9 33 41.27 -17 9 4.6	17.37			0.32			2277 2277						

TABLE 1—*Continued*

OTHER NAMES		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
0931+437	US 737	9 31 50.7	9 35 2.45	16.32					0.456	Mg II 2798		995	1255			1260,1688imag, 1729,2005ir, 2137varnd, 2137Bmag faint gals near,2118
C	PG	43 44 36	43 31 12.1							H I 4340						
0931+485		9 31 52.0	9 35 10.66	17.17	.16	-.55	0.223					1124	1124			1124ubv
R		48 32 0	48 18 35.9													
0932+219	NGC 2916	9 32 7.8	9 34 57.50	19.1					0.732			948	948			12.43 arcmin from NGC 2916, 2118
C	UB 5	21 55 48	21 42 23.8													
0932+219	NGC 2916	9 32 7.8	9 34 57.50	19.3					1.868			948	948			9.77 arcmin from NGC 2916, 2118
C	UB 4	21 55 48	21 42 23.8													
0932+219	NGC 2916	9 32 7.8	9 34 57.50	18.2					1.279			948	948			20.57 arcmin from NGC 2916, 2118
C	UB 3	21 55 48	21 42 23.8													
0932+219	NGC 2916	9 32 7.8	9 34 57.50	17.6					0.793			948	948			6.17 arcmin from NGC 2916, 2118
C	UB 2	21 55 48	21 42 23.8													
0932+219	NGC 2916	9 32 7.8	9 34 57.50	19.2					0.238			948	948			3.6arcmin from NGC 2916,2118
C	UB 1	21 55 48	21 42 23.8													
0932+367	UT	9 32 28.6	9 35 31.93	18.5					2.84	O VI 1034		1437	1437			
R		36 46 42	36 33 16.6							H I 1216						
0932+501		9 32 30	9 35 51.05	17.39	.16	-.59	1.92	*	H I 1216 1.846			738	738		738	738,1124ubv,
O		50 6 42	49 53 16.2						N V 1240 1.815						1110	1187,2251sp,
									Si IV 1397 1.779						1187	1213rnd,1187,
									C IV 1549 1.76						2228	1208,1514BAL
									C III 1909 1.738							z(abs) 1.85- 1.74,738
0932+022	PKS	9 32 42.93	9 35 18.20	17.39	.13	-.45	0.659+		C III 1909			083	083		128	083ubv,1159,
R	4C 02.27	2 17 39.6	2 4 14.1						Mg II 2798				436		775	1526vlbi,
	OK 055														789	1320rpol
															1111	
															1476	
															1888	
0933+733		9 33 0	9 37 44.16	17					2.528*	LYB 1026 2.506		532	708		708	1122,2251sp
O		73 18 0	73 4 31.2							O VI 1034 2.333			532		2228	
										H I 1216					2263	
										N V 1240						
										O I 1304						
										C II 1335						
										Si IV 1397						
										O IV 1402						
										C IV 1549						
										O III 1663						
										C III 1909						
0934+546	SBS	9 34 46.4	9 38 15.19	18.0					0.100	O II 3727		2192	1285			
O		54 41 50.0	54 28 18.2							NeIII 3869						
										H I 3889						
										NeIII 3968						
										He 3970						
										H I 4102						
										H I 4340						
										H I 4861						
										O III 4959						
										O III 5007						
0934+452	US 784	9 34 56.4	9 38 9.53	17.82					1.544			995	1492			
C		45 17 52	45 4 20.1													
0935-199	J01.09	9 35 12.8	9 37 32.22	18.9					2.21			2277	2277			
		-19 58 48	-20 12 19.7													
0935+424	US 792	9 35 25.3	9 38 34.64	17.58					0.380	Mg II 2798		995	1255			2137Bmag, 2137varnd
C		42 28 31	42 14 57.9							H I 4102						
										H I 4340						
										H I 4861						



TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0935+501 O	SBS	9 35 36.0 50 9 0	9 38 56.24 49 55 26.3	19.5			1.321	C IV 1549 Ne IV 1602 N III 1750 C III 1909		2239 2237					
0935+417 C	PG	9 35 37.0 41 43 0.0	9 38 45.36 41 29 26.5	16.25			1.966			1260 2281					1218uv,1729, 2005ir faint gals near,2118
0935+430 C	US 795	9 35 47.3 43 2 4	9 38 57.26 42 48 30.0	18.83			2.044			995 1492					
0936+518 O	SBS	9 36 1.0 51 53 0	9 39 24.07 51 39 25.2	18			(0.608)	Mg II 2798		2239 2237					
0936+562 O	SBS	9 36 11.9 56 16 7	9 39 43.50 56 2 31.5	16.5			0.117	H I 1216		2192 1285					
0936+514 O	SBS	9 36 24.0 51 27 0	9 39 46.20 51 13 24.2	17.5			1.936+	H I 1216 N V 1240 SiIVb 1400 C IV 1549		2239 2237				2237	
0936+368 O	CSO 233	9 36 32.3 36 53 48	9 39 35.04 36 40 12.2	17			2.03	H I 1216 C IV 1549		1533 1533					
0936+396 C	PG	9 36 38.8 39 37 38.3	9 39 44.50 39 24 2.2	17.40			0.458			1260					1688imag 28.27 arcmin from 3C 223.1, faint gals near,2118
0936+553 O	SBS	9 36 54.0 55 23 0	9 40 23.48 55 9 22.8	19.5			1.880	H I 1216 SiIVb 1400 C IV 1549 C III 1909		2192 2240					
0937+118 X	1E	9 37 49.4 11 53 17.9	9 40 31.18 11 39 39.2	18.6			0.783	Mg II 2798		1416 1416					
0937+503 O	SBS	9 37 50.3 50 23 0	9 41 10.29 50 9 20.6	18.5			1.878	H I 1216 N V 1240 C II 1335 SiIVb 1400 C IV 1549 He II 1640 O III 1663 N III 1750 C III 1909		2239 2237					
0937+521 O	SBS	9 37 54.0 52 10 0	9 41 17.00 51 56 20.4	18			1.105	N III 1750 C III 1909 O II 2470 Mg II 2798		2239 2237					
0937+121 O		9 37 56.8 12 9 33	9 40 38.76 11 55 54.0	19.0			2.7	H I 1216		1439 1439					3.62 arcmin from NGC 2958, 2118
0937+391 R B2	4C 39.27 OK 362 B2	9 37 59.2 39 7 30.0	9 41 4.08 38 53 50.5	18			0.618	C II 2326 Mg II 2798		033 084 032			462 774 775 800 1167 1888 1891		831sp
0938+455 C	US 842	9 38 13.9 45 33 47	9 41 26.61 45 20 6.8	18.50			1.048			995 1492					
0938+117 O		9 38 13.9 11 45 32	9 40 55.57 11 31 52.3	19.9			2.30	H I 1216 C IV 1549		1439 1439					
0938+120 O		9 38 14.7 12 5 45	9 40 56.60 11 52 5.3	19.5			2.00	H I 1216 C IV 1549		1439 1439					2.73 arcmin from NGC 2958, 2118

TABLE 1—Continued

		OTHER NAMES	RA (1950)		RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
			DEC (1950)									ID	Z	VAR	R	
0938+450	US 844		9 38 16.9	9 41 28.87	18.7 *				(0.800)	Mg II 2798		995	1116	1116		
	C		45 1 24	44 47 43.7												
0938+120			9 38 23.9	9 41 5.80	20.2				2.4	H I 1216		1439	1439			6.63 arcmin
	O		12 5 58	11 52 17.9						C IV 1549						from NGC 2958, 2118
0938+119	MC 5		9 38 31.75	9 41 13.56	19				3.19 +	O VI 1034		141	141		1170 911	582,597,911,
	R		11 59 12.6	11 45 32.2						H I 1216			116		1818 2243	986sp,1092ir,
										O IV 1402			430		2162	696,912xnd,
										C IV 1549			458			1382mm,
										O III 1663						1526vlbi
0938+185	PKS		9 38 36.61	9 41 23.16	19.3				(0.943)	Mg II 2798		129	1251		1251	
	R		18 34 46.8	18 21 6.1												
0938+451	US 851		9 38 48.4	9 42 0.41	18.36				(0.444)			995	1492			
	C		45 8 40	44 54 58.3												
0938+117			9 38 50.8	9 41 32.41	18.6				2.2	H I 1216		1439	1439			
	O		11 42 54	11 29 12.8												
0938+496	SBS		9 38 54.0	9 42 12.43	19.5				1.201	O III 1663		2239	2237			
	O		49 36 0	49 22 18.0						C III 1909						
										Mg II 2798						
0939+121			9 39 14.5	9 41 56.37	19.0				1.80	H I 1216		1439	1439			
	O		12 7 24	11 53 41.8						C IV 1549						
0939+117			9 39 17.2	9 41 58.82	19.8				1.9	H I 1216		1439	1439			
	O		11 46 2	11 32 19.7												
0939+435	US 871		9 39 36.9	9 42 46.70	18.45				1.547			995	1492			
	C		43 35 19	43 21 35.4												
0940+460	US 889		9 40 36.1	9 43 48.85	18.11				1.495			995	1492			
	C		46 1 22	45 47 35.9												
0941+441	US 905		9 41 20.7	9 44 30.80	18.17				0.579			995	1492			
	C		44 8 10	43 54 22.1												
0941-200	MC		9 41 30.18	9 43 50.06	18.2				0.715	Mg II 2798		1445	1445			9.67 arcmin
	R		-20 5 44.4	-20 19 31.9						H I 4861						from NGC 2983, 2118
										O III 4959						
										O III 5007						
0941+522	OK 568		9 41 30.24	9 44 52.32	18.6				0.565+	Mg II 2798		507	1288		1521 1288	
	R		52 16 24.1	52 2 35.6												
0941+261	OK 270		9 41 50.22	9 44 42.30	18.7				2.913*	O VI 1034 2.9146	009 1874			1818 986		986,1685sp,
	R B2		26 8 32.0	25 54 43.2						H I 1216 1.4236	009			1891 1874		1092ir,
										N V 1240 1.0907	2049				2049	2266imag
										Si IV 1397 0.8545	2281				2228	2236sp of fuzz
										O IV 1402 0.7113					2263	
										C IV 1549						
										C III 1909						
0942+443	US 922		9 42 18.7	9 45 28.88	18.99				1.783			995	1492			
	C		44 23 2	44 9 11.7												
0942+564	SBS		9 42 42.0	9 46 11.56	18.5				1.368	C IV 1549		2192	2240			
	O		56 24 0	56 10 8.4						C III 1909						
0943+527	SBS		9 43 0	9 46 22.44	19.5				1.583	C IV 1549		2239	2237			
	O		52 45 0	52 31 7.8						N III 1750						
										C III 1909						
0943+511	SBS		9 43 0.0	9 46 19.79	18.5				0.505	Ne IV 2424		2239	2237			
	O		51 11 0	50 57 7.9						Mg II 2798						
										O III 3133						
0943+451	US 946		9 43 29.6	9 46 40.43	18.63				1.916			995	1492			
	C		45 6 39	44 52 45.8												
0943+329	CSO 18		9 43 42	9 46 39.62	17				1.30	C IV 1549		1370	1369			
	O		32 54 0	32 40 6.5						C III 1909						

TABLE 1—Continued

		OTHER	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION	Z(ABS)	REFERENCES				NOTES	
		NAMES	DEC (1950)			DEC (2000)							LINES		ID	Z	VAR	R	ABS	
0943+498	SBS		9 43 42.0	9 46 59.41	19.5							1.810+	Si IVb 1400		2239	2237				
	O		49 49 0	49 35 6.2									C IV 1549							
													O III 1663							
													N III 1750							
													C III 1909							
0944+440	US 969		9 44 26.7	9 47 36.02	18.48							1.695			995	1492				
	C		44 5 45	43 51 49.5																
0944+540	SBS 3		9 44 30	9 47 54.30	17.0							0.492	Mg II 2798		1285	1285				
	O		54 3 0	53 49 4.1									Ne III 3869			2240				
0945+114	MC 5		9 45 4.76	9 47 45.89	18							1.76	H I 1216		027		1818		1818pos	
	R		11 27 51.0	11 13 54.5									Si IV 1397							
													O IV 1402							
													C IV 1549							
													C III 1909							
0945+436	US 987		9 45 27.4	9 48 35.90	17.78							1.892	H I 1216		995	1255			2137Bmag,	
	C		43 37 0	43 23 2.1									Si IV 1397			1492			2137varnd	
													O IV 1402							
													C IV 1549							
													C III 1909							
0945+549	SBS		9 45 41.6	9 49 7.26	18							1.369	C IV 1549		2192	2240				
	O		54 59 10	54 45 11.2									C III 1909							
0945+408	4C 40.24		9 45 50.05	9 48 55.31	17.5							1.252	C IV 1549		110	009	534		865pos,1003sp,	
	R		40 53 42.8	40 39 44.1									C III 1909			509	945		1280,1526,	
		VR40.09.02											Mg II 2798				988		1862vlbi	
		OK 476															1152			
																	1338			
																	1557			
																	1792			
0945+438	US 995		9 45 50.8	9 48 59.46	16.34							0.226	H I 4340		995	1255			2137Bmag,	
	C		43 49 19	43 35 20.2									H I 4861			1492			2137varnd	
													O III 4959							
													O III 5007							
0945-321	PKS		9 45 58.90	9 48 9.52	18.3							2.14	H I 1216		1861	1861	1861		ref 420	
	R		-32 9 48.2	-32 23 46.5									N V 1240						incorrect id,	
													C IV 1549						1861	
0946+501	SBS		9 46 12.0	9 49 29.20	19							1.223	C IV 1549		2239	2237				
	O		50 9 0	49 55 0.2									C III 1909							
													Mg II 2798							
0946-197	MC		9 46 45.24	9 49 5.86	17.5							0.519	Mg II 2798		1445	1445			1445FeIIem	
	R		-19 43 10.4	-19 57 10.7									H I 4102							
													H I 4340							
													H I 4861							
0946+301	PG		9 46 46.3	9 49 41.06	16.00							1.216*	C IV 1549		1117	1117			1598,2251sp,	
	C	CSO 19	30 9 19	29 55 18.2									C III 1909		1370	1369			1729,2005ir,	
													Mg II 2798						1688imag,1941,	
																			2061uv,2112x,	
																			1331BAL	
																			faint gals	
																			near,2118	
0947+496	SBS		9 47 0.0	9 50 16.14	18.5							1.342+	C IV 1549		2239	2237				
	O		49 36 0	49 21 58.3									He II 1640							
													N III 1750							
													C III 1909							
0947+433	US 1016		9 47 7.1	9 50 14.94	18.9 *							0.363	Mg II 2798		995	1116	1116			
	C		43 23 8	43 9 6.2									H I 4340			1492				
													H I 4861							
0947+458	US 1023		9 47 30.1	9 50 40.86	17.41							1.038	C III 1909		995	1255			2137Bmag,	
	C		45 49 15	45 35 12.2									Mg II 2798			1492			2137varnd	
0947+482			9 47 32.0	9 50 46.03	17.65							1.737			1124	1124			1124ubv	
			48 15 0	48 0 57.1																

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0947+396 C R	PG K 347-45	9 47 44.8 39 40 54	9 50 48.35 39 26 50.8	16.40			0.206	O III 4959 O III 5007		1117 1117			2011		1260imag, 1598sp,1729, 2005ir,2112x compan gal, 1788; 8 arcsec from anon gal, 0.207zgal,2118
0947+306 O	CSO 21	9 47 50.7 30 39 42	9 50 45.73 30 25 38.7	17			1.19	C IV 1549 C III 1909 Mg II 2798		1370 1369					
0947+507 O	SBS	9 47 54.0 50 45 0	9 51 11.63 50 30 56.2	19			2.130	H I 1216 N V 1240 SiIVb 1400 C IV 1549 N III 1750 C III 1909		2239 2237					
0948+722		9 48 0.0 72 12 0	9 52 24.57 71 57 54.6				0.529			1122					
0948+518		9 48 5.0 51 51 0	9 51 24.32 51 36 55.7	19.32			1.377	C IV 1549 C III 1909		1124 1070					
0948+421 C	US 1041	9 48 25.9 42 6 15	9 51 31.95 41 52 10.1	18.6 *			(0.835)	Mg II 2798		995 1116 1116					
0949+510 O	SBS	9 49 12.0 51 3 0	9 52 29.70 50 48 53.1	18			1.546	H I 1216 N V 1240 SiIVb 1400 C IV 1549 N III 1750 C III 1909		2239 2237					
0949+444 C	US 1053	9 49 15.1 44 25 42	9 52 23.69 44 11 35.2	18.25			0.617			995 1492					
0949+363 R	UT	9 49 26.6 36 20 16	9 52 26.47 36 6 8.8	18.5			2.05	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1437 1437					
0949+507 O	SBS	9 49 42.0 50 43 0	9 52 59.04 50 28 52.0	19			0.408	Mg II 2798 H I 4340 H I 4861		2239 2237					
0950+080 X	1E	9 50 12 8 4 0	9 52 50.71 7 49 51.4	17.69			1.45			1696 1696					1.72 arcmin from UGC 5340, 0.023zgal,14.8 vgal,1696,2118
0950+565 O	SBS	9 50 48.0 56 30 0	9 54 14.79 56 15 49.2	19.5			2.089	H I 1216 O I 1304 SiIVb 1400 C IV 1549 He II 1640 C III 1909		2192 2240					
0951+699 C	NGC 3034 M82 4	9 51 41 69 54 54	9 55 49.74 69 40 40.4	20.2			0.85			1065 1065					9.6arcmin from NGC 3034,2118
0952+516 O	SBS	9 52 0.0 51 36 0	9 55 17.71 51 21 46.6	19			1.184	C III 1909 Mg II 2798		2239 2237					
0952+179 R OK 186 PKS	AO VR17.09.04 OK 186 PKS	9 52 11.83 17 57 44.9	9 54 56.85 17 43 31.6	17.23	.08	-.74	1.478*	C IV 1549 He II 1640 O III 1663 C III 1909	0.2377 0.0001	142 054 005 2281			128 560 1635 2228 2263	059ubv,749pos, 761,2251sp, 1526vlbi, 2080imag faint gals near,2118	
0952+097 R	4C 09.35 OK 085	9 52 17.16 9 44 8.8	9 54 56.84 9 29 55.4	17.24*	.06	-.79	0.298	Ne V 3426 O II 3727 NeIII 3869 O III 4363 O III 4959 O III 5007		124 121 084	506 775 789 1111 1152			121ubv	

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES		Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
0952+441	US 1101		9 52 20.9 44 11 49	9 55 28.47 43 57 35.0	17.28					0.465	Mg II 2798		995 1255				2137Bmag, 2137varnd	
0952+457	US 1107		9 52 30.4 45 46 31	9 55 39.84 45 32 16.6	16.76					0.259	H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		995 1255				2137Bmag, 2137varnd	
0952+338	CSO 239		9 52 40.9 33 49 30	9 55 37.91 33 35 15.4	17					2.500+	H I 1216 C IV 1549 C III 1909		1533 1992			1992	1992Bmag	
0952+357	4C 35.21		9 52 49.3 35 47 37.7	9 55 48.05 35 33 22.8	18.5					1.241	C IV 1549 C III 1909		033 032			462 774 800	222fc,831sp, 1384ir	
0952+698	HOAG 1		9 52 52.2 69 53 6	9 56 59.99 69 38 49.7	20					2.053	H I 1216 C IV 1549 C III 1909		563 1837 563				6.4arcmin from NGC 3034,2118	
0953+698	HOAG 2		9 53 15.1 69 52 38	9 57 22.59 69 38 20.9	21					2.058	H I 1216 C IV 1549 C III 1909		563 1837 563				8.6arcmin from NGC 3034,2118	
0953+556	SBS 4		9 53 18 55 36 0	9 56 42.13 55 21 43.6	18					1.410	C IV 1549 C III 1909		1285 1285					
0953+698	HOAG 3		9 53 21.4 69 50 34	9 57 28.65 69 36 16.6	21					2.033	H I 1216 C IV 1549 C III 1909		563 1837 563				9.6arcmin from NGC 3034,2118	
0953+555	SBS		9 53 21.8 55 35 17	9 56 45.88 55 21 0.4	18.0					1.405	C IV 1549 C III 1909		2192 2240					
0953+540	SBS		9 53 35.2 54 4 41	9 56 56.48 53 50 24.0	18.0					(0.605)	Mg II 2798		2195 2240					
0953+549	SBS 6		9 53 48 54 54 0	9 57 10.66 54 39 42.5	17.5					2.584*	LYB 1026 O VI 1034 H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 C IV 1549	2.5033 2.4514	1285 2189 1285			1285 2251sp, 1832 2174varnd 2189 2263		
0953+414	PG C K 348 7 R		9 53 48.3 41 29 58	9 56 52.51 41 15 40.8	14.5					0.239	LYB 1026 O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 Mg II 2798 H I 4340 H I 4861 O III 4959 O III 5007		772 1598 772		2011	1617,1729, 2005ir, 1362ext,2112x, 772uv compan gal, 1788; faint gals near,2118		
0953+549	SBS O		9 53 52.0 54 54 35	9 57 14.66 54 40 17.3	17.5					2.580	OVIb1 1030 H I 1216 N V 1240 Si II 1263 O I 1304 SiIVb 1400 C IV 1549 N III 1750		2195 2240					
0953+254	OK 290 R VR25.09.08 X B GC		9 53 59.75 25 29 33.5	9 56 49.89 25 15 16.0	17.13*	.25	-.53	0.712	C II 2326 Mg II 2798 O III 3133			096 084	150 775 253 816 305 955 756 1888 875 2085 1068 1902			305ubv,1201, 2103pol,936, 1336rvar, 749pos,955x, 1526vlbi 1902avg ph mag		

TABLE 1—Continued

	OTHER NAMES	RA (1950)	RA (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES	
		DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
0954+556	PKS R 4C 55.17 DA 278 OK 591	9 54 14.9 55 37 17.7	9 57 38.73 55 22 59.1	17.7			(0.909)	C III 1909 Mg II 2798	110	163 538		534 534 945 988 993 1557	1280,1526vlbi, 865pos, 2103pol		
0954+495	E X SBS	9 54 19 49 32 7	9 57 32.93 49 17 48.4	19.2			1.687	C IV 1549 He II 1640 N III 1750 C III 1909	1417	1417 2237			1417x		
0954+504	SBS O	9 54 48.0 50 24 0	9 58 3.03 50 9 40.3	19			0.882	C III 1909 Mg II 2798	2239	2237					
0954+502	SBS O	9 54 48.0 50 14 0	9 58 2.79 49 59 40.3	19			1.316	C IV 1549 C III 1909 Mg II 2798	2239	2237					
0954+503	SBS O	9 54 54.0 50 21 0	9 58 8.93 50 6 40.1	19.5			1.589	C IV 1549 He II 1640 C III 1909	2239	2237					
0954+658	S4 BL Lac R	9 54 58.61 65 48 12.4	9 58 47.99 65 33 51.7	16.7 *					507	2133	534 988 1152 1544 1807	538,1288sp, 1280,1526vlbi, 1649mf, 1805mmvar, 2046pol,2112x, 2133rvar (0.368)zgal, 1540; IRAS source,1806;			
0955+387	B3 R	9 55 1.0 38 44 24	9 58 2.13 38 30 4.1	20.0			1.405	C III 1909 Mg II 2798	1990	2270 1943					
0955+476	OK 492 R	9 55 8.5 47 39 32	9 58 19.64 47 25 11.6	18			1.873	H I 1216 Si IV 1397 C IV 1549 C III 1909	458	458 342	1145		1526vlbi		
0955+560	SBS O	9 55 12.0 56 4 0	9 58 36.32 55 49 39.3	18.0			1.021	C III 1909 Mg II 2798	2195	2240					
0955+259	X	9 55 20.6 25 55 23	9 58 10.89 25 41 2.5	17.9	-.30		0.194		1314	1314					
0955+326	TON 469 R 3C 232 X 4C 32.33 NRAO 342 OK 393 B2 DA 279	9 55 25.44 32 38 23.0	9 58 20.99 32 24 2.3	15.78*	.10	-.68	0.533*	C II 2326 MgVII 2632 Mg II 2798 Ar IV 2869 Mg V 2931 O III 3133 O II 3727 NeIII 3869 H I 4340 H I 4861	0.5132 0.0047 0.0000	144	005 133 485	212 247 248 290 920 1068 1142 1895 2054	128 462 774 790 1790 1937 2060	485 560 2148 2228 2263	003,007,322, 1451ubv,004, 704,1202pol, 1015,1355, 1693,1941, 2061uv,1183x, 776,958,1032, 1188,1467, 2081sp,799ir, 749pos, 958FeIIem, 1526vlbi,1575, 1942uvvar,033, 113,295,306, 1478fc, 550absr, 1789mm, 2174varnd 1.9arcmin from NGC 3067,849, 1973,2079,2118 2148,2248; faint gals near,2118
0955+472	PC O	9 55 35.0 47 17 48	9 58 45.56 47 3 26.7	17.76			2.482	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909 Mg II 2798	1546	1546					

TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
0956+122 O		9 56 11.22 12 17 5.5	9 58 52.31 12 2 43.2	17.5			3.306*	H I 1216 Si IV 1397 O IV 1402 C IV 1549	3.2230 2.9145	1440 1685 1440 1874 2281				1685 1874 2228 2243 2263	Ly limit abs, z=3.096,1874, 2125,2247
0956+225 X	E	9 56 22.0 22 32 32	9 59 9.77 22 18 9.3	18.7			0.485			1417 1417					1417x
0956-207	J02.11	9 56 47.5 -20 43 22	9 59 8.34 -20 57 45.4	18.00			1.90			2277 2277					
0956-073 X	1E	9 56 52 -7 21 6	9 59 21.31 -7 35 29.6	16.5			0.327	H I 4340 H I 4861 O III 5007 H I 6563		1224 1224					1224x 87.6 arcmin from NGC 3115, 1650,2118
0957-055 O		9 57 3.3 -5 35 28	9 59 33.67 -5 49 52.1	18.0	.60		1.810+			1799 1799				1799	1799BAL 50.67 arcmin from A1008-04, 1799,2118
0957+558 C	NGC 3073 UB 4	9 57 28.8 55 51 39	10 0 51.89 55 37 13.2	17.4			1.154			948 948					15.55 arcmin from NGC 3073, 3.32 arcmin from NGC 3079, 2118
0957+558 C	NGC 3073 UB 2	9 57 28.8 55 51 39	10 0 51.89 55 37 13.2	17.3			2.091			948 948					11.55 arcmin from NGC 3073, 17.95 arcmin from NGC 3079, 2118
0957+558 C	NGC 3073 UB 1	9 57 28.8 55 51 39	10 0 51.89 55 37 13.2	18.8			1.53			948 948					3.17 arcmin from NGC 3073, 12.08 arcmin from NGC 3079, 2118
0957+227 BL Lac R	4C 22.25 PKS OK 296 GC	9 57 33.9 22 47 47	10 0 21.72 22 33 21.6	18	.30	-.66				033			1086 1171 1323		323ubv,323pol, 1026ext,1207, 1261imag, 032sp,2112x
0957+003 R	PKS 4C 00.34 OK 096	9 57 43.84 0 19 50.0	10 0 17.72 0 5 24.4	17.03*	.47	-.71	0.907*	C III 1909 O III 2321 MgVII 2632 Mg II 2798 Ne V 3426 O II 3727	0.6720	047 102 875 775 1510 1898 085 1068 789 2228 437 1902 1111 2263					047ubv, 1201pol, 1320rpol, 1526vlbi,050, 295fc 1902avg ph mag
0957+537 O	SBS	9 57 48.0 53 45 0	10 1 7.28 53 30 33.6	17.5			1.348	C IV 1549 He II 1640 C III 1909		2195 2240					
0957+557 O	SBS 7	9 57 54 55 42 0	10 1 16.64 55 27 33.3	17.5			2.100	H I 1216 N V 1240 Si IV 1397 C IV 1549		1285 1285 2192 2240					2174varnd, 2251sp
0957+561 R	A	9 57 57.3 56 8 22.6	10 1 20.73 55 53 55.8	17.25*			1.413*	Si IV 1397 O IV 1402 Si II 1531 C IV 1549 He II 1640 C III 1909 Mg II 2798	1.3911 1.1249	537 537 947 770 537 2281 962 811 836 1006 814 844 1126 864 953 1458 889 1969 1607 890 2228 2164 894 2263 2174 902					877pol,987, 1190phot,740, 836,844,874sp, 835,839,1617, 2076ir,749pos, 832absr,840, 953,1606uv, 741fc, 1934vlbi grav lens, 537,2295;14.7 arcmin from NGC 3079,1650, 2118; 1902avg Bmag

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC	(1950)		DEC	(2000)									Z	VAR	R	ABS	
0957+561 R	B	9 57 57.43 56 8 16.9	10 1 20.85 55 53 50.1	17.35*			1.415*	Si IV 1397 O IV 1402 Si II 1531 C IV 1549 He II 1640 C III 1909 Mg II 2798	1.3911 1.1249	537	537 947 2281 962 1006 814 1126 864 1458 889 1607 890 1902 894 2164 902 2174 1167 1257 1363 1364					987,1190phot, 740,836,844, 874sp,835,839, 1617,2076ir, 749pos, 832absr,840, 953,1606uv, 741fc,877pol, 1934vlbi grav lens,537; 1902avg Bmag			
0958+731		9 58 0 73 8 0	10 2 22.90 72 53 32.0	17.0			2.067*	H I 1216 N V 1240 O I 1304 Si IV 1397 C IV 1549 O III 1663	1.836	708				708 2228 2263	1122sp				
0958-042		9 58 1.5 -4 13 8	10 0 32.71 -4 27 34.2	18.1	.30	0.497				1799 1799					42.83 arcmin from A1008-04, 1799,2118				
0958+551 C	MKN 132	9 58 8.05 55 9 5.8	10 1 29.62 54 54 38.6	16	.25	-.84	1.760*	H I 1216 N V 1240 Si II 1263 C II 1335 Si IV 1397 O IV 1402 C IV 1549 1.2102 1.2065 0.2413	1.7330 1.7310 1.3771 1.3563 1.2768 1.2726 1.2142	146 1872 145 2281			145 147 560 592 1635 1872 1873 1969 2228 2263	148ubv,704, 1202pol,799, 1617ir,474, 592,2251sp, 1513elp, 1941uv 45 arcmin from NGC 3079,2118					
0959+105 R	MC 5	9 59 17.86 10 30 19.0	10 1 57.71 10 15 49.9	17.5			1.535	Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909		1635 027		1818 560 1635	1818pos						
0959-075 O		9 59 18.7 -7 31 51	10 1 47.98 -7 46 20.0	17.8	.10	1.559				1799 1799				36.67 arcmin from NGC 3115, 1799,2118					
0959-028 O		9 59 19.6 -2 52 6	10 1 51.62 -3 6 35.1	18.7	.50	1.816				1799 1799				45.17 arcmin from A1008-04, 1799,2118					
0959-443 R X	PKS	9 59 58.91 -44 23 25.1	10 2 0.07 -44 37 55.2	15.9			0.837	C III 1909 Mg II 2798		1304 410 501		103 2056	761sp,103fc, 1183x						
1000-037 O		10 0 4.8 -3 44 22	10 2 36.32 -3 58 52.7	17.6	.70	0.143				1799 1799				36.17 arcmin from A1008-04, 1799,2118					
1000-032 O		10 0 47.0 -3 13 6	10 3 18.83 -3 27 38.2	19.4	.60	0.526				1799 1799				37 arcmin from A1008-04,1799, 2118					
1001+291 C PG	TON 28	10 1 9 29 9 50	10 4 0.94 28 55 16.8	15.5	.12	-.90	0.329	Mg II 2798 H I 4340 H I 4861		144 476 1598			685ubv,877pol, 1700imag 29.9 arcmin from 3C 234, 2118						
1001-033 O		10 1 39.7 -3 22 8	10 4 11.46 -3 36 42.1	19.8	.30	0.458				1799 1799				34.5 arcmin from A1008-04, 1799,2118					



TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
										Z	VAR	R	ABS	
1001+054 C	PG 10 1 43.3 5 27 34.8	10 4 20.10 5 13 0.5	16.38	.31	-.86	0.161	O II 3727 H I 4340 H I 4861 O III 4959 O III 5007		017	017		2011		017,1451ubv, 704,1202pol, 1028,1382mm, 780,799,921, 992,1617,1729, 2005,2018ir, 831,1117, 1598sp,850, 853,921rnd, 921phot, 1863irpol, 2112x
1001+226 R OL 205 PKS B2	4C 22.26 22 39 53.6	10 4 45.79 22 25 18.7	18			0.974	C III 1909 Mg II 2798		033	032		462 774 800		831sp,686fc
1002-248 O	10 2 28.2 -24 53 19	10 4 46.80 -25 7 54.7	17.7	.20		2.437			1799	1799				38.5 arcmin from NGC 3109, 1799,2118
1003-240 O	M00.02 10 3 13.59 -24 2 21.0	10 5 32.86 -24 16 58.3	17.5			0.154			2193	2194				
1003-026 O	10 3 37.8 -2 36 57	10 6 10.02 -2 51 35.3	18.2	.20		2.871			1799	1799				35.67 arcmin from A1008-04, 1799,2118
1004-217 R X	PKS 10 4 25.4 -21 44 44	10 6 46.32 -21 59 23.8	16.89	.16	-.83	0.331	Mg II 2798 NeIII 3869 NeIII 3968 H I 4102 H I 4340 H I 4861 O III 5007		433	432		432 2056		761,1304sp, 780ir,1485ubv, 1686x,1700, 2145imag
1004-018 R	PKS 10 4 31.72 -1 52 30.8	10 7 4.36 -2 7 11.0	19.17	.32	-1.14	1.212	C IV 1549 C III 1909		026	436 748		351		436ubv,1181sp, 1526vlbi, 1810pos
1004-256 O	10 4 32.8 -25 41 17	10 6 51.10 -25 55 57.1	18.2	.30		1.876			1799	1799				29.83 arcmin from NGC 3109, 1799,2118
1004+130 R X OL 107.7 PG MC	PKS 4C 13.41 13 3 37.1 OL 107.7 PG MC	10 7 26.12 12 48 56.4	14.72*	.13	-.82	0.241	Mg II 2798 H I 4861 O III 4959 O III 5007		052	051 083 334 436 1260	051 080 252 254 258	462 775 789 1167 1170		083ubv,704, 1202pol, 1018phot, 1320rpol, 1028mm,696, 1183,2112x, 1210,1941uv, 1222,1797, 1947elp,334, 1117,1598sp, 912xnd,780, 799,1530,1729, 2005ir,749pos, 1700,1884imag, 1942uvvar 0.6 and 0.75 arcmin from anon gals, 33.6 arcmin from LeoI,1650 faint gals near,2118; 1902avg ph mag
1004+141 R GC	OL 108.1 PKS 14 11 11.3	10 7 41.54 13 56 30.1	19			2.707*	O VI 1034 H I 1216 Si IV 1397 O IV 1402 C IV 1549		149	009 501		010 986		761,986, 1304sp,1092ir, 1320rpol, 010fc, 1526vlbi Ly limit abs, 2247

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)			DEC (2000)									ID	Z	VAR	R	ABS	
1006-023 O		10 6 17.8 -2 23 38	10 8 50.17 -2 38 21.8	18.6	.30	0.687		1799	1799									34.5 arcmin from A1008-04, 1799,2118	
1006+817 X	E	10 6 37.0 81 45 22	10 12 41.01 81 30 34.1	16.1		0.630		1417	1417									1417x	
1006-050 O		10 6 56.1 -5 3 41	10 9 27.01 -5 18 26.1	18.8	.10	1.169		1799	1799									12.5 arcmin from A1008-04, 1799,2118	
1007+307 O	CSO 34	10 7 3.5 30 42 36	10 9 55.71 30 27 50.4	17		0.82	C III 1909 Mg II 2798	1370	1369										
1007+303 C	TON 488 CSO 35	10 7 9.0 30 18 24	10 10 0.91 30 3 38.2	17		0.26	Mg II 2798 H I 4861	1370	1369										
1007+417 R	4C 41.21 GC	10 7 26.13 41 47 24.4	10 10 27.57 41 32 37.9	16.5		(0.611)	Mg II 2798	507	538							534 1145 1166 1584 1804 1996		877pol, 1526vlbi, 1688imag	
1007-174	J02.03	10 7 27.8 -17 25 34	10 9 51.69 -17 40 20.2	18.08		2.60		2277	2277										
1008-055 O		10 8 6.6 -5 35 12	10 10 37.25 -5 49 59.5	18.3	.20	2.109		1799	1799									19.33 arcmin from A1008-04, 1799,2118	
1008+009 O		10 8 10.22 0 58 18.7	10 10 44.43 0 43 31.0	16.5		0.18		2183	2183									2183B(J)mag	
1008+133 C	PG	10 8 30.0 13 19 2	10 11 10.99 13 4 13.6	16.24		1.287		1117	1450									1352spvar, 1598sp, 1688imag,1729, 2005ir,2112x 60.4 arcmin from LeoI, 1650; faint gals near,2118	
1008+348 X	1E	10 8 54.9 34 52 46	10 11 49.99 34 37 56.6	17.62	.82 -.83	0.144	O II 3727 H I 4340 H I 4861 O III 4959 O III 5007	1269	1269									1269phot, 1910sp	
1009+299 C	CSO 38	10 9 4.6 29 56 48	10 11 55.96 29 41 58.3	16		2.62 +	H I 1216 C IV 1549	1370	1992							1992		1992Bmag	
1009+023 O		10 9 13.98 2 22 20.8	10 11 48.94 2 7 31.0	18.6		1.349+		2183	2183									2183B(J)mag, 2183BAL	
1009+334 R	UT	10 9 17.5 33 24 18	10 12 11.37 33 9 27.9	17.5		2.26	H I 1216 C IV 1549	1437	1437										
1009-321 R	PKS	10 9 41.8 -32 8 45	10 11 56.21 -32 23 35.6	18.1		1.757	C IV 1549 O III 1663 C III 1909 C II 2326 Mg II 2798	421 1304 1876 418								384 418 2056		761,1304sp	
1009-028 O		10 9 43.58 -2 52 11.6	10 12 15.73 -3 7 2.4	17.6		2.745		2183	2183									2183B(J)mag	
1010+023 O		10 10 37.19 2 19 7.8	10 13 12.11 2 4 15.2	17.7		0.222		2183	2183									2183B(J)mag	
1010-009 O		10 10 43.96 -0 56 4.0	10 13 17.15 -1 10 56.8	18.3		0.201		2183	2183 LBQS									2183B(J)mag	
1010+350 R	B2 OL 318 GV 076 GC	10 10 54.75 35 0 44.1	10 13 49.58 34 45 50.7	19.8 *		1.414	Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798	150 009 1446 748 1447 2060	150 1297 756 1521									831,1181sp, 1526vlbi,113, 443fc	

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1010-072 O			10 10 56.1 -7 14 28	10 13 25.94 -7 29 21.2	17.8	.10				0.640			1799	1799				47.17 arcmin from A1008-04, 1799,2118
1011+091 O			10 11 3.32 9 6 20.6	10 13 41.85 8 51 27.1	17.8					2.268*	N V C IV	1240 1.4923 1549 1.04	1227 1479 1227				1078 1227 1213rnd,1208, 1293 1227BAL 2228 2263	
1011+250 C B2 X GC R		TON 490	10 11 5.65 25 4 11	10 13 53.45 24 49 17.3	15.4 *	.25 -1.05				1.636*	H I N V Si IV O IV C IV He II O III C III Mg II	1216 1.5996 1240 1.4569 1397 0.2584 1402 0.0002 1549 1640 1663 1909 2798	144 151 1201 009 327 458 582 2281	151 1201 853 560 921 1000 1586 1242 1502 1635 1747 2228 2263	850 327 853 560 921 1000 1586 1242 1502 1635 1747 2228 2263	704,1202pol, 1337,1451ubv, 873,1183x,582, 831,1000, 1242sp,886, 921,992, 1983ir, 921phot,950, 1789mm,149fc, 1513elp,1628, 1941uv, 1942uvvar, 2080imag, 2174varnd faint gals near,2118		
1011-282 R OL 219 X		PKS	10 11 12.2 -28 16 31.9	10 13 29.60 -28 31 25.5	16.88	-.08 -.83				0.253	H I H I O III O III H I	4340 4861 4959 5007 6563	078 432			1171 2056		780ir,1109sp, 1222,1329elp, 1320rpol, 1485ubv,1195, 1686,1980x 1207,1261, 1700,1884 imag/ext; faint gals near,2118
1011-017 O			10 11 41.30 -1 44 23.2	10 14 14.08 -1 59 17.9	17.9					2.236			2183	2183				2183B(J)mag
1011+280 R		4C 28.25 B2	10 11 46.07 28 3 58.3	10 14 35.75 27 49 3.3	18.6					(0.899*	C III Mg II	1909 0.8895 2798	033 032				462 032 774 551 790 2228 800 2263 816 1476 1790	831sp, 1108absr,138, 222fc
1011+034 X		1E	10 11 50.2 3 29 24	10 14 25.72 3 14 29.0	17.72	.83 .12				0.313	O II H I O III O III	3727 4861 4959 5007	1269 1269					1269ubv,1269x, 1910sp
1011-019 O			10 11 54.04 -1 57 33.8	10 14 26.70 -2 12 28.9	18.1					1.378			2183	2183				2183B(J)mag
1011+496 BL Lac R			10 11 55.29 49 40 57.2	10 15 4.16 49 26 1.6	16.15	.41 -.68							1558			1559 2060		1559fc,1558, 1865phot, 1558pol, 1558sp,2112x
1011+010 O			10 11 56.69 1 2 49.2	10 14 30.93 0 47 54.0	18.6					0.15			2183	2183				2183B(J)mag
1012+232 R PKS OL 220		4C 23.24	10 12 0.50 23 16 11.4	10 14 47.06 23 1 16.0	17.5					0.565	Mg II Ne V O II	2798 3426 3727	033 032				462 774 775 800 1111 2092	1320rpol, 1526vlbi, 1789mm,100, 202fc,1188sp

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1012+008	PG	10 12 20.78	10 14 54.89	16				0.185						1117	487		2011		1202pol, 1117sp, 1260imag,1729, 2005ir,2112x 2 compan gals,1788; 3 arcsec from anon gal,0.186 zgal, anon gal near,0.187zgal faint gals near,2118
	C	0 48 33	0 33 37.0																
	R																		
1012-021		10 12 33.91	10 15 6.50	18.5				2.135						2183	2183				2183B(J)mag
	O	-2 6 21.3	-2 21 17.7																
1012+736	NGC 3147	10 12 39	10 16 52.84	19.0				1.055	C III 1909					1065	1065				30 arcmin from NGC 3147, 1.0 arcmin from anon gal,2118
	C	73 39 0	73 24 2.0						Mg II 2798										
1012+022	PKS	10 12 40.77	10 15 15.62	17.8				1.374	C IV 1549					026	436		789		1032sp
	R	4C 02.30	2 13 48.5	1 58 51.8					C III 1909					2183	748				
														2183					
1012+488	4C 48.28	10 12 50.00	10 15 57.63	19				0.385	Mg II 2798					153	133		775		
	R	OL 422	48 52 57.9	48 38 0.6					Mg V 2931								1111		
									O III 3133								1888		
									H I 4861										
									O III 4959										
									O III 5007										
1013-018		10 13 6.41	10 15 39.16	18.2				0.760						2183	2183				2183B(J)mag
	O	-1 49 2.5	-2 3 60.0																
1013+014		10 13 22.61	10 15 57.03	16.6				0.779						2183	2183				2183B(J)mag
	O	1 24 10.7	1 9 12.7																
1013-003		10 13 22.75	10 15 56.27	18.6				1.787						2183	2183				2183B(J)mag
	O	-0 20 7.9	-0 35 5.9																
1013-020		10 13 34.94	10 16 7.59	18.5				0.977						2183	2183				2183B(J)mag, 2183neml
	O	-2 0 40.2	-2 15 38.6																
1013-013		10 13 48.49	10 16 21.48	18.4				0.617						2183	2183				2183B(J)mag
	O	-1 21 58.5	-1 36 57.3																
1014+003		10 14 2.05	10 16 35.94	18.2				2.292						2183	2183				2183B(J)mag, 2183neml
	O	0 23 49.3	0 8 50.0																
1014+001		10 14 24.86	10 16 58.62	18.5				0.337						2183	2183				2183B(J)mag
	O	0 7 50.4	-0 7 9.6																
1015+277	B2	10 15 0.42	10 17 49.46	17.5				0.469	Mg II 2798					138	009		790		687fc
	R	4C 27.21	27 47 5.6	27 32 4.3					O II 3727								1790		
		CTD 66							NeIII 3869								1888		
		NRAO 351							H I 4340								2085		
		OL 227																	
		3C 240																	
1015-205	J03.13	10 15 1.0	10 17 23.74	17.08				2.80						2277	2277				
		-20 31 44	-20 46 45.1																
1015+017		10 15 7.77	10 17 42.37	18.3				1.455						2183	2183				2183B(J)mag
	O	1 47 17.5	1 32 16.1																
1015+359	OL 326	10 15 15.9	10 18 10.66	19				1.226	C IV 1549					458	458		1521		510fc, 1526vlbi
	R	B2	35 57 39	35 42 37.2					C III 1909						076				
		S4							Mg II 2798						1443				
		CSO 257																	
1015+416	NGC 3184	10 15 16.8	10 18 16.32	18.1				2.029						948	948				15 arcmin from NGC 3184, 4.6 arcmin from anon gal,2118
	C	UB 4	41 40 0	41 24 58.1															

TABLE 1—Continued

OTHER NAMES		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
1015+416	NGC 3184	10 15 16.8	10 18 16.32	19.1					(0.92)			948	948			9.73 arcmin from NGC 3184, 5.65 arcmin from anon gal, 2118
C	UB 3	41 40 0	41 24 58.1													
1015+416	NGC 3184	10 15 16.8	10 18 16.32	17.7					0.152			948	948			4.73 arcmin from NGC 3184, 13.28 arcmin from anon gal, 2118
C	UB 1	41 40 0	41 24 58.1													
1015+383	UT	10 15 28.4	10 18 25.01	18					0.38	H I 4340 H I 4861 O III 4959 O III 5007		1437	1437			
R		38 20 25	38 5 22.8													
1015-013		10 15 37.98	10 18 10.99	18.4					0.319			2183	2183			2183B(J)mag
O		-1 21 0.4	-1 36 2.7													
1015-003		10 15 47.34	10 18 20.87	18.4					1.508			2183	2183			2183B(J)mag
O		-0 19 30.3	-0 34 32.9													
1015-214	J03.14	10 15 59.3	10 18 21.62	17.95					2.47			2277	2277			
		-21 24 53	-21 39 55.9													
1016+018		10 16 24.64	10 18 59.28	18.4					0.916			2183	2183			2183B(J)mag
O		1 52 34.1	1 37 30.3													
1016-006		10 16 26.59	10 18 59.95	18.7					2.176			2183	2183			2183B(J)mag, 2183neml
O		-0 39 17.4	-0 54 21.3													
1016+359	CSO 259	10 16 27.2	10 19 21.71	17					1.552	C IV 1549 C III 1909 Mg II 2798		1883	1992			1992Bmag 45 arcsec from anon gal,0.055 xgal,2118
C		35 55 42	35 40 37.9													
1016-028		10 16 28.55	10 19 0.82	18.5					0.717+			2183	2183		2183	2183B(J)mag, 2183neml
O		-2 48 47.3	-3 3 51.2													
1016+021		10 16 36.56	10 19 11.33	18.5					0.19			2183	2183			2183B(J)mag
O		2 8 57.7	1 53 53.5													
1016+359	CSO 261	10 16 53.6	10 19 48.05	17					2.67	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1533				1992Bmag
C		35 56 54	35 41 49.1													
1017+280	TON 34	10 17 6	10 19 54.90	15.69		.37	-.86	1.922*	H I 1216 1.8343 Si IV 1397 1.7984 O IV 1402 1.7667 C IV 1549 1.6081 1.5951 1.5368 0.0000	144	1872	1872	1000	685ubv,877pol, 1872 1000sp 2228 5.23 arcmin 2263 from NGC 3204, 2118		
C		28 1 0	27 45 54.8													
1017-001		10 17 23.13	10 19 56.75	17.5					1.127			2183	2183			2183B(J)mag
O		-0 9 5.5	-0 24 11.1													
1017+109		10 17 30.85	10 20 10.04	18.4					3.158*	Si IV 1397 3.1101 O IV 1402 2.9970 C IV 1549 2.9720 C III 1909 2.5401 1.2401	1440	1874	1874	1874	1874BAL Ly limit abs, z=3.048,1874, 2125,2247	
O		10 55 8.1	10 40 2.2													
1017-426	MC	10 17 56.46	10 20 3.89	18.9					1.280	He II 1640 C III 1909 Mg II 2798		1445	1445		387 2056	
R		-42 36 24.1	-42 51 30.6													
1018+201	1E	10 18 9.8	10 20 53.90	18.54					0.250	H I 4102 H I 4340 H I 4861		1233	1233			1233FeIIem
X		20 10 34.3	19 55 27.1													
1018+348	OL 331	10 18 24.10	10 21 17.46	17.75		.24	-.92	1.404	Si IV 1397 O IV 1402 C IV 1549 C III 1909		113	443	1512			831,1181sp, 1526vlbi, 1865phot
R	GV 081	34 52 29.4	34 37 21.7									1446	748			
	B2												1447			
	GC															
	TON 1208															
	CSO 263															

TABLE 1—Continued

		OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
			DEC (1950)		DEC (2000)								ID	Z	VAR	R	ABS	
1018+012			10 18 25.42	10 20 59.74	18.5					0.588			2183	2183				2183B(J)mag, 2183neml
O			1 15 40.9	1 0 33.3														
1018-000			10 18 25.92	10 20 59.57	18.3					2.596			2183	2183				2183B(J)mag
O			-0 5 20.0	-0 20 27.6														
1019+309	OL 333		10 19 39.86	10 22 30.28	16.75*	.26	-.77	1.319	C IV 1549				129	476	150	789		704,1202pol, 1451ubv,150fc, 1526vlbi, 2251sp 1902avg ph mag
R	B2		30 56 14.9	30 41 4.9					C III 1909					100	1902			
	GC													2281				
1019+017			10 19 44.42	10 22 18.99	17.3					0.792			2183	2183				2183B(J)mag
O			1 47 27.6	1 32 17.6														
1020-103	OL 133		10 20 4.20	10 22 32.79	16.11	.14	-.82	0.197	O III 4959				100	009		1170		780ir,1026ext, 1202pol,1207, 1261,1884imag, 1022elp, 1485ubv, 1526vlbi, 010fc faint gals near,2118
R	MSH 10-17		-10 22 33.6	-10 37 44.2					O III 5007				1898			2056		
	PKS UT																	
1020+191	PKS		10 20 11.9	10 22 55.24	18.5				2.136	H I 1216			010	009		010		1526vlbi
R	OL 133		19 8 46	18 53 35.1						C IV 1549						2162		
1020+014			10 20 13.06	10 22 47.45	18.1				1.615				2183	2183				2183B(J)mag
O			1 26 2.6	1 10 51.7														
1020+400	UT		10 20 14.7	10 23 11.70	17.5				1.25	C IV 1549			1437	1437				1526vlbi
R	GC		40 3 28	39 48 16.9						C III 1909								
1020-014			10 20 14.99	10 22 47.97	18.5				0.840				2183	2183				2183B(J)mag
O			-1 28 5.4	-1 43 16.3														
1020+004			10 20 56.02	10 23 29.94	18.6				1.901				2183	2183				2183B(J)mag
O			0 28 20.6	0 13 8.4														
1021-028			10 21 24.55	10 23 56.88	17.4				0.496				2183	2183				2183B(J)mag
O			-2 50 31.2	-3 5 44.2														
1021-026			10 21 27.17	10 23 59.61	17.8				1.095				2183	2183				2183B(J)mag
O			-2 36 21.8	-2 51 34.9														
1021-011			10 21 30.11	10 24 3.27	18.3				0.787				2183	2183				2183B(J)mag
O			-1 7 24.4	-1 22 37.6														
1021-013			10 21 39.16	10 24 12.23	17.9				0.743				2183	2183				2183B(J)mag
O			-1 18 36.1	-1 33 49.6														
1021-006	PKS		10 21 56.19	10 24 29.58	17.84*	.20	-.22	2.547	LYB 1026				086	436	756	789	2020	436ubv,1181, 2020sp, 1526vlbi 1902avg ph mag 2.1arcmin from gal ZWG,2118
R			-0 37 42.9	-0 52 56.9					O VI 1034						1068	2162		
									H I 1216						1902			
									N V 1240									
									Si IV 1397									
									O IV 1402									
									C IV 1549									
1022+194	4C 19.34		10 22 1.38	10 24 44.72	17.49*	.46	-.69	0.828	C III 1909				124	121	506	128		121ubv, 1194imag, 1526vlbi
R	OL 136		19 27 35.3	19 12 21.1					O III 2321					458		789		
									Mg II 2798							1111 1888		
1022-000			10 22 16.87	10 24 50.52	18.3				0.323				2183	2183				2183B(J)mag, 2183neml
O			-0 5 49.4	-0 21 4.0														
1022-099	UT		10 22 19.2	10 24 48.13	18.0				1.34	C IV 1549			1437	1437				
R			-9 54 19	-10 9 33.6						C III 1909								
1022-000			10 22 23.76	10 24 57.44	17.4				1.492				2183	2183				2183B(J)mag
O			-0 2 28.9	-0 17 43.7														
1022-102	UT		10 22 27.5	10 24 56.25	17				2.00	H I 1216			1437	1437				
R			-10 16 30	-10 31 44.9						C IV 1549								
1022+007			10 22 28.68	10 25 2.74	18.6				0.363				2183	2183				2183B(J)mag, 2183neml
O			0 46 40.3	0 31 25.3														

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES	
		DEC (1950)			DEC (2000)									ID	Z	VAR	R		ABS
1022+008 O		10 22 32.19 0 51 6.7	10 25 6.29 0 35 51.6	18.4				0.986						2183 2183					2183B(J)mag
1023-014 O		10 23 3.90 -1 24 45.4	10 25 36.93 -1 40 1.4	17.2				0.15						2183 2183					2183B(J)mag
1023-006 O		10 23 8.98 -0 40 29.3	10 25 42.36 -0 55 45.4	18.6				1.763						2183 2183					2183B(J)mag
1023-015 O		10 23 27.07 -1 35 3.4	10 26 0.02 -1 50 20.1	18.6				0.738						2183 2183					2183B(J)mag
1023-214	J03.16	10 23 31.6 -21 25 0	10 25 54.70 -21 40 16.8	18.69				2.5						2277 2277					
1023+067 R	4C 06.40 3C 243 PKS OL 040 NRAO 355	10 23 55.15 6 42 50.7	10 26 32.00 6 27 33.2	18.54	.54	-.55	1.707	H I 1216 1.7161 C IV 1549 1.7077 C III 1909 1.6295 Mg II 2798	124 121 2049 2281	506 775 1747 789 1749 1804 2049 1818 2263 1891								912xnd, 1320rpol, 307fc,121ubv 1795rpol jet	
1024+005 O		10 24 3.01 0 30 46.4	10 26 36.95 0 15 28.7	18.6				2.166						2183 2183					2183B(J)mag
1024-009 O		10 24 50.77 -0 57 43.0	10 27 24.02 -1 13 2.1	18.5				1.267						2183 2183					2183B(J)mag
1024-012 O		10 24 57.05 -1 16 2.3	10 27 30.16 -1 31 21.6	18.2				0.322						2183 2183					2183B(J)mag
1025+023 O		10 25 10.65 2 18 45.8	10 27 45.42 2 3 26.1	18.6				0.745						2183 2183					2183B(J)mag
1025+007 O		10 25 19.81 0 46 13.7	10 27 53.86 0 30 53.7	18.6				1.129						2183 2183					2183B(J)mag
1025-027 O		10 25 38.60 -2 45 54.2	10 28 11.02 -3 1 14.7	17.7				1.283						2183 2183					2183B(J)mag
1025+017 O		10 25 41.47 1 45 25.3	10 28 15.98 1 30 4.7	18.4				1.055						2183 2183					2183B(J)mag
1025-005 O		10 25 58.66 -0 30 47.5	10 28 32.12 -0 46 8.6	18.5				2.872						2183 2183					2183B(J)mag Ly limit abs, 2183
1026-007 O		10 26 1.67 -0 45 24.0	10 28 35.02 -1 0 45.2	18.5				1.438						2183 2183					2183B(J)mag
1026-007 O		10 26 3.69 -0 45 7.8	10 28 37.04 -1 0 29.0	18.4				1.520						2183 2183					2183B(J)mag
1026-017 O		10 26 24.32 -1 44 2.7	10 28 57.22 -1 59 24.5	17.1				0.217						2183 2183					2183B(J)mag
1027-198	J03.23	10 27 23.8 -19 48 25	10 29 48.15 -20 3 48.5	19.2				2.12						2277 2277					
1027-012 O		10 27 23.83 -1 14 14.7	10 29 56.97 -1 29 38.2	17.6				0.958						2183 2183					2183B(J)mag
1027-009 O		10 27 43.69 -0 58 9.5	10 30 16.95 -1 13 33.6	18.4				1.470						2183 2183					2183B(J)mag
1028+313 R X	B2 OL 347	10 28 9.79 31 18 20.6	10 30 59.08 31 2 55.7	16.71*	.36	-.75	0.177							322			1145 1170 1171 1340		322ubv,704, 1202pol,696, 912,1359x, 1018phot
1029-014 O		10 29 16.49 -1 25 46.2	10 31 49.55 -1 41 12.9	18.4				2.029+						2183 2183					2183B(J)mag, 2183BAL
1030-008 O		10 30 3.59 -0 50 44.8	10 32 36.92 -1 6 12.8	16.9				1.264						2183 2183					2183B(J)mag
1030+415 R	VR10.41.03 GC	10 30 7.56 41 31 33.3	10 33 3.47 41 16 5.1	18.2				1.12	C IV 1549 C III 1909 Mg II 2798	507 538				534 988 1152					510fc,865pos, 1526vlbi

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1030-357 R	PKS	10 30 51.92 -35 46 27.9	10 33 7.55 -36 1 57.1	18.5				1.455			C IV 1549 C III 1909 Mg II 2798		1898 1251					1526vlbi	
1031+028 O		10 31 3.3 2 48 6	10 33 38.22 2 32 36.4	18.62				2.172			H I 1216		2179 2179					2179B(J)mag	
1031+583 X	1E	10 31 7.6 58 22 24	10 34 21.45 58 6 54.0	18.66	.59	-.79	(0.248)				O II 3727 H I 4861 O III 4959 O III 5007		1269 1269					1269ubv,1269x, 1207,1261imag, 1910sp 9.92 arcmin from 3C 244.1, 2118	
1031+058 O		10 31 10.7 5 52 7	10 33 46.96 5 36 37.2	18.87				1.667			C IV 1549		2179 2179					2179B(J)mag	
1031+036 O		10 31 25.4 3 41 26	10 34 0.70 3 25 55.8	18.91				2.341			H I 1216		2179 2179					2179B(J)mag	
1031+034 O		10 31 54.6 3 29 28	10 34 29.81 3 13 57.0	19.41				1.960			H I 1216		2179 2179					2179B(J)mag	
1031+147 R		10 31 57.12 14 45 17.1	10 34 37.32 14 29 46.0	18				1.732+			H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		476 476				476		
1031+068 O		10 31 58.4 6 52 0	10 34 35.07 6 36 28.9	19.20				1.484			C IV 1549		2179 2179					2179B(J)mag	
1032+072 O		10 32 14.5 7 16 53	10 34 51.34 7 1 21.5	19.05				1.241			C IV 1549		2179 2179					2179B(J)mag	
1032+062 C		10 32 29.6 6 17 13	10 35 6.00 6 1 41.1	18.74				0.245					2184					2184B(J)mag	
1032-199 R	PKS MC	10 32 37.40 -19 56 1.9	10 35 2.20 -20 11 34.0	17.3				2.189			O VI 1034 H I 1216 N V 1240 Si II 1263 Si IV 1397 O IV 1402 C IV 1549		011 1304 1898 501			011 2056		761,1304, 1445sp,1125ir, 307,1445fc, 1526vlbi, 1810pos	
1032-276 O	TOLOLO 3	10 32 45.1 -27 36 31	10 35 5.97 -27 52 3.3	20.0				2.00					812 812						
1032-276 O	TOLOLO 4	10 32 49.8 -27 38 7	10 35 10.67 -27 53 39.4	19.2				2.240+			H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		812 2201				2201		
1032-276 O	TOLOLO 6	10 32 52.4 -27 40 42	10 35 13.25 -27 56 14.5	19.1				0.389			Mg II 2798 H I 4861		812 2201					1761sp	
1032+026 O		10 32 58.2 2 39 15	10 35 33.03 2 23 42.3	19.32				2.547			H I 1216		2179 2179					2179B(J)mag	
1033-268 O	TOLOLO 7	10 33 4.7 -26 53 57	10 35 26.00 -27 9 29.8	19.2				2.42 *			O VI 1034 H I 1216 C IV 1549 C III 1909	2.430 2.394 1.744	812 1831 812 2201				1831 2263		
1033-273 O	TOLOLO 8	10 33 4.7 -27 18 9	10 35 25.78 -27 33 41.8	21.8				1.61			C IV 1549 C III 1909		212 2201						
1033+070 O		10 33 7.8 7 2 6	10 35 44.51 6 46 33.0	19.29				1.696			C IV 1549		2179 2179					2179B(J)mag	
1033-276 O	TOLOLO 9	10 33 28.3 -27 38 41	10 35 49.25 -27 54 14.5	20.6				1.46			C IV 1549 C III 1909 Mg II 2798		812 2201						
1033+293 O	CSO 52 BA 54-182	10 33 30.6 29 23 6	10 36 17.93 29 7 32.4	17				1.02			C III 1909 Mg II 2798		1370 1369						



TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
1033+035 C		10 33 40.5 3 34 50	10 36 15.72 3 19 16.2	18.56					1.513			2184			2184B(J)mag	
1033+137 R	UT	10 33 47.3 13 42 26	10 36 26.90 13 26 52.0	18					3.07	O VI 1034 H I 1216		1437	1437			
1033+051 O		10 33 50.4 5 10 10	10 36 26.29 4 54 35.9	18.28					0.382	Mg II 2798		2179	2179		2179B(J)mag	
1033-283 O	TOLOLO 11	10 33 59.5 -28 20 50	10 36 20.15 -28 36 24.3	19.8					2.170	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		812	2201			
1034+030 O		10 34 3.7 3 5 35	10 36 38.70 2 50 0.6	17.73					0.406	Mg II 2798		2179	2179		2179B(J)mag	
1034+053 BL Lac C		10 34 5.8 5 23 41	10 36 41.78 5 8 6.5	19.25								2184			2184B(J)mag	
1034+054 C		10 34 5.9 5 25 15	10 36 41.89 5 9 40.5	19.27					1.061			2184			2184B(J)mag	
1034+065 O		10 34 7.6 6 35 59	10 36 44.09 6 20 24.5	18.43					0.813	C III 1909		2179	2179		2179B(J)mag	
1034+062 O		10 34 18.7 6 17 51	10 36 55.05 6 2 16.2	19.43					2.276	H I 1216		2179	2179		2179B(J)mag	
1034+496 O	PC	10 34 34.4 49 37 28	10 37 36.15 49 21 52.6	20.85					2.327	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1517	1517			
1034-277 O	TOLOLO 13	10 34 37.1 -27 47 56	10 36 58.13 -28 3 31.3	20.8					0.171	O II 3727 H I 4861 O III 4959 O III 5007		812	2201			
1034-374 R	PKS	10 34 38.24 -37 28 39.7	10 36 53.50 -37 44 15.0	19.5 *					1.821	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		494 1898	1251 1800	1251 2056	1526vlbi, 1800pol	
1034-293 R X	PKS OL 259	10 34 55.87 -29 18 27	10 37 16.13 -29 34 2.8	16.46	.62	-.51	0.312	O II 3727 H I 4861 O III 4959 O III 5007 H I 6563				011	1894	1399 1557 2056	1485ubv,1350, 1441,2112x, 781,1125, 1399ir,1595, 1961rvar, 1526vlbi,418, 493,761, 1803sp,865pos, 1789mm,1800, 2103pol IRAS source, 1806; 213 incorrect id	
1034-283		10 34 59.5 -28 20 50	10 37 20.29 -28 36 25.9	19.8					2.170	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		2201	2201			
1035+032 O		10 35 2.0 3 16 30	10 37 37.07 3 0 54.0	19.45					1.524	C IV 1549		2179	2179		2179B(J)mag	
1035+043 C		10 35 12.9 4 18 17	10 37 48.39 4 2 40.8	17.82					1.085			2184			2184B(J)mag	
1035+040 O		10 35 21.6 4 5 59	10 37 57.01 3 50 22.5	18.80					2.166	H I 1216		2179	2179		2179B(J)mag	

TABLE 1—Continued

	OTHER NAMES		RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1035-282 O	TOLOLO 15		10 35 32.3 -28 17 13		10 37 53.21 -28 32 49.7		18.2			1.920*	Si IV 1397 O IV 1402 C IV 1549 C III 1909	1.721 0.643	812 2201				2201	
1035-276 O	TOLOLO 16		10 35 47.2 -27 37 14		10 38 8.50 -27 52 51.1		18.9			2.15 *		2.125 1.982 0.823	812 1831 812				1831 2263	
1036+355 C	CSO 282		10 36 13.9 35 34 48		10 39 4.38 35 19 10.1		17			1.999	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1883 1992					1992Bmag
1036-272 O	TOLOLO 17		10 36 27.4 -27 13 41		10 38 49.00 -27 29 19.1		20.3			3.09	H I 1216 N V 1240 C IV 1549		812 1831					
1036+052 O			10 36 32.8 5 15 27		10 39 8.66 4 59 48.7		19.40			1.942	H I 1216		2179 2179					2179B(J)mag
1037-270 O	TOLOLO 19		10 37 0.13 -27 3 37.0		10 39 21.89 -27 19 16.0		17.4			2.18 *	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.1378 2.1283 2.0825 2.0755 2.0708 2.0289 1.9722 1.9122 1.077 0.0153 0.0001	812 1506 812 1705 1761				1506 1706pos, 1627 2095imag 1705 40 arcsec from 1706 anon gal,1705, 1761 2118; BAL? 2228 2263	
1037+057 O			10 37 1.1 5 47 25		10 39 37.17 5 31 46.0		19.13			2.027	H I 1216		2179 2179					2179B(J)mag
1037-282 O	TOLOLO 20		10 37 3.4 -28 16 17		10 39 24.54 -28 31 56.1		19.3			1.619	C IV 1549 C III 1909		812 2201					
1037-277 O	TOLOLO 21		10 37 6.1 -27 42 57		10 39 27.54 -27 58 36.1		19.4			1.886			812 1761					
1037+068 O			10 37 15.7 6 49 2		10 39 52.18 6 33 22.6		18.90			1.386	C IV 1549		2179 2179					2179B(J)mag
1037+035 O			10 37 30.3 3 35 34		10 40 5.46 3 19 54.2		19.72			2.060	H I 1216		2179 2179					2179B(J)mag
1037+038 O			10 37 48.2 3 53 22		10 40 23.47 3 37 41.8		19.84			2.252	H I 1216		2179 2179					2179B(J)mag
1038-272 O	TOLOLO 22		10 38 10.40 -27 12 7.8		10 40 32.25 -27 27 48.6		17.8			2.331*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.3047 2.1455 2.0851 2.0768 2.0652 2.0144 1.9564 1.8936 1.8502 0.0001	812 1761 812 1705				1507 1706pos 1705 17.9 arcmin 1706 from 1037-2703 1761 1507;95 arcsec 2228 from gal,1705, 2263 2118; BAL?	
1038-271 O	TOLOLO 23		10 38 11.6 -27 7 17		10 40 33.50 -27 22 57.8		19.5			1.937*	Si IV 1397 C IV 1549 C III 1909	1.887	812 1761 1831				1761 5 arcmin from 1831 QSO Tololo 22 (1038-2712), 1761; BAL	
1038-271 O	TOLOLO 18		10 38 18.0 -27 9 38		10 40 39.89 -27 25 18.9		19.8			2.549	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.233	812 2201				2201	
1038+045 O			10 38 30.7 4 35 11		10 41 6.24 4 19 29.7		20.04			2.404	H I 1216		2179 2179					2179B(J)mag
1038+311 O	CSO 55		10 38 31.2 31 10 54		10 41 18.72 30 55 12.7		17			1.45	Si IV 1397 C IV 1549 C III 1909		1370 1369					

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	ABS	
1038+054 O		10 38 38.0 5 28 19	10 41 13.89 5 12 37.5	19.59					2.737	H I 1216		2179	2179			2179B(J)mag	
1038+041 O		10 38 38.9 4 6 21	10 41 14.25 3 50 39.5	18.87					0.928				2184			2184B(J)mag	
1038+054 O		10 38 39.6 5 29 26	10 41 15.50 5 13 44.5	19.62					1.253	C IV 1549		2179	2179			2179B(J)mag	
1038+064 R X	4C 06.41 OL 064.5 OTL	10 38 40.87 6 25 58.6	10 41 17.15 6 10 17.1	16.81*	.16	-.84	1.265*	C IV 1549 C III 1909 Mg II 2798	0.4414	124 2184	121 2054	506 462 789 1111	128 560 2228 2263			121ubv,704, 1202pol,780ir, 958,2251sp, 958FeIIem, 1005x, 1108absr, 1526vlbi 9.6arcsec from anon gal,0.441 zgal,2118,2262	
1038+528 R	OL 564 A	10 38 43.13 52 49 10.4	10 41 46.77 52 33 28.7	17.4			(0.677)	Mg II 2798				507	538 632		534 1180 1888	1391,1526vlbi	
1038+528 R	B	10 38 45.27 52 49 37.6	10 41 48.90 52 33 55.8	18.5			2.296	H I 1216 N V 1240 C IV 1549 C III 1909				507	632		1180	1391vlbi	
1038+041 O		10 38 48.6 4 10 31	10 41 23.97 3 54 49.3	18.02			1.423	C IV 1549				2179	2179			2179B(J)mag	
1038+016 C	QNB1:16	10 38 56.6 1 36 13	10 41 30.94 1 20 31.1	20.40		-.26	0.236	Ne V 2974 Ne V 3426 O II 3727				1878 2058	1878 2058			1878Bmag, 2058neml	
1038+050 O		10 38 59.6 5 1 47	10 41 35.31 4 46 5.0	19.57			1.83	C IV 1549 He II 1640 N III 1750 C III 1909 Mg II 2798					2184			2184B(J)mag	
1039+015 C	QNB1:10	10 39 3.2 1 31 56	10 41 37.51 1 16 13.9	20.99		-1.11	1.704	C IV 1549				1878 2058	1878 2058			1878Bmag	
1039+059 O		10 39 4.3 5 54 57	10 41 40.36 5 39 14.9	19.88			2.359	H I 1216				2179	2179			2179B(J)mag	
1039+050 O		10 39 7.7 5 3 31	10 41 43.42 4 47 48.8	20.17			1.96	O IV 1402 C IV 1549 C III 1909					2184			2184B(J)mag	
1039+049 O		10 39 15.1 4 59 15	10 41 50.79 4 43 32.6	19.60			1.53	C IV 1549 C III 1909 Mg II 2798					2184			2184B(J)mag	
1039+017 C	QNB1:08	10 39 21.4 1 47 22	10 41 55.81 1 31 39.5	20.26		-.58	0.202	O II 3727 H I 4861 O III 4959 O III 5007				1878 2058	1878 2058			1878Bmag, 2058neml	
1039+013 C	QNB1:32	10 39 21.8 1 21 50	10 41 56.04 1 6 7.5	20.64		-.72	1.724	C IV 1549 C III 1909				1878 2058	1878 2058			1878Bmag	
1039+049 O		10 39 24.3 4 57 37	10 41 59.97 4 41 54.4	20.32			1.97	O IV 1402 N IV 1488 C IV 1549 C III 1909					2184			2184B(J)mag	
1039+811 R	S5	10 39 27.79 81 10 23.4	10 44 23.08 80 54 39.2	16.5			1.26					937	1667		937 1793	1855mm	
1039+140 C	NGC 3338 UB 1	10 39 30 14 0 36	10 42 9.35 13 44 53.3	20.4			(2.04)						549			3.63 arcmin from anon gal, near NGC 3338, 2118	

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES
1039+140 C	NGC 3338 UB 2	10 39 30 14 0 36	10 42 9.35 13 44 53.3	19.7			2.14				549	4.18 arcmin from anon gal, near NGC 3338, 2118
1039+582 O	SBS 8	10 39 36 58 12 0	10 42 45.89 57 56 16.9	17.5			1.472	C IV 1549 O III 1663 C III 1909		1285	1285	
1039+046 O		10 39 36.9 4 41 44	10 42 12.46 4 26 1.1	19.81			1.63	C IV 1549 C III 1909 Mg II 2798			2184	2184B(J)mag
1039+067 O		10 39 37.1 6 44 36	10 42 13.48 6 28 53.1	19.27			2.022	H I 1216		2179	2179	2179B(J)mag
1039+047 O		10 39 41.3 4 47 30	10 42 16.90 4 31 47.0	19.40			0.419	Mg II 2798 O II 3727 H I 4340 H I 4861 O III 4959			2184	2184B(J)mag
1039+047 O		10 39 50.2 4 42 54	10 42 25.76 4 27 10.8	20.15			2.20	H I 1216 Si IV 1397 C IV 1549 C III 1909			2184	2184B(J)mag
1039+012 C	QNB1:34	10 39 56.5 1 15 45	10 42 30.70 1 0 1.6	18.61	-1.34	1.398		C IV 1549 N III 1750 C III 1909 Mg II 2798		1878	1878 2058 2058	1878Bmag
1039+012 C	QNB1:38	10 39 59.7 1 17 50	10 42 33.91 1 2 6.5	19.05	-.68	2.109+		H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909		1878	1878 2058 2058	1878Bmag, 2058BAL
1040+051 O		10 40 0.5 5 7 37	10 42 36.22 4 51 53.5	21.4			3.27				2184	2184B(J)mag
1040+123 R X	3CR 245 4C 12.37 PKS OL 166.6 NRAO 358 DA 289 AO	10 40 6.11 12 19 15.1	10 42 44.72 12 3 31.5	16.45*	.46	-.82	1.029	C III 1909 Mg II 2798 Mg II 2804 Ar IV 2854 Ar IV 2869		014	012 506 128 875 462 154 787 1068 787 1902 789 882 1111 1591 1804 2013 2069 2092	014,063, 066ubv, 1201pol,799ir, 1107,1980x, 1159,1526vlbi, 335sp,158, 295fc 1111 1591 1804 2013 2069 2092
1040+015 C	QNB1:43	10 40 10.2 1 33 33	10 42 44.52 1 17 49.3	20.34	-1.47	1.845		Si IV 1397 C IV 1549 C III 1909		1878	1878 2058 2058	1878Bmag
1040+013 C	QNB1:24	10 40 14.5 1 23 6	10 42 48.75 1 7 22.2	20.73	-1.04	0.700		Mg II 2798		1878	1878 2058 2058	1878Bmag
1040+014 C	QNB1:22	10 40 17.4 1 28 46	10 42 51.68 1 13 2.1	20.01	-1.02	(1.426)		C IV 1549 C III 1909		1878	1878 2058 2058	1878Bmag
1040+015 C	QNB1:49	10 40 18.0 1 33 21	10 42 52.31 1 17 37.1	19.66	-.86	2.433+		H I 1216 C IV 1549		1878	2058	1878Bmag Ly alpha abs, 2058
1040+008 C	QNB2:36	10 40 19.5 0 48 50	10 42 53.52 0 33 6.0	20.61	-.97	2.116		H I 1216 C IV 1549		1878	1878 2058	1878Bmag
1040+011 C	QNB2:02	10 40 29.7 1 10 4	10 43 3.86 0 54 19.8	19.32	-.86	(0.730)		Mg II 2798		1878	1878 2058	1878Bmag
1040+039 C		10 40 31.8 3 57 7	10 43 7.05 3 41 22.7	18.08			0.854				2184	2184B(J)mag

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES Z VAR R ABS	NOTES
1040+014 C	QNB1:20	10 40 32.3 1 24 33	10 43 6.56 1 8 48.7	20.93		-.55	2.503	H I 1216 N V 1240 Si IV 1397 C IV 1549	1878	1878 2058	1878Bmag
1040+011 C	QNB2:06	10 40 35.6 1 6 41	10 43 9.74 0 50 56.6	20.76		-.94	1.692	C IV 1549 C III 1909	1878	2058	1878Bmag
1040+012 C	QNB1:26	10 40 40.0 1 17 54	10 43 14.21 1 2 9.5	19.94		-1.45	1.917	H I 1216 N V 1240 Si IV 1397 C IV 1549	1878	1878 2058	1878Bmag
1040+013 C	QNB1:28	10 40 40.5 1 21 25	10 43 14.73 1 5 40.5	20.61		-.74	1.494	C IV 1549 C III 1909	1878	1878 2058	1878Bmag
1040+009 C	QNB2:07	10 40 47.5 0 59 6	10 43 21.59 0 43 21.4	19.74		-.66	0.627	Mg II 2798	1878	1878 2058	1878Bmag
1040+046 O		10 40 48.1 4 38 2	10 43 23.61 4 22 17.3	18.92			2.330	H I 1216	2179	2179 2184	2179, 2184B(J)mag
1041+007 C	QNB2:46	10 41 7.0 0 45 52	10 43 41.00 0 30 6.9	20.29		-1.00	1.402	C III 1909	1878	2058	1878Bmag
1041+010 C	QNB2:01	10 41 13.1 1 5 48	10 43 47.23 0 50 2.7	19.22		-1.53	1.253	C IV 1549 C III 1909	1878	1878 2058	1878Bmag
1041+049 O		10 41 15.0 4 54 3	10 43 50.60 4 38 17.7	19.35			0.556			2184	2184B(J)mag
1041+011 C	QNB2:17	10 41 16.7 1 11 8	10 43 50.86 0 55 22.6	21.01		-.69	0.305	O II 3727	1878	1878 2058	1878Bmag, 2058neml
1041+049 O		10 41 22.2 4 54 9	10 43 57.80 4 38 23.5	18.60			2.409	H I 1216	2179	2179	2179B(J)mag
1041+011 C	QNB2:15	10 41 26.6 1 6 40	10 44 0.73 0 50 54.4	19.04		-.72	1.697	C IV 1549 C III 1909	1878	1878 2058	1878Bmag
1041-147	R05.12	10 41 27.2 -14 47 30	10 43 55.06 -15 3 15.6	18.4 *			2.12			2277 2277	
1041+009 C	QNB2:28	10 41 28.4 0 56 46	10 44 2.47 0 41 0.4	20.98		-.93	1.194	C III 1909	1878	1878 2058	1878Bmag
1041+035		10 41 31.3 3 30 36	10 44 6.36 3 14 50.3				0.267			2184	2184B(J)mag
1041+057 O		10 41 33.6 5 47 20	10 44 9.54 5 31 34.2	17.95			2.092			2184	2184B(J)mag
1041+008 C	QNB2:24	10 41 43.2 0 53 10	10 44 17.25 0 37 24.0	19.35		-.54	0.192	H I 4102 H I 4861 O III 4959 O III 5007	1878	1878 2058	1878Bmag
1041+009 C	QNB2:25	10 41 49.1 0 56 42	10 44 23.17 0 40 55.9	19.49		-1.08	1.324	C III 1909 Mg II 2798	1878	1878 2058	1878Bmag
1041+007 C	QNB2:42	10 41 49.7 0 43 28	10 44 23.68 0 27 41.9	20.91		-1.12	(0.600)	Mg II 2798	1878	1878 2058	1878Bmag
1041+055 C		10 41 54.0 5 34 44	10 44 29.85 5 18 57.8				1.92			2184	2184B(J)mag
1042+007 C	QNB2:45	10 42 0.0 0 47 47	10 44 34.01 0 32 0.6	20.81		-1.27	1.244	C III 1909	1878	2058	1878Bmag
1042+029 O		10 42 2.4 2 57 58	10 44 37.24 2 42 11.6	18.55			2.094	H I 1216	2179	2179	2179B(J)mag
1042+041 C		10 42 16.7 4 8 38	10 44 51.99 3 52 51.2	17.16			0.213			2184	2184B(J)mag
1042+007 C	QNB2:40	10 42 19.1 0 44 1	10 44 53.09 0 28 14.2	20.48		-.92	0.857	C III 1909 Mg II 2798	1878	1878 2058	1878Bmag

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES
1042+071 R	PKS	10 42 19.42 7 11 24.4	10 44 55.88 6 55 37.5	20.5			0.698	Mg II 2798 O II 3727 O III 4959 O III 5007		412 1861	1861	
1042+008 C	QNB2:23	10 42 21.6 0 53 10	10 44 55.64 0 37 23.1	20.11		-.85	1.166	C III 1909 Mg II 2798		1878 1878 2058		1878Bmag
1042-000 C	F855:174	10 42 41.8 -0 4 28	10 45 15.48 -0 20 15.4	21.90	.73	-.91	(1.737)			2214 2214		
1042+349 R		10 42 49.87 34 56 59.0	10 45 38.70 34 41 11.4	18.5				2.347		1446 1447		
1042+048 C		10 42 52.6 4 50 50	10 45 28.15 4 35 2.4	18.92				0.294		2184		2184B(J)mag
1042+066 O		10 42 53.6 6 39 27	10 45 29.84 6 23 39.3	19.16				2.122	H I 1216	2179 2179		2179B(J)mag
1043+071 O		10 43 7.2 7 11 12	10 45 43.63 6 55 24.0	19.29				2.114	H I 1216	2179 2179		2179B(J)mag
1043-152	R05.17	10 43 8.4 -15 12 46	10 45 36.22 -15 28 34.0	19.2 *				2.12		2277 2277		
1043+001 C	F855:159	10 43 9.0 0 10 38	10 45 42.77 -0 5 10.0	21.65	.84	-1.46	(1.203)	C IV 1549 C III 1909		2214 2214		
1043+000 C	F855:107	10 43 13.1 0 0 41	10 45 46.81 -0 15 7.1	20.12	.63	-.87	(1.087)	C III 1909		2214 2214		
1043+066 C		10 43 16.5 6 40 25	10 45 52.73 6 24 36.8	17.88				1.507		2184		2184B(J)mag
1043+066 C		10 43 21.8 6 40 14	10 45 58.03 6 24 25.7	19.06				0.429		2184		2184B(J)mag
1043+000 C	F855:137	10 43 24.4 0 4 0	10 45 58.13 -0 11 48.4	21.28	.72	-1.26	(1.180)	C III 1909		2214 2214		
1043+038 C		10 43 37.3 3 52 13	10 46 12.46 3 36 24.3	18.95				1.480		2184		2184B(J)mag
1043-003 C	F855:121	10 43 37.6 -0 22 46	10 46 11.17 -0 38 34.7	20.68	.60	-.67		2.113+	C IV 1549	2214 2214		
1043-004 C	F855:86	10 43 37.9 -0 27 24	10 46 11.44 -0 43 12.7	18.60	.62	-1.03		0.967	C III 1909	2214 2214		
1043+000 C	F855:158	10 43 38.1 0 2 29	10 46 11.82 -0 13 19.7	21.65	.33	-.04		2.354	H I 1216 C IV 1549	2214 2214		
1043-000 C	F855:168	10 43 40.1 -0 4 7	10 46 13.78 -0 19 55.8	21.81	.60	-.69		1.045		2214 2214		
1043-001 C	F855:125	10 43 41.4 -0 6 59	10 46 15.06 -0 22 47.8	20.80	.56	-.70		1.952+	H I 1216 C IV 1549	2214 2214		2214 BAL
1043+000 C	F855:134	10 43 45.8 0 2 52	10 46 19.53 -0 12 56.9	21.21	.51	-.83		1.107	C III 1909	2214 2214		
1043-002 C	F855:108	10 43 52.0 -0 14 50	10 46 25.62 -0 30 39.0	20.22	.80	-.61		1.446+	C IV 1549 He II 1640 C III 1909	2214 2214		2214 BAL
1043+001 C	F855:162	10 43 55.9 0 8 52	10 46 29.66 -0 6 57.1	21.73	.54	-.43		1.254	C III 1909	2214 2214		
1044-000 C	F855:123	10 44 3.7 -0 0 44	10 46 37.40 -0 16 33.3	20.75	.28	-.84		2.057	H I 1216 Si IV 1397 C IV 1549 C III 1909	2214 2214		
1044+001 C	F855:156	10 44 6.7 0 8 15	10 46 40.46 -0 7 34.4	21.60	.47	-.23	(1.602)	C IV 1549 C III 1909		2214 2214		
1044+027 O		10 44 7.3 2 47 19	10 46 42.05 2 31 29.6	18.60				0.534	Mg II 2798	2179 2179		2179B(J)mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1044-001 C	F855:102	10 44 12.8 -0 10 12	10 46 46.44 -0 26 1.5	19.90	.39	-.85	2.050	H I 1216 C IV 1549		2214 2214					
1044+059 O		10 44 20.8 5 57 39	10 46 56.73 5 41 49.3	18.28			1.226	C III 1909		2179 2179					2179B(J)mag
1044+000 C	F855:124	10 44 22.5 0 4 12	10 46 56.23 -0 11 37.8	20.79	.69	-.76	1.395	C IV 1549 C III 1909 Mg II 2798		2214 2214					
1044-002 C	F855:152	10 44 23.2 -0 17 26	10 46 56.80 -0 33 15.8	21.51	.54	-.56	2.113	H I 1216 C IV 1549		2214 2214					
1044-000 C	F855:155	10 44 28.7 -0 4 14	10 47 2.38 -0 20 3.9	21.59	.82	-1.23	1.789	C IV 1549 C III 1909		2214 2214					
1044+000 C	F855:133	10 44 32.9 0 0 28	10 47 6.61 -0 15 22.0	21.21	.55	-1.19	1.073	C III 1909		2214 2214					
1044+476 R	OL 474	10 44 35.75 47 41 20.9	10 47 32.66 47 25 30.8	18.4			0.800	C III 1909 Mg II 2798		507 1288			1521 2060		
1044+000 C	F855:111	10 44 37.7 0 2 8	10 47 11.42 -0 13 42.1	20.41	.64	-.31	0.729	Mg II 2798		2214 2214					
1044+000 C	F855:140	10 44 39.7 0 4 0	10 47 13.43 -0 11 50.2	21.32	.51	-.95	1.518	C IV 1549 C III 1909		2214 2214					
1044+061 O		10 44 40.4 6 7 49	10 47 16.39 5 51 58.8	18.26			0.893	C III 1909		2179 2179					2179B(J)mag
1044+054 O		10 44 45.8 5 29 38	10 47 21.54 5 13 47.7	19.33			1.738	H I 1216		2179 2179					2179B(J)mag
1044+056 O		10 44 57.4 5 40 46	10 47 33.21 5 24 55.4				1.306			2184					2184B(J)mag
1045+050 O		10 45 4.0 5 3 33	10 47 39.58 4 47 42.3	19.33			1.723	C IV 1549		2179 2179					2179B(J)mag
1045+350 R		10 45 5.16 35 3 52.3	10 47 53.63 34 48 1.6	20.8			0.923			1446 1447					8.63 arcmin from NGC 3381, 2118
1045+060 O		10 45 6.8 6 5 50	10 47 42.76 5 49 59.2	19.48			2.212	H I 1216		2179 2179					2179B(J)mag
1045+052 O		10 45 11.5 5 12 28	10 47 47.13 4 56 37.1	19.21			2.118	H I 1216		2179 2179					2179B(J)mag
1045+065 O		10 45 16.6 6 34 19	10 47 52.73 6 18 28.0	19.12			1.310	C IV 1549		2179 2179					2179B(J)mag
1045+604 R	4C 60.15 OL 676	10 45 23.10 60 24 37.3	10 48 33.50 60 8 46.0	17.5			1.722	H I 1216 C IV 1549 C III 1909		100 100			534 789 1818		1320rpol
1045+056 O		10 45 24.6 5 38 0	10 48 0.38 5 22 8.8	19.39			1.230	C III 1909		2179 2179					2179B(J)mag
1045+044 O		10 45 26.9 4 26 33	10 48 2.24 4 10 41.8	19.18			0.865	C III 1909		2179 2179					2179B(J)mag
1045+026 O		10 45 33.0 2 36 29	10 48 7.66 2 20 37.6	18.70			1.832	H I 1216		2179 2179					2179B(J)mag
1045+128 C	NGC 3384 UB 13	10 45 38 12 53 42	10 48 16.50 12 37 50.5	20.6			(0.497)	O II 3727		543 543					873xnd 10 arcsec from NGC 3379, 2.78 arcmin from NGC 3384, 6.95 arcmin from NGC 3389, 2118

TABLE 1—*Continued*

OTHER NAMES		RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1045+128	NGC 3384	10 45 38	10 48 16.50	20.5			(0.52)			543 543					873xnd 27.48 arcmin from NGC 3379, 24.35 arcmin from NGC 3384, 18.43 arcmin from NGC 3389, 2118
C	UB 14	12 53 42	12 37 50.5												
1045+128	NGC 3384	10 45 38	10 48 16.50	19.8			1.28	C III 1909 Mg II 2798		543 543					873xnd 16 arcmin from NGC 3379, 11.8 arcmin from NGC 3384, 6 arcmin from NGC 3389, 2118
C	UB 2	12 53 42	12 37 50.5												
1045+128	NGC 3384	10 45 38	10 48 16.50	19.2			1.192	C III 1909 Mg II 2798		543 543					873xnd 16 arcmin from NGC 3379, 17.73 arcmin from NGC 3384, 24 arcmin from NGC 3389, 2118
C	UB 5	12 53 42	12 37 50.5												
1045+128	NGC 3384	10 45 38	10 48 16.50	18.7			1.134	C III 1909 Mg II 2798		543 543					873xnd 19.82 arcmin from NGC 3379, 13.25 arcmin from NGC 3384, 10.95 arcmin from NGC 3389, 2118
C	UB 8	12 53 42	12 37 50.5												
1045+128	NGC 3384	10 45 38	10 48 16.50	19.7			1.131	C III 1909 Mg II 2798		543 543					873xnd 31.3 arcmin from NGC 3379, 26.78 arcmin from NGC 3384, 21.57 arcmin from NGC 3389, 2118
C	UB 15	12 53 42	12 37 50.5												
1045+128	NGC 3384	10 45 38	10 48 16.50	19.9			1.107	C III 1909 Mg II 2798		543 543					873xnd 10.78 arcmin from NGC 3379, 11.13 arcmin from NGC 3384, 17.38 arcmin from NGC 3389, 2118
C	UB 4	12 53 42	12 37 50.5												
1045+128	NGC 3384	10 45 38	10 48 16.50	19.4			1.111	C III 1909 Mg II 2798		543 543					873xnd 9.73 arcmin from NGC 3379, 4.17 arcmin from NGC 3384, 2.43 arcmin from NGC 3389, 2118
C	UB 1	12 53 42	12 37 50.5												
1045-188	MC	10 45 40.08	10 48 6.61	18.8			0.595	Mg II 2798 O III 3133 Ne V 3426 Ne III 3869 H I 4102 H I 4340 O III 4363 H I 4861 O III 5007		1445 1445			023 087 2056		1526vlbi, 1789nm, 1445FeIIem
R		-18 53 44.1	-19 9 35.7												
1046+058		10 46 4.3	10 48 40.15	18.66			1.956	H I 1216		2179 2179					2179B(J)mag
O		5 51 42	5 35 49.9												
1046-409	PKS	10 46 22.71	10 48 38.34	17.5			0.620	Mg II 2798 H I 4340 H I 4861 O III 5007		1898 1251			1251		1526vlbi
R		-40 58 6.9	-41 13 59.4												



TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
									ID	Z	VAR	R	ABS
1046+045 O	10 46 39.0 4 30 20	10 49 14.34 4 14 27.1	19.07			1.608	C IV 1549		2179	2179			2179B(J)mag
1046+031 O	10 46 42.8 3 10 36	10 49 17.66 2 54 43.0	18.56			2.173	H I 1216		2179	2179			2179B(J)mag
1046+044	10 46 48.0 4 29 11	10 49 23.33 4 13 17.9	20.11			1.37				2184			2184B(J)mag
1046+060 O	10 46 53.2 6 0 46	10 49 29.08 5 44 52.8	19.07			1.850	H I 1216		2179	2179			2179B(J)mag
1046+053 R OL 078.4	10 46 56.63 5 21 25.6	10 49 32.27 5 5 32.3	18.94	.24	-.88	1.115	C IV 1549 C III 1909 Mg II 2798		124 2184	121	506	462 775 789 1111	121ubv
1047+067 O	10 47 0.8 6 45 15	10 49 36.94 6 29 21.6	16.73			0.148	Mg II 2798		2179	2179			2179B(J)mag
1047+031 O	10 47 24.9 3 11 11	10 49 59.75 2 55 17.1	18.44			1.310	C IV 1549		2179	2179			2179B(J)mag
1047+048 O	10 47 34.7 4 48 42	10 50 10.13 4 32 47.9	18.42			1.207	C IV 1549		2179	2179			2179B(J)mag
1047+050 O	10 47 46.6 5 1 29	10 50 22.10 4 45 34.6	19.56			1.292	C IV 1549		2179	2179			2179B(J)mag
1047+096 R OL 079.2	10 47 48.95 9 41 47.7	10 50 26.13 9 25 53.3	17.86*	.40	-.66	0.786	C III 1909 Mg II 2798 Ne III 3869		124	121	506	462 775 789 1111 1888	121ubv, 1159vlbi
1047-281 IR R	10 47 55.3 -28 7 45	10 50 18.12 -28 23 39.6	16			0.190	He II 4686 H I 4861 O III 4959 O III 5007 He I 5876 H I 6563 S II 6717 S II 6731		2230	2230		2300	
1047+047 O	10 47 55.4 4 46 49	10 50 30.81 4 30 54.4	19.72			1.215	C IV 1549		2179	2179			2179B(J)mag
1048+045 O	10 48 7.5 4 33 34	10 50 42.83 4 17 39.2	19.20			0.230	Mg II 2798		2179	2179			2179B(J)mag
1048+347 R B2 GC	10 48 10.4 34 46 3	10 50 58.11 34 30 8.1	20.45			2.52	C IV 1549		1297	1181		1521 2060	
1048+240 R CTD 68 OL 281 PKS B2	10 48 46.72 24 3 57.2	10 51 29.38 23 48 1.5	18.5			1.274	C IV 1549 C III 1909		155	831 155		462 774 800	1320rpol,003, 020fc
1048+342 C CSO 294 PG	10 48 56.1 34 15 23	10 51 43.41 33 59 27.1	15.81			0.167	O II 3727 H I 4340 H I 4861 O III 4959 O III 5007		1117	1117		2011	1260imag, 1598sp,1729, 2005ir,2112x 2 compan gals, 1788; 11 kpc from anon gal, 0.167xgal, 50 kpc from anon gal,20.2vgal, faint gals near,2118

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
1048-090	PKS	10 48 59.41	10 51 29.94	16.79*	.06	-.49	0.344	Mg II 2798		112	054	492	775	059,112ubv,		
R	3C 246	-9 2 13.6	-9 18 9.6					Ar IV 2854		1968			2011	156,704,		
X	NRAO 359							O III 3133					2056	1202pol,		
	OL 082							He II 3203						940ext,749pos,		
	MSH 10-019							Ne V 3345						1222elp,1117,		
	PG							Ne V 3426						1420,1598sp,		
	MC							O II 3727						1487,2112x,		
								NeIII 3869						1526vlbi,		
								NeIII 3968						077fc,		
								H I 4340						1420FeIIem,		
								O III 4959						1688,1700,		
								O III 5007						1884,2145imag,		
														1729,2005ir		
														0.4 arcmin		
														from anon		
														gal,1650;		
														23 arcsec from		
														anon gal, 26		
														arcsec from		
														anon gal,		
														0.1255xgal,		
														faint gals		
														near,2118		
1049+302	CSO 59	10 49 0.7	10 51 46.02	17				0.97	C III 1909	1370	1369					
O		30 12 0	29 56 4.0						Mg II 2798							
1049+073		10 49 2.4	10 51 38.68	19.86				2.318	H I 1216	2179	2179			2179B(J)mag		
O		7 19 33	7 3 37.0													
1049+215	4C 21.28	10 49 7.26	10 51 48.86	17.89*				1.30	C IV 1549	132	009	875	086	1201pol,		
R	OL 282	21 35 48.4	21 19 52.3						C III 1909			1068		1526vlbi		
	PKS								Mg II 2798			1902		1902avg ph mag		
1049-005	PG	10 49 18.0	10 51 51.51	15.95				0.357	Mg II 2798	1117	1117		2011	1598sp,1700,		
C	OL 084	-0 35 20	-0 51 16.4						O II 3727					2145imag,1729,		
R									NeIII 3869					2005ir,2112x		
														17.9 arcmin		
														from IC 653,		
														1650; faint		
														gals near,2118		
1049+616	4C 61.20	10 49 22.43	10 52 32.77	16.48*	.10	-.76	0.422*	Mg II 2798	0.3933	129	100	567	534 1869	106ubv,704,		
R	OL 682	61 41 18.2	61 25 21.6					O II 3727	0.2251	828			2263	1202pol,958sp,		
								H I 4340						1320rpol,958,		
								H I 4861						1469FeIIem,		
								O III 4959						1688,1700imag		
								O III 5007						17.7 arcmin		
														from NGC 3435,		
														2.9 arcmin		
														from NGC 3407,		
														1650,2118		
1049+045		10 49 26.1	10 52 1.39					2.198	H I 1216	2179	2179			2179B(J)mag		
O		4 32 36	4 16 39.4													
1049+489	5C2.10	10 49 41	10 52 37.33	18				0.478	Mg II 2798	018	018			308fc		
R		48 55 53	48 39 56.1						Ar IV 2854							
									Ar IV 2869							
1050-184	PKS	10 50 6.9	10 52 34.01	17.06	-.07	-.53	0.544	Mg II 2798		433	432		432	780ir,1222elp,		
R		-18 29 21	-18 45 18.5					Ar IV 2854					2056	1485ubv,		
								Ar IV 2869						1686xnd,		
								Ne V 2974						2145imag		
								O III 3133								
								O II 3727								
								NeIII 3869								
								H I 4102								
								H I 4340								
								H I 4861								
								O III 4959								
								O III 5007								
1050+069		10 50 36.1	10 53 12.18					1.930	H I 1216	2179	2179			2179B(J)mag		
O		6 54 17	6 38 18.9													
1050+045		10 50 37.4	10 53 12.67					2.151	H I 1216	2179	2179			2179B(J)mag		
O		4 34 1	4 18 2.9													

TABLE 1—Continued

	OTHER NAMES	RA		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R	
1050+542 R		10 50 57.1 54 17 52	10 53 57.72 54 1 53.4	18.2			1.003	C III 1909 Mg II 2798		581 1288		1521		
1051+040 O		10 51 25.4 4 3 59	10 54 0.49 3 47 59.9				2.088	H I 1216		2179 2179			2179B(J)mag	
1054+015 O		10 54 6.3 1 35 22	10 56 40.53 1 19 19.6	18.5			1.430	C IV 1549 C III 1909		1856 1692 2217				
1054-034 O X R		10 54 10.35 -3 24 38.7	10 56 42.96 -3 40 41.2	18			2.118+	H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 C IV 1549		409 1000 409 1872 2281		1162 1000 1872	912,1488x	
1054-053 O R		10 54 37.11 -5 18 58.7	10 57 9.11 -5 35 1.8	18			1.456	C IV 1549 C III 1909		409 409		1162		
1054+020 O		10 54 39.1 2 3 58	10 57 13.48 1 47 54.9	20.0			2.290	H I 1216 C IV 1549 C III 1909		1856 1692 2217				
1054-207	J05.03	10 54 59.0 -20 44 32	10 57 25.76 -21 0 35.6	17.9			2.10			2277 2277				
1055+017 O		10 55 10.7 1 45 27	10 57 44.98 1 29 23.3	20.1			1.688	H I 1216 C IV 1549 C III 1909		1856 1692 2217				
1055+499 R	5C2.56 OL 492	10 55 17.73 49 55 39.7	10 58 13.02 49 39 35.8	19.5 *			2.399*	H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909	2.367	018 018 073 084 084 257 2049 290 2281	073 084 1818 2049 2263	084 1818 2049 2263	1818,1891pos, 308fc	
1055+019 O		10 55 19.4 1 54 9	10 57 53.72 1 38 5.1	20.5			1.064	C III 1909 Mg II 2798		1856 1692 2217				
1055+021 O		10 55 22.1 2 10 7	10 57 56.51 1 54 3.0	17.8			2.730	H I 1216 C IV 1549		1856 1692 2217				
1055+020 O		10 55 25.2 2 1 19	10 57 59.56 1 45 15.0	20.1			1.356	C IV 1549 C III 1909 Mg II 2798		1856 1692 2217				
1055+017 O		10 55 33.4 1 44 48	10 58 7.67 1 28 43.8	20.5			1.940	H I 1216 C IV 1549		1856 1692 2217				
1055+605 X	E	10 55 34 60 33 31	10 58 39.64 60 17 26.7	17.0	.20		0.149	H I 4861 O III 5007		1417 1417			1417x,1910sp	
1055+201 R	PKS 4C 20.24 OL 293 DA 292	10 55 37.59 20 7 55.3	10 58 17.95 19 51 51.1	16.25*	.44	-.81	1.11	C III 1909 Mg II 2798		052 083 290 775 1068 979 1111 1591 1804			083ubv, 1201pol,1159, 1526vlbi 1902avg ph mag	
1055-045 O R		10 55 40.18 -4 34 8.5	10 58 12.44 -4 50 12.8	17.79	.07	-.73	1.428*	C IV 1549 C III 1909	1.256	409 409 1635		1162 560 1635 2228 2263	704,1202pol, 1485ubv	
1055+021 O		10 55 40.3 2 8 35	10 58 14.69 1 52 30.7	18.9			1.647	C IV 1549 C III 1909		1856 1692 2217				
1055+016 O		10 55 51.2 1 38 28	10 58 25.43 1 22 23.5	19.7			0.497	Mg II 2798 O II 3727		1856 1692 2217				
1055+584 O	SBS 9	10 55 54 58 24 0	10 58 56.88 58 7 55.4	18			2.239*	H I 1216 Si IV 1397 C IV 1549	2.215	1285 1285		1285 2263		

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1055+018	PKS R DA 293 OL 093 4C 01.28	10 55 55.33 1 50 3.4	10 58 29.62 1 33 58.8	18.28*	.46	-.53	0.888	C III 1909 Mg II 2798					050 076 1800 1162 1856 436 1212 2217 1399 1557 1771 1792 1807 1877 1930 1937 2085					438ubv,1399ir, 936,1140,1157, 1204,1322rvar, 1388,1388rpol, 1028,1789mm, 079fc,1466, 1526vlbi,1800, 2103pol	
1056+015	O	10 56 17.8 1 33 32	10 58 52.01 1 17 26.9	20.2			2.650	H I 1216 C IV 1549					1856 1692 2217						
1056+162	UT R	10 56 25.0 16 16 50	10 59 3.95 16 0 44.8	18			1.006	C III 1909 Mg II 2798					1437 836 1437						
1056+017	O	10 56 26.7 1 45 54	10 59 0.97 1 29 48.8	20.3			2.518	H I 1216 Si IV 1397 O IV 1402 C IV 1549					1856 1692 2217						
1057+016	O	10 57 17.1 1 37 33	10 59 51.32 1 21 26.8	18.5			1.978	H I 1216 C IV 1549 C III 1909					1856 1692 2217						
1057+100	MC R	10 57 43.8 10 5 42	11 0 20.64 9 49 35.3	17.76	.39	-.74	1.317	C III 1909 Mg II 2798					166 2205			837 1086 1367		323,648, 1485ubv, 323pol,044sp, 2107,2112x, 2259imag, 648phot	
1058+110	4C 10.30 R AO OL 196	10 58 10.8 11 2 19.4	11 0 47.92 10 46 12.2	17.1 *	.04	-.74	0.423	Mg II 2798 NeIII 3869 O III 4959 O III 5007					124 121 121 462 290 775 506 789					121ubv, 1201pol, 1159vlbi, 1320rpol, 1420sp, 1420FeIIem, 1688,1700, 1884imag 2.0 arcmin from anon spiral,1650; faint gals near,2118	
1058+726	W1 R 4C 72.16 X S5	10 58 20.02 72 41 44.7	11 1 48.73 72 25 37.0	17.9			(0.375)						690 689 937 1811 1170					873x,1526vlbi	
1059+450	X	10 59 0 45 0 0	11 1 50.84 44 43 51.9				0.76	Mg II 2798 H I 4861					1867						
1059+282	GC R	10 59 31.41 28 13 17.9	11 2 14.26 27 57 9.2	19			1.861	H I 1216 C IV 1549					132 009 1520						

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES	
		DEC (1950)	DEC (2000)	Z	VAR								R	ABS				
1100+772	3CR 249.1	11 0 27.44	11 4 13.87	15.72*	-.02	-.77	0.311	Mg II 2798				008	157	006	128	008ubv,156,		
	R 4C 77.09	77 15 8.6	76 58 58.4					O II 3727				1811	085	247	462	704,1202pol,		
	X NRAO 363							NeIII 3869					098	248	775	1320rpol,1015,		
	NB 77.13							H I 4102						290	870	1355,1693,		
	PG							H I 4340						1142	937	1941,2061uv,		
	S5							H I 4861							1105	1133,1223,		
								O III 4959							1167	1362ext,912,		
								O III 5007							1235	1107,1183,		
															1476	1487,1781,		
															1891	2112x,038,324,		
															1998	336,570,1117,		
															2011	1598sp,799,		
															2013	1617,1729,		
																2005,2021ir,		
																749pos,		
																1813ir/r,		
																1526vlbi,158,		
																245fc,1947elp,		
																2099mm		
																1700imag/ext;		
																faint gals		
																near,2118		
1100-264		11 0 59.9	11 3 25.30	16.02	.06	-.71	2.152*	O VI 1034 2.1250				409	409		1162	552	780,1319,	
	O	-26 29 4.9	-26 45 15.4					H I 1216 1.8391								710	1983ir,883uv,	
	X							N V 1240 1.6532								911	1000,1138,	
	R							Si II 1263 1.4769								2281	1000	2020sp,
								Si IV 1397 1.2677								1197	1485ubv,1488x,	
								C IV 1549 1.2023								1394	2080imag	
								He II 1640 1.1869								1747	Ly alpha abs,	
								C III 1909 0.3592								1754	1197; nearby	
								0.3564								2020	gal 0.359zgal,	
								0.0000								2075	2262; 17	
																2228	arcsec from	
																2263	anon gal,0.18	
																	zgal, 1 arcmin	
																	from anon gal,	
																	0.297zgal,	
																	11.67 arcmin	
																	from anon gal,	
																	0.370zgal,2118	
1101-325	PKS	11 1 8.42	11 3 31.49	16.3 *	-.01	-.81	0.355	Mg II 2798				025	410	745	384		736ubv,761,	
	R K15.03	-32 34 51.4	-32 51 2.0					Ne V 3426				2193	2194	2054	2056		1304sp,780,	
								O II 3727									886,1617ir,	
								NeIII 3869									1222elp,	
								He 3970									1320rpol,	
								H I 4102									1526vlbi,	
								H I 4340									2145imag	
								O III 4363										
								He II 4686										
								H I 4861										
								O III 4959										
								O III 5007										
1101-232	HEAO	11 1 11.1	11 3 37.68	16.55	.45	-.61						2034					1800pol	
BL Lac X		-23 13 20	-23 29 30.7														0.186zgal,	
																	18.3vgal,2034	

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC	(1950)	DEC	(2000)							ID	Z	VAR	R	ABS	
1101+384 BL Lac C X R	MKN 421 B2 OM 303 R	11 1 40.57 38 28 43	11 4 27.32 38 12 31.9	13.82*	.51	-.55						371 715 732	535 635	661 723 875 907 970 1084 1068 1127 1142 1367 1791 1557 1902 1757 1932 1807 1933 2271	791 837 907 1084 1127 1367 1557 1757 1807	323,661ubv, 323,661,877, 900,968,1541, 1988,2062, 2167pol,900, 1011,1056, 1389phot,1185, 1348uv,1384ir, 1238,1563xvar, 668,700,829, 915,1057,1278, 1307,1534, 1542,1936, 2107,2112x, 1164,1687, 1712,2102mf, 915ubvri,1526, 2159vlbi, 637sp,723fc 0.0308xgal, 661; IRAS source,1806; 1902avg Bmag	
1103-006 R PG	PKS 4C 00.43 OM 006 PG	11 3 58.07 -0 36 37.7	11 6 31.62 -0 52 51.3	16.46	-.07	-.77	0.426	Mg II 2798 Ne V 3426 NeIII 3869 H I 4340 H I 4861 O III 4959 O III 5007				026 436	410 1111 1877 2011	789 560	736ubv,704, 1202pol,761, 1117,1181, 1304,1420, 1598sp,780, 886,1729, 2005ir, 1222elp, 1181uv, 1320rpol, 1420FeIIem, 1526vlbi,1688, 1700,2145imag, 1898pos,2112x 53 arcmin from NGC 3521,1650; faint gals near,2118		
1104+728 R	W1 R	11 4 18.10 72 48 49.8	11 7 41.84 72 32 35.7	18.9			2.10					690 1818	689	937 1818	1526vlbi 4.25 arcmin from NGC 3516, 2118		
1104+167 R	4C 16.30 OM 109 VR16.11.01 GC MC	11 4 36.66 16 44 17.1	11 7 15.07 16 28 2.9	15.7 *	.21	-.65	0.634	Mg II 2798 Ne V 3426 H I 4340 H I 4861				124 121	506 462 789 1111 1145 1888	560	121ubv,704, 1202pol,886, 1617ir,958, 1188,1420sp, 1320rpol,958, 1325, 1420FeIIem, 1526vlbi, 1688imag faint gals near,2118		
1104+058 R	PKS 4C 05.48	11 4 39.8 5 49 23	11 7 15.11 5 33 8.7	18.25			0.881	C III 1909 Mg II 2798				124 436	789				
1104-445 R	PKS R	11 4 50.37 -44 32 53.5	11 7 8.70 -44 49 8.0	18.2			1.598+	C IV 1549 N III 1750 C III 1909				095 500	787 2056	500	1526vlbi,761, 1304sp,847, 865pos, 2103pol		
1105-680 R	PKS R	11 5 17.90 -68 4 35.8	11 7 12.81 -68 20 50.7	18.4			0.588	Mg II 2798 H I 4340 H I 4861 O III 4959 O III 5007				1707 1251 1898			1526vlbi		
1105+392 R	B3 R	11 5 49.8 39 15 16	11 8 35.96 38 59 0.6	18.5			0.781	Ne IV 2424 Mg II 2798 Ne V 3426 O II 3727 NeIII 3968				1990 2270					

TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V) (U-B)		Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
	ID	Z	VAR	R	ABS										
1107+487 O		11 7 48.2 48 47 30	11 10 38.64 48 31 12.7	16.7				3.0	H I 1216		1993	1993			
1107+036 R	OTL	11 7 49.25 3 37 53.6	11 10 23.91 3 21 36.2	18.9				0.963+	N V 1240 C III 1909 Mg II 2798 O II 3727 H I 4861	0.952	680	681 578	1086	578 2228	1097sp 20 arcsec from anon gal, 0.029 xgal, 2118
1108+289 C		11 8 26.67 28 57 54	11 11 8.42 28 41 36.1	20				2.192+	H I 1216 O I 1304 C IV 1549		160	159		159	853rnd, 498fc 8.87 arcmin from NGC 3550, 6.48 arcmin from NGC 3552 and NGC 3553, 5.45 arcmin from NGC 3554, 9.57 arcmin from NGC 3558, 1.1 arcmin from NGC 3561, 2118
1109+357 X	1E	11 9 18 35 44 0	11 12 1.97 35 27 41.3	18.1				0.91			1696	1696			2174varnd 0.52 arcmin from NGC 3569, 0.027xgal, 14.5 vgal, 1696, 2118
1109+437 R	4C 43.21	11 9 52.28 43 42 19.6	11 12 39.45 43 26 0.4	19.0				1.680+	Si IV 1397 O IV 1402 C IV 1549 C III 1909		507	1288		1521 1288 1804 1996	
1109+350 R	UT	11 9 55.16 35 2 58.4	11 12 38.75 34 46 39.1	18.5				1.945	C IV 1549 C III 1909		1437	1437 1446 1447			
1110-184	J06.07	11 10 29.4 -18 24 7	11 12 58.48 -18 40 27.0	19.3				2.96			2277	2277			
1111-152	R07.04	11 11 21.1 -15 17 24	11 13 51.07 -15 33 44.7	18.7 *				3.37			2277	2277			
1111+149 R	OM 118 PKS GC	11 11 21.27 14 58 47.7	11 13 58.66 14 42 27.1	18 *				0.869	C III 1909 Mg II 2798		149	009 458 500	759	010	1526vlbi, 010fc, 761, 1304sp
1111+137 O		11 11 38.0 13 47 24	11 14 15.07 13 31 3.1	20.0				2.32	H I 1216 C IV 1549		1387	1387			
1111+136 O		11 11 50.7 13 37 54	11 14 27.71 13 21 32.9	20.7				2.49	H I 1216		1387	1387			
1111+137 O		11 11 51.1 13 43 18	11 14 28.14 13 26 56.9	21.4				2.14	H I 1216		1387	1387			
1111+408 R X	3CR 254 4C 40.28 VR40.11.01 NRAO 369 DA 298	11 11 53.28 40 53 41.2	11 14 38.70 40 37 20.1	17.98	.15	-.49	0.734	C III 1909 Mg II 2798 Ne V 3426 O II 3727 NeIII 3869		161	012		128 462 775 787 917 1111 1166 1804 1891 1996 2013		008ubv, 877pol, 1107, 1980x, 309fc, 2066sp
1112+431 C	PG	11 12 19.7 43 6 10.4	11 15 5.94 42 49 49.0	17.89				0.302			1598	1260			1729, 2005ir faint gals near, 2118
1112+136 O		11 12 46.5 13 38 18	11 15 23.45 13 21 56.1	20.3				2.37	H I 1216		1387	1387			
1113+183 O		11 13 8.4 18 21 18	11 15 46.50 18 4 55.8	18.6				2.20	H I 1216 C IV 1549		1439	1439			5.43 arcmin from NGC 3599, 2118

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC	(1950)		DEC	(2000)								ID	Z	VAR	R	ABS	
1113+137 O		11 13 13	8.4 43	11 15 13	45.35 55.8	20.3		1.74			C IV 1549 C III 1909		1387 1387						
1113+140 O		11 13 14	16.4 5 0	11 15 13	53.43 37.7	21.4		2.54			H I 1216		1387 1387						
1113+142 O		11 13 14	29.5 14 14	11 16 13	6.55 38.5	20.3		2.11			H I 1216 C IV 1549		1387 1387						
1113+142 O		11 13 14	30.1 14 14	11 16 13	7.15 13.5	21.5		3.06			H I 1216		1387 1387						
1113+182 O		11 13 18	41.9 12 53	11 16 17	19.91 30.3	19.5		1.9			H I 1216		1439 1439						7.63 arcmin from NGC 3605, 2118
1113+142 O		11 13 14	46.4 12 6	11 16 13	23.42 43.2	20.3		2.38			C IV 1549 C III 1909		1387 1387						
1114+184 O		11 14 18	19.2 28 38	11 16 18	57.22 14.8	20.3		2.20			H I 1216 C IV 1549		1439 1439						8.45 arcmin from NGC 3607, 2.5 arcmin from NGC 3608, 2118
1114+445 C R	PG	11 14 44	20.5 30 1	11 17 44	6.80 37.8	16.05		0.144			O III 4959 O III 5007		1117 1117			2011			1598sp, 1729, 2005ir, 2112x faint gals near, 2118
1114+136 O		11 14 13	24.3 39 48	11 17 13	1.15 24.7	20.2		2.10			H I 1216		1387 1387						
1114+183 O		11 14 18	46.6 19 42	11 17 18	24.54 18.4	19.7		1.9			H I 1216		1439 1439						10 arcmin from NGC 3605, 9.57 arcmin from NGC 3608, 2118
1115+536 R	OM 525	11 15 53	21.24 36 5.8	11 18 53	11.90 41.8	18.4		1.235			C IV 1549 He II 1640 C III 1909 Mg II 2798		507 580						1003sp 1795rpol jet
1115+180 O		11 15 18	33.3 2 39	11 18 17	11.10 14.8	18.1		1.90			H I 1216 C IV 1549		1439 1439						
1115+080 B C PG	B PG	11 15 8	41.5 2 24	11 18 7	16.99 59.6	18.74*	.45	1.718*			C III 1909	1.7353 1.7322 1.7304 1.7283 1.6998	845 845 1566 1598				974 1069	845sp, 943, 1398si, 893, 1597imag, 1681phot, 1729ir, 2170uv grav lens, 845, 2295	
1115+080 A 2 PG	A 2 PG	11 15 8	41.5 2 24	11 18 7	16.99 59.6	17.27*	.47	1.722					1597						1681phot, 2112x, 2170uv grav lens, 1597 2295
1115+080 A C A 1 PG	A C A 1 PG	11 15 8	41.5 2 24	11 18 7	16.99 59.6	16.99*	.49	1.728*			H I 1216 C II 1335 Si IV 1397 O IV 1402 C IV 1549 C III 1909	1.7353 1.7322 1.7304 1.7283 1.6998 0.0000	772 772 1566 1598 1901 2251 2281	2011 2263	845 974 1000 1069 1747 1969 2228 2263	943, 1398si, 845, 1000sp, 772, 1941uv, 893, 1597imag, 1681phot, 1980x, 2005ir grav lens, 845, 2295; 1.68 arcmin from anon spiral, 6.15 arcmin from UGC 6312, 1650, 2118; faint gals near, 2118 Ly alpha abs, 974;			



TABLE 1—Continued

OTHER NAMES		RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES			Z(ABS)			ID	REFERENCES				NOTES
		DEC (1950)			DEC (2000)							Z(ABS)			Z	VAR	R		ABS				
1115+080	C C PG	11 15 41.5 8 2 24	11 18 16.99 7 45 59.6	18.26*	.45			1.718*	C IV 1549 C III 1909	1.7353 1.7322 1.7304 1.7283 1.6998	845	845 1566 1598	974 1069	845sp,943, 1398si,893, 1597imag, 1681phot, 2170uv grav lens,845, 2295									
1115+407	PG C X	11 15 46.2 40 42 14	11 18 30.59 40 25 49.7	16.02				0.154	H I 4340 H I 4861		1117 1114 1117			1117Bmag, 2112x 6 arcsec from anon gal,0.154 zgal,2264									
1115+140	O	11 15 53.1 14 1 30	11 18 29.93 13 45 5.5	19.7				1.46	C IV 1549 C III 1909		1387 1387												
1116-462	PKS R	11 16 6.19 -46 17 50.1	11 18 26.93 -46 34 15.0	17.00	.30	-.44	0.713	Mg II 2798 H I 4340			162 1251 310 115 1898	023 2056		1485ubv,310, 311fc, 1526vlbi, 1617ir, 2103pol									
1116+603	SBS O	11 16 19.2 60 21 22	11 19 14.34 60 4 57.2	16.5				2.628*	LYB 1026 OVIb1 1030 O VI 1034 H I 1216 SiIVb 1400 C IV 1549		2190 2189 2240												
1116+128	PKS R 4C 12.39 DA 299 OM 127 DW	11 16 20.79 12 51 6.3	11 18 57.32 12 34 41.4	18.47*	.14	-.76	2.118*	H I 1216 C IV 1549	1.949	047 164 506 128 098 098 756 462 163 1789mm,050fc, 1068 801 2228 1466,1526vlbi, 1902 816 2263 2103pol 1792 1902avg ph mag 1937													
1116+215	PG C TON 1388 X R	11 16 30.1 21 35 43	11 19 8.66 21 19 18.0	15.17				0.177	H I 4861 O III 5007		168 1117 2011			1362spext, 1222elp, 1598sp,1701, 2061uv,1729, 2005ir,1781, 1980,2112x, 2100FeIIem faint gals near,2118									
1117+139	O	11 17 10.8 13 54 24	11 19 47.51 13 37 58.5	19.9				2.06	C IV 1549 C III 1909		1387 1387			7.8arcmin from NGC 3628,2118									
1117+136	O	11 17 12.3 13 36 6	11 19 48.94 13 19 40.4	20.7				1.75	C IV 1549 C III 1909		1387 1387												
1117+535	SBS O	11 17 18 53 30 0	11 20 7.85 53 13 34.4	18				1.921	H I 1216 N V 1240 Si IV 1397 C IV 1549		1285 1285			8.38 arcmin from NGC 3631, 2118									
1117+137	O	11 17 35.9 13 47 48	11 20 12.56 13 31 22.1	19.7				2.15	H I 1216		1387 1387			4.63 arcmin from NGC 3628, 2118									
1117-248	PKS R OM 229	11 17 41.6 -24 51 36	11 20 9.81 -25 8 2.1	17.07*	.19	-.61	0.466	Mg II 2798 O II 3727 NeIII 3869 NeIII 3968 H I 4861 O III 4959 O III 5007		011 418 736 011 745 2056			736,1485ubv, 1884,2145imag, 761,1304sp, 1222elp faint gals near,2118										
1118+138	O	11 18 5.1 13 52 18	11 20 41.74 13 35 51.8	21.2				2.43	H I 1216		1387 1387			5.68 arcmin from NGC 3628, 2118									
1118+143	O	11 18 17.2 14 19 6	11 20 53.92 14 2 39.6	20.8				2.20	H I 1216		1387 1387												

TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
									ID	Z	VAR	R	ABS
1118+609 O SBS	11 18 26.7 60 56 48	11 21 21.27 60 40 21.5	17.5			1.349	C IV 1549 He II 1640 C III 1909		2190 2240				
1118+139 O	11 18 29.1 13 54 54	11 21 5.72 13 38 27.4	20.5			(1.94)	H I 1216 C IV 1549		1387 1387				
1118+128 R 4C 12.40 MC	11 18 53.43 12 52 44.5	11 21 29.80 12 36 17.6	18 *			(0.685)	Mg II 2798		009 009	506	789 1111 1888		506fc
1119+612 O SBS	11 19 37.5 61 12 37	11 22 31.68 60 56 9.7	18.5			1.988	H I 1216 N V 1240 Si IVb 1400 C IV 1549 C III 1909		2190 2240				
1119+183 R OM 133	11 19 52.26 18 21 54	11 22 29.73 18 5 26.4	18.03*			1.04	C III 1909 Mg II 2798		132 009	875 458 1068 1902			165fc, 1526vlbi 1902avg ph mag
1120+019 O UM 425	11 20 46.6 1 54 16	11 23 20.70 1 37 47.7	16			1.465	C IV 1549 He II 1640 C III 1909 Mg II 2798		922 1956 922				2010imag, 2174varnd, 225isp grav lens,1956
1121+612 O SBS	11 21 12.3 61 17 21	11 24 5.73 61 0 52.5	18.5			0.912	C III 1909 Mg II 2798		2190 2240				
1121+595 O SBS	11 21 45.2 59 32 58	11 24 37.03 59 16 29.1	19.0			1.024	C III 1909 Mg II 2798		2190 2240				
1121+423 C PG	11 21 55.7 42 18 15	11 24 39.11 42 1 46.0	16.02			0.224	H I 4340 H I 4861 O III 5007		1117 1700 1117				1598sp, 1700imag,1729, 2005ir,2112x faint gals near,2118
1122-168 R07.27	11 22 12.3 -16 48 41	11 24 42.83 -17 5 10.4	17.7 *			2.95			2277 2277				
1123+594 O SBS	11 23 2.6 59 26 52	11 25 53.73 59 10 22.3	16.5			0.858	C III 1909 Mg II 2798		2190 2240				
1123+441 R W1	11 23 7.17 44 8 1.2	11 25 50.88 43 51 31.4	19.1	.24	-.89	(0.48)			530 689				689ubv
1123+002 O UM 427	11 23 8.5 0 17 30	11 25 42.29 0 1 0.0	17			1.690	C IV 1549 C III 1909 Mg II 2798		922 1968				
1123+264 R B2 PB 2704	11 23 14.86 26 26 49.9	11 25 53.71 26 10 20.0	17.5			2.341	H I 1216 N V 1240 C IV 1549		149 458				1526vlbi
1123+356 C CSO 340	11 23 32.6 35 36 36	11 26 13.62 35 20 5.9	17			1.285	C III 1909 Mg II 2798		1883 1992				1992Bmag amid small group gals, 2118
1123+275 C US 2416	11 23 38.5 27 33 50	11 26 17.54 27 17 19.8	18.3			1.212			1303 1492				
1123+434 R W1	11 23 49.41 43 26 7.4	11 26 32.69 43 9 37.1	18.4	.58	-.28	(2.014)			530 689		1521 2162		689ubv
1124+571 R OM 540/4	11 24 51.3 57 6 43	11 27 40.13 56 50 12.1	19.0			2.890	H I 1216 Si IV 1397 O IV 1402 C IV 1549		581 1288		2162		2.87 arcmin from NGC 3683, 2118
1124+271 C US 2450	11 24 57.6 27 11 24	11 27 36.36 26 54 53.0	17.0			0.378			1303 1492				
1125+584 O SBS	11 25 30 58 26 0	11 28 19.31 58 9 28.7	17.5 *			1.394	C IV 1549 C III 1909		1285 1285 1285 2190 2240				
1125-130 R07.16	11 25 47.0 -13 2 50	11 28 18.52 -13 19 21.7	16.61			0.43			2277 2277				

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1126+581	SBS		11 26 37.4	11 29 26.01	19.0					1.160	C III 1909 Mg II 2798		2190 2240					
	O		58 7 19	57 50 47.0														
1126+101	PKS		11 26 38.7	11 29 14.10	18 *					1.516*	O IV 1402 C IV 1549 C III 1909	1.5169 1.5095 1.4383	166 044 1901	560 048 1586 571 1818 1635			560	
	R		10 8 32	9 51 59.8								0.002					2263	
1127+078			11 27 0	11 29 35.00						2.661	H I 1216	1.4383	1550					
	O		7 48 0	7 31 27.6														
1127-145	PKS		11 27 35.72	11 30 7.11	16.74*	.27	-.70			1.187	C IV 1549 He II 1640 C III 1909 Mg II 2798		112 101 2054	128				112,1485ubv, 1202,2103pol, 761,1304sp, 801,1483rvar, 847pos,1241x, 1466,1526vlbi, 077,109fc, 1789mm 1902avg ph mag nearby gal, 0.313zgal,2118 2262;9.5arcsec from anon gal, 2118
	R DW		-14 32 54.7	-14 49 27.6														
	X OM 146																	
1127+078	H1140+010		11 27 42.52	11 30 17.50						2.668	O VI 1034 H I 1216 C IV 1549		2279 2279					
			7 48 52.8	7 32 20.0														
1127+006			11 27 57.66	11 30 31.50	18.2					0.993			2183 2183					2183B(J)mag, 2183neml
	O		0 37 7.7	0 20 34.7														
1127+074	KP 6		11 27 58.0	11 30 32.91	20.5					(2.0)			457 853					
	O		7 29 5	7 12 32.0														
1128+105			11 28 0	11 30 35.40						2.645	H I 1216		1550					
	O		10 31 0	10 14 27.0														
1128+574	SBS		11 28 0	11 30 47.60	18.5					2.231+	H I 1216 Si IV 1397 C IV 1549		1285 1285				1285	
	O		57 25 0	57 8 27.2														
1128+105	H1140+030		11 28 2.88	11 30 38.27						2.639	H I 1216 C IV 1549		2279 2279					
			10 31 21.7	10 14 48.7														
1128-023			11 28 3.62	11 30 36.99	18.3					0.580			2183 2183					2183B(J)mag
	O		-2 20 56.4	-2 37 29.5														
1128+072	KP 7		11 28 14.2	11 30 49.07	19.0					2.12			457 853					853rnd
	O		7 17 22	7 0 48.9														
1128+315	B2		11 28 30.34	11 31 9.45	16.53					0.289	Mg II 2798 H I 4340 H I 4861 O III 4959 O III 5007		138 009 1303 1255					704,1202pol, 1319ir, 2137Bmag, 2137varnd 1259,1700imag/ ext; 0.117, 0.467,0.583 arcmin from 3 anon gals,1650 7 arcsec from anon gal, 0.2896zgal,28 arcsec from anon gal,35 arcsec from anon gal, 0.2920zgal, 2118;
	C PB 2843 LB 10236 TON 580 US 2538		31 30 39.9	31 14 6.7														
1128+003			11 28 32.77	11 31 6.57	18.0					1.379			2183 2183					2183B(J)mag
	O		0 22 12.0	0 5 38.7														
1128+074	KP 8		11 28 43.6	11 31 18.49	19.5					2.31	H I 1216 C IV 1549		457 867					853rnd
	O		7 29 16	7 12 42.6														
1128-288	K03.02		11 28 49.6	11 31 18.54	18.36					2.30			2277 2277					
			-28 50 19	-29 6 52.6														

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
1129-023 O		11 29 7.84 -2 18 50.1	11 31 41.23 -2 35 23.8	17.4					1.246		2183 2183				2183B(J)mag 2183strong uvFeIIem	
1129+001 O		11 29 42.81 0 9 42.3	11 32 16.57 -0 6 51.7	18.3					0.961		2183 2183				2183B(J)mag	
1129+315 C	US 2571	11 29 51.2 31 33 10	11 32 30.08 31 16 36.1	18.2					1.145		1303 1492					
1129-024 O		11 29 56.65 -2 29 46.8	11 32 30.03 -2 46 20.9	17.7					0.333		2183 2183				2183B(J)mag	
1130+105 O	C	11 30 9.4 10 33 44	11 32 44.69 10 17 9.8	19					1.61		645 645					
1130+003 O		11 30 14.40 0 18 30.7	11 32 48.19 0 1 56.4	18.2					1.255		2183 2183				2183B(J)mag	
1130+106 R OM 150 MC 2 A	4C 10.33	11 30 24.19 10 40 16.8	11 32 59.48 10 23 42.5	17.49*	.11	-.63	0.54	Mg II 2798 H I 4340 H I 4861		124 121 506 462 645 789 1111 1888					121,1485ubv, 1188sp, 1320rpol,343, 645fc	
1130+005 O		11 30 29.14 0 32 24.1	11 33 2.96 0 15 49.7	18.6					1.173		2183 2183				2183B(J)mag	
1130+107 O	B	11 30 30.3 10 42 53	11 33 5.59 10 26 18.6	19.4					2.12		645 645					
1130+284 C	US 2599	11 30 36.6 28 28 36	11 33 14.76 28 12 1.6	17.52				Mg II 2798		1303 1255					2137Bmag, 2137varnd	
1130+109 O	Z	11 30 44.2 10 58 24	11 33 19.52 10 41 49.5	19.9					1.72		645 645					
1130+111 O	Y	11 30 55 11 8 58	11 33 30.33 10 52 23.4	16.9					0.51		645 645					
1131+112 O	X	11 31 0.3 11 14 53	11 33 35.64 10 58 18.4	19					2.15		645 645					
1131+358 C	CSO 352	11 31 3.5 35 48 12	11 33 43.02 35 31 37.4	17				H I 4102 H I 4340 H I 4861 O III 4959 O III 5007 He I 5876 H I 6563 S II 6717		1883 1992					FeIIem,Bmag, 5 arsec from faint gal, 1992,2118	
1131+118 H1140+032		11 31 4.59 11 51 25.3	11 33 40.02 11 34 50.6					H I 1216 C IV 1549		2279 2279						
1131+012 O		11 31 11.67 1 14 49.0	11 33 45.59 0 58 14.2	18.4					1.939		2183 2183				2183B(J)mag	
1131+113 O	J	11 31 15 11 19 0	11 33 50.34 11 2 25.2						2.05		1409 1409					
1131-012 O		11 31 22.15 -1 12 38.5	11 33 55.72 -1 29 13.4	18.4					1.251		2183 2183				2183B(J)mag	
1131+115 O	M	11 31 35 11 30 0	11 34 10.35 11 13 25.1						2.31		1409 1409					
1131+106 O	B	11 31 35 10 40 0	11 34 10.23 10 23 25.1						2.16		1409 1409					
1131-007 O		11 31 39.22 -0 43 12.5	11 34 12.86 -0 59 47.5	18.6					2.160		2183 2183				2183B(J)mag	
1131+113 O	K	11 31 50 11 21 0	11 34 25.31 11 4 24.9						1.97		1409 1409					
1131-006 O		11 31 58.55 -0 39 13.1	11 34 32.20 -0 55 48.3	17.9					0.268		2183 2183				2183B(J)mag	

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	Z	VAR								R	ABS			
1132+472 C	NGC 3726 BSO 1	11 32 47	6.0 17 0	11 34 47	48.08 0 24.9	18.4			1.13			547				1.67 arcmin from anon gal, 0.0320zgal, 16.45 arcmin from NGC 3726, 2118	
1132+303 R	3C 261 4C 30.22 NRAO 378 OM 356 B2 PB 2964 LB 10265	11 32 30	16.25 22 2.3	11 34 30	54.49 5 27.1	18.24	.24	-.56	0.614	Mg II 2798 Ar IV 2854 O II 3727 NeIII 3869		008	102 032 101	462 774 775 1891 2092		008ubv,831sp, 1320rp01,033, 113,139fc	
1132-030 O		11 32 -3	31.46 2 15.8	11 35 -3	4.80 18 51.3	17.0			0.237			2183	2183			2183B(J)mag	
1132-009 O		11 32 -0	41.28 54 37.1	11 35 -1	14.90 11 12.7	18.0			2.756			2183	2183			2183B(J)mag	
1132-002 O		11 32 -0	49.18 13 21.5	11 35 -0	22.89 29 57.1	17.7			0.955			2183	2183			2183B(J)mag	
1132-008 O		11 32 -0	54.73 53 47.7	11 35 -1	28.36 10 23.4	18.3			1.354			2183	2183			2183B(J)mag	
1133+006 O		11 33 0	7.33 39 11.8	11 35 0	41.16 22 36.0	17.9			0.18			2183	2183			2183B(J)mag	
1133+704 BL Lac C X R	MKN 180 S5	11 33 70	32.40 26 4.2	11 36 70	26.46 9 28.4	14.49	.67	-.22				664 1811	535 635	1200 1367 1615 1757		703pol,1250mf, 964,1088,1925, 2107,2112x, 1348uv,211fc, 664sp,1426ubv, 2259imag 0.0458zgal, 146; IRAS source,1806;	
1133+004 O		11 33 0	32.49 28 32.8	11 36 0	6.29 11 56.8	18.5			0.11			2183	2183			2183B(J)mag	
1133+131 O	H1140+038	11 33 13	41.50 6 15.3	11 36 12	16.94 49 39.3	18.8			2.875	O VI 1034 H I 1216 C IV 1549		1440	1440 2279				
1133+022 O		11 33 2	57.84 14 37.9	11 36 1	31.87 58 1.7	18.4			1.467			2183	2183			2183B(J)mag	
1134+301 C	US 2694	11 34 30	17.2 8 8	11 36 29	55.06 51 31.8	18.3			1.858			1303	1492				
1134+018 O		11 34 1	28.05 52 58.9	11 37 1	2.03 36 22.5	18.8			1.643			2183	2183			2183B(J)mag	
1134+349 R		11 34 34	30.46 58 32.0	11 37 34	9.11 41 55.7	19.2			0.832			1446	1447				
1134+019 O		11 34 1	32.86 56 24.8	11 37 1	6.84 39 48.4	17.5			0.19			2183	2183			2183B(J)mag	
1134+106	H1140+029	11 34 10	35.18 39 26.6	11 37 10	10.24 22 50.2				1.590	C IV 1549		2279	2279				
1134+069	H1140+003	11 34 6	36.59 57 11.7	11 37 6	11.19 40 35.3				2.044	H I 1216 Si IV 1397 C IV 1549		2279	2279				
1134-026 O		11 34 -2	41.81 37 59.6	11 37 -2	15.23 54 36.1	18.6			1.758			2183	2183			2183B(J)mag, 2183neml	
1135+025 O		11 35 2	1.59 32 10.0	11 37 2	35.64 15 33.3	18.4			0.996			2183	2183			2183B(J)mag	
1135+006 O		11 35 0	8.08 40 28.4	11 37 0	41.91 23 51.7	18.4			0.721			2183	2183			2183B(J)mag	

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES	
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	ABS		
1135+007 O	UM 443	11 35 15.9 0 44 13	11 37 49.73 0 27 36.2	17					0.804+	C III 1909		922 2130 LBQS 2183					2130BAL?	
1135-029 O		11 35 26.87 -2 55 11.4	11 38 0.27 -3 11 48.3	18.3					2.407			2183 2183					2183B(J)mag	
1135+019 O		11 35 49.75 1 56 2.4	11 38 23.72 1 39 25.4	18.7					1.043			2183 2183					2183B(J)mag	
1135+018 O		11 35 58.04 1 51 4.5	11 38 32.00 1 34 27.4	18.0					0.380			2183 2183					2183B(J)mag	
1136-029 O		11 36 9.32 -2 57 27.2	11 38 42.73 -3 14 4.4	18.5					0.213			2183 2183					2183B(J)mag	
1136+595 O	SBS	11 36 15.9 59 30 25	11 39 0.65 59 13 48.0	17.0					0.114	O III 4959 H I 6563		2190 1285 2191						
1136-011 O		11 36 30.76 -1 9 47.5	11 39 4.37 -1 26 24.8	18.5					1.378			2183 2183					2183B(J)mag	
1136+000 O		11 36 35.90 0 0 28.9	11 39 9.65 -0 16 8.5	17.7					0.14			2183 2183					2183B(J)mag	
1136-135 R OM 161 MSH 11-18 DW	PKS	11 36 38.51 -13 34 5.9	11 39 10.70 -13 50 43.3	16.08	.07	-.66	0.557	Mg II 2798 Ar IV 2854 Ar IV 2869 Ne V 3426 O II 3727 NeIII 3869 H I 4102 H I 4340			112 054			128 775 2056 2092			761,1188,1304, 1420sp,057fc, 736,1485ubv, 1420FeIIem, 1526vlbi, 2103pol	
1136+122 O		11 36 44.16 12 14 45.4	11 39 19.29 11 58 8.1	17.6					2.894*	H I 1216 Si IV 1397 O IV 1402 C IV 1549	2.0744 1.7890 0.3168	1440 1440			1550 1551 2115 2228 2263			damped Ly alpha, z= 1.7890, 2115
1136+016 O		11 36 45.04 1 41 34.9	11 39 18.98 1 24 57.5	18.6					0.644			2183 2183					2183B(J)mag	
1137+008 O		11 37 9.22 0 51 59.1	11 39 43.06 0 35 21.5	18.3					0.874			2183 2183					2183B(J)mag	
1137+660 R 4C 66.13 X NRAO 381 DA 305	3CR 263	11 37 9.34 66 4 26.9	11 39 57.07 65 47 49.6	16.32*	.18	-.56	0.652	Mg II 2798 Ar IV 2854 Ar IV 2869 Ne V 2974 O II 3727 NeIII 3968 H I 4102	0.655		008 1467 085 247 157 248	128 128 462 462 534 534	157 157 2228 2228				007,008ubv, 156,704, 1202pol,1355, 1693,1941uv, 696,912,1107, 1781x,793, 1159,1480, 1526vlbi,776, 1188sp,749pos, 1617ir,245fc, 1469FeIIem, 1688imag, 2180spext superluminal source,1827; faint gals near,2118	
1137+659 X	1E	11 37 29.1 65 55 23.5	11 40 16.52 65 38 46.0	19.48					0.397	Mg II 2798 H I 4861		1233 1233					1233x	
1137-008 O		11 37 30.66 -0 48 49.8	11 40 4.32 -1 5 27.5	18.0					0.347			2183 2183					2183B(J)mag	
1137+011 O		11 37 42.81 1 10 29.7	11 40 16.68 0 53 51.9	18.2					1.138			2183 2183					2183B(J)mag	
1137+305 C	US 2778	11 37 46.1 30 33 30	11 40 23.44 30 16 52.3	16.89					1.578	C IV 1549 C III 1909		1303 1255					2137Bmag, 2137varnd	
1137-127	R08.06	11 37 53.9 -12 43 48	11 40 26.28 -13 0 26.0	17.2 *					2.29			2277 2277						

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1138-011 O		11 38 8.63 -1 7 30.2	11 40 42.26 -1 24 8.2	18.1					2.756			2183 2183					2183B(J)mag
1138+002 O		11 38 9.88 0 15 11.6	11 40 43.65 -0 1 26.4	18.6					1.760			2183 2183					2183B(J)mag
1138-014 O		11 38 37.98 -1 26 28.7	11 41 11.58 -1 43 6.9	18.5					1.266			2183 2183					2183B(J)mag, 2183nem1
1138+584 O	SBS	11 38 38.5 58 26 30	11 41 21.68 58 9 52.1	18.0					1.699*	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1285 2189 2190 2240					
1138+040 C	PG	11 38 42.4 4 3 38	11 41 16.56 3 46 59.8	16.05					1.877*	Si IV 1397 O IV 1402 C IV 1549	1.5840	1117 1117 1872		2011 1872 2228 2263		1598sp,1729, 2005ir,2112x faint gals near,2118	
1138+000 O		11 38 43.87 0 3 48.0	11 41 17.62 -0 12 50.2	17.9					0.500			2183 2183					2183B(J)mag
1138+020 O		11 38 47.81 2 4 42.7	11 41 21.77 1 48 4.5	17.6					0.383			2183 2183					2183B(J)mag
1138+022 O		11 38 53.15 2 16 12.0	11 41 27.13 1 59 33.7	18.6					0.687			2183 2183					2183B(J)mag
1139+592 O	SBS	11 39 13.5 59 17 51	11 41 56.72 59 1 12.8	18.0					0.383	Mg II 2798		1285 2240					
1139+011 O		11 39 24.66 1 6 5.9	11 41 58.52 0 49 27.4	18.3					0.462			2183 2183					2183B(J)mag
1139-027 O		11 39 32.21 -2 43 45.2	11 42 5.69 -3 0 23.7	18.4					1.132			2183 2183					2183B(J)mag
1139+286 C	US 2813	11 39 33.0 28 39 36	11 42 9.79 28 22 57.6	17.59					1.691	C IV 1549 C III 1909		1303 1255					2137Bmag, 2137varnd
1139+305 C	US 2816	11 39 35.3 30 32 52	11 42 12.33 30 16 13.6	17.36					0.479	Mg II 2798		1303 1255					2137Bmag, 2137varnd
1139-016 O		11 39 36.26 -1 39 47.1	11 42 9.85 -1 56 25.6	18.5					1.925			2183 2183					2183B(J)mag
1139-006 O		11 39 37.87 -0 37 5.9	11 42 11.56 -0 53 44.4	18.4					1.913			2183 2183					2183B(J)mag
1139-029 O		11 39 37.91 -2 57 36.0	11 42 11.37 -3 14 14.6	18.0					1.027			2183 2183					2183B(J)mag
1139+285 C	US 2828	11 39 49.5 28 33 46	11 42 26.23 28 17 7.5	17.19					1.607	C IV 1549 C III 1909		1303 1255					2137Bmag, 2137varnd
1140+022 O		11 40 3.01 2 12 32.7	11 42 36.97 1 55 54.0	16.7					0.12			2183 2183					2183B(J)mag
1140-009 O		11 40 14.54 -0 54 18.0	11 42 48.20 -1 10 56.8	18.0					0.223			2183 2183					2183B(J)mag
1140-215	J07.05	11 40 19.6 -21 30 4	11 42 51.23 -21 46 42.9	16.9					0.39			2277 2277					
1140+024 O		11 40 45.65 2 28 25.7	11 43 19.63 2 11 46.8	18.2					0.451			2183 2183					2183B(J)mag
1141-014 O		11 41 8.32 -1 27 55.7	11 43 41.94 -1 44 34.8	16.3					0.10			2183 2183					2183B(J)mag
1141-006 O		11 41 13.40 -0 38 9.8	11 43 47.09 -0 54 48.9	18.5					0.520			2183 2183					2183B(J)mag

TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
									ID	Z	VAR	R	ABS	
1141+202 X	QSO 1 11 41 21.8 20 13 31.9	11 43 57.41 19 56 52.9	18.5			0.335	Mg II 2798 Ne V 3345 Ne V 3426 H I 4861 O III 5007 H I 6563		1286 1231					1231fc,1286x 73 arcsec from NGC 3842,1231; 3.32 arcmin from NGC 3837, 7.83 arcmin from NGC 3840, 1.88 arcmin from NGC 3841, 25.95 arcmin from NGC 3862, 1.3arcmin from NGC 3842, 4.83 arcmin from NGC 3844, 3.42 arcmin from NGC 3845, 5.12 arcmin from NGC 3851,2118
1141-023 O	11 41 21.90 -2 22 0.3	11 43 55.44 -2 38 39.5	18.1			1.394			2183 2183					2183B(J)mag
1141+202 R	QSO 3 11 41 29.7 20 12 42	11 44 5.29 19 56 2.9	21			2.205	Si IV 1397 C IV 1549 C III 1909		1298 1298		1298 2162			73 arcsec from NGC 3842,1298; 3.6arcmin from NGC 3837, 9.03 arcmin from NGC 3840, 2.93 arcmin from NGC 3841, 24.7 arcmin from NGC 3862, 1.23 arcmin from NGC 3842, 5.77 arcmin from NGC 3844, 3.63 arcmin from NGC 3845, 3.93 arcmin from NGC 3851,2118
1141+202 X	QSO 2 11 41 30.4 20 14 15.9	11 44 5.99 19 57 36.8	18.5			0.946*	C III 1909 O II 2470 H I 4340	0.947 0.928	1286 1231				1231 2263	1231fc,1286x 59 arcsec from NGC 3842,1231; 4.87 arcmin from NGC 3837, 7.62 arcmin from NGC 3840, 1.8arcmin from NGC 3841,25.37 arcmin from NGC 3862, 1.0 arcmin from NGC 3842, 4.32 arcmin from NGC 3844, 2.07 arcmin from NGC 3845, 2.97 arcmin from NGC 3851, 9.87 arcmin from NGC 3861B,2118
1141+024 O	11 41 33.34 2 27 18.7	11 44 7.30 2 10 39.5	17.7			0.217			2183 2183					2183B(J)mag
1141+015 O	11 41 49.65 1 33 56.0	11 44 23.53 1 17 16.7	18.3			1.756			2183 2183					2183B(J)mag
1142+102 O	11 42 2.08 10 15 50.2	11 44 36.71 9 59 10.9	19.2			3.152*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1440 1440					Ly limit abs, 2247
1142+016 O	11 42 6.41 1 38 23.2	11 44 40.30 1 21 43.8	18.6			2.424+			2183 2183					2183B(J)mag, 2183nøml



TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1142+275 C	US 2895	11 42 29.8 27 30 5	11 45 6.00 27 13 25.6	17.9			1.393			1303 1492					
1142+016 O		11 42 31.92 1 39 20.3	11 45 5.81 1 22 40.8	18.3			1.139			2183 2183					2183B(J)mag
1142+052 R	PKS	11 42 47.16 5 12 6.2	11 45 21.33 4 55 26.6	19.5			1.342*	C IV 1549 C III 1909 Mg II 2798	1.343 1.307	412 1861			1861 1861 2263		
1142-023 O		11 42 52.62 -2 18 5.8	11 45 26.19 -2 34 45.4	18.4			0.446			2183 2183					2183B(J)mag
1143+099 O		11 43 0 9 59 0	11 45 34.56 9 42 20.4				2.611	H I 1216		1550					
1143+017 O		11 43 17.77 1 42 46.4	11 45 51.66 1 26 6.7	18.5			2.281			2183 2183					2183B(J)mag
1143+026 O		11 43 31.38 2 41 18.5	11 46 5.34 2 24 38.7	18.6			0.963			2183 2183					2183B(J)mag
1143+099	H1140+021	11 43 33.60 9 59 0.1	11 46 8.13 9 42 20.3				2.615	O VI 1034 H I 1216 Si IV 1397 C IV 1549		2279 2279					
1143-245 R	PKS OM 272	11 43 36.4 -24 30 53	11 46 8.14 -24 47 33.0	18.5			1.95			011 688			011 2056		1526vlbi, 1125, 1617ir, 213fc, 865pos
1144+115 O		11 44 0 11 33 0	11 46 34.63 11 16 20.1				2.438	H I 1216		1550					
1144+005 O		11 44 13.93 0 30 30.4	11 46 47.72 0 13 50.4	18.4			0.941			2183 2183					2183B(J)mag
1144+015	H1140+035	11 44 24.07 1 33 3.2	11 46 57.94 1 16 23.1				2.53	H I 1216 N V 1240 C IV 1549		2279 2279					
1144+016 O		11 44 26.06 1 40 32.3	11 46 59.93 1 23 52.2	18.5			2.587			2183 2183					2183B(J)mag
1144-379 R	PKS	11 44 30.92 -37 55 30.6	11 47 1.43 -38 12 10.9	16.2 *	.50	-.40	(1.048)	Mg II 2798		702 1984 847	1800 1441 2054 2056				886ir, 702ubv, 702sp, 702rvar, 1526vlbi, 1800, 2103pol, 2112x IRAS source, 1806
1144-012 O		11 44 44.37 -1 15 27.7	11 47 18.03 -1 32 7.9	18.1			0.382			2183 2183					2183B(J)mag
1145-006 O		11 45 11.85 -0 39 29.7	11 47 45.56 -0 56 10.0	18.1			1.942			2183 2183					2183B(J)mag
1145+002 O		11 45 15.89 0 15 30.3	11 47 49.66 -0 1 10.0	18.4			1.263			2183 2183					2183B(J)mag
1145-071 R	PKS OM 076 A	11 45 18.30 -7 8 0.2	11 47 51.56 -7 24 40.5	17.5			1.342	C IV 1549 C III 1909		011 1304			011 1728 1745 2085		761sp, 1526vlbi, 1810pos binary system, 4.2 arcsec from B, 1728
1145+013 O		11 45 18.82 1 21 10.8	11 47 52.67 1 4 30.5	18.6			2.076			2183 2183					2183B(J)mag
1145-071 O	B	11 45 21.6 -7 8 3.6	11 47 54.87 -7 24 44.0				1.345	C IV 1549 C III 1909		1745 1728					binary system, 1728
1145-008 O		11 45 21.85 -0 49 9.3	11 47 55.55 -1 5 49.6	18.6			1.253			2183 2183					2183B(J)mag
1145-022 O		11 45 31.69 -2 16 24.4	11 48 5.29 -2 33 4.8	17.8			(0.566)			2183 2183					2183B(J)mag

TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
									ID	Z	VAR	R	ABS
1145+321 US 2978 C	11 45 42.7 32 10 50	11 48 18.83 31 54 9.8	17.14			0.549	Mg II 2798		1303 1255				2137Bmag, 2137varnd
1145+013 O	11 45 43.07 1 20 37.9	11 48 16.91 1 3 57.5	18.6			1.620			2183 2183				2183B(J)mag
1145+025 O	11 45 56.20 2 35 10.1	11 48 30.12 2 18 29.7	17.9			1.216			2183 2183				2183B(J)mag
1146+111 K O	11 46 0 11 11 0	11 48 34.49 10 54 19.6	18.9			2.22			645 645				
1146+111 P O	11 46 0 11 11 0	11 48 34.49 10 54 19.6	19.5			1.89			645 645				
1146+111 J O	11 46 0 11 11 0	11 48 34.49 10 54 19.6	18.2			1.67			645 645				
1146+111 H O	11 46 0 11 11 0	11 48 34.49 10 54 19.6	18.9			1.93			645 645				
1146-023 O	11 46 4.86 -2 18 44.9	11 48 38.47 -2 35 25.4	18.5			1.347			2183 2183				2183B(J)mag
1146+111 C O	11 46 4.92 11 6 57.1	11 48 39.40 10 50 16.7	18.9			1.01	C III 1909 C II 2326 Ne IV 2439 Mg II 2798		742 742 645				1556,1599sp, 1640imag, 645fc,1738uv grav lens?, 1683
1146+110 B O E	11 46 7.83 11 3 50.6	11 48 42.30 10 47 10.2	18			1.10	C III 1909 C II 2326 Ne IV 2439 Mg II 2798		742 742 645				1292sp,645fc
1146+110 A O B	11 46 9.84 11 4 38	11 48 44.31 10 47 57.6	19.5			1.01	C III 1909 C II 2326 Mg II 2798		742 742 645				1556,1599sp, 1640imag, 1738uv,645fc 2.6arcmin from 1146+111C,1599 grav lens?, 1683
1146+111 MC 2 R	11 46 13.33 11 11 38.9	11 48 47.80 10 54 58.4	18.5			0.863	C III 1909 C II 2326 Mg II 2798 O II 3727		343 019 645 742		1111 1888		1202pol,020, 645,742fc
1146+110 D O	11 46 17.12 11 5 6.9	11 48 51.58 10 48 26.4	18.1			2.12 +	H I 1216 N V 1240 O IV 1402 C IV 1549 C III 1909		742 742 645			1292	1292sp,645fc
1146+562 W1 R	11 46 18.2 56 15 7.3	11 48 57.32 55 58 27.0	19.2			(0.958)			690 689				7.55 arcmin from NGC 3898, 2118
1146-037 PKS R X	11 46 22.36 -3 47 29.1	11 48 55.88 -4 4 9.7	16.9	.06	-.74	0.341	Mg II 2798 Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		026 410 436		789 1111		736,1451ubv, 704,1202pol, 761,1032,1181, 1304sp,886ir, 940ext, 1320rpol, 1222elp,1181, 2061uv, 1526vlbi,1686, 1781x,1700, 2145imag, 2100FeIIem faint gals near,2118
1146+021 O	11 46 26.44 2 7 57.4	11 49 0.33 1 51 16.8	18.3			2.054			2183 2183				2183B(J)mag
1146-014 O	11 46 40.25 -1 28 14.5	11 49 13.91 -1 44 55.1	16.6			0.461			2183 2183				2183B(J)mag

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
1146-107 O		11 46 40.48 -10 47 11.0		11 49 13.56 -11 3 51.7		19.09			1.382			2185	2185		2185B(J)mag	
1146-191	J07.06	11 46 45.2 -19 11 1		11 49 17.74 -19 27 41.8		19.2			2.00			2277	2277			
1147+084 O		11 47 0 8 25 0		11 49 34.26 8 8 19.3					2.627	H I 1216		1550				
1147-108 O		11 47 3.77 -10 50 31.9		11 49 36.87 -11 7 12.7		18.37			(0.703)			2185	2185		2185B(J)mag	
1147-111 O		11 47 5.04 -11 10 50.8		11 49 38.12 -11 27 31.6		21.18			2.312			2185	2185		2185B(J)mag	
1147+020 O		11 47 10.59 2 2 23.3		11 49 44.46 1 45 42.6		18.4			1.460			2183	2183		2183B(J)mag	
1147+074	H1140+000	11 47 17.90 7 29 13.9		11 49 52.09 7 12 33.2					1.787	C IV 1549		2279	2279			
1147-109 O		11 47 28.02 -10 58 9.3		11 50 1.14 -11 14 50.2		20.39			2.013			2185	2185		2185B(J)mag	
1147-110 O		11 47 37.13 -11 4 21.4		11 50 10.25 -11 21 2.3		20.22			(0.482)			2185	2185		2185B(J)mag	
1147+339 R	UT	11 47 43.7 33 58 25		11 50 19.60 33 41 44.3		18.5			1.49	C IV 1549 C III 1909		1437	1437			
1147+245 BL Lac R X	B2 OM 280 GC	11 47 44 24 34 35		11 50 19.22 24 17 54.3		16.66*	.46	-.57				149	970 837 2134 1086 1367 1557		323,648ubv, 323,642,1541, 1988,2046, 2062pol, 1012ir, 1389phot,009, 044sp,100fc, 1441,2107, 2112x, 1526vlbi IRAS source, 1806; 1902avg Bmag	
1147+017 O		11 47 44.46 1 47 16.1		11 50 18.31 1 30 35.2		18.6			1.007			2183	2183		2183B(J)mag	
1147-112 O		11 47 46.53 -11 12 9.7		11 50 19.65 -11 28 50.6		20.13			2.455			2185	2185		2185B(J)mag	
1147+084	H1140+012	11 47 49.36 8 25 36.7		11 50 23.59 8 8 55.9					2.628	H I 1216 N V 1240 C IV 1549		2279	2279			
1147+004 O		11 47 49.83 0 25 19.7		11 50 23.61 0 8 38.8		18.1			0.13			2183	2183		2183B(J)mag	
1148+568 R	W1	11 48 7.63 56 49 36.9		11 50 46.07 56 32 56.2		20.5			1.782			690	689	1818	1818pos	
1148-001 R	PKS 4C 00.47 OM 080 DW UM 458	11 48 10.14 -0 7 14.2		11 50 43.89 -0 23 55.2		17.14*	.41	-1.07	1.980*	H I 1216 1.9861 N V 1240 1.4669 Si IV 1397 1.2741 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909 C II 2326	112 101 253 128 327 596 290 789 1000 922 1068 1162 1394 1872 1902 1385 1872 1901 2054 1557 1901 2183 1792 2228 2251 1877 2281				112,1485ubv, 847pos,1000, 1032,1181, 1242sp,1617ir, 1526vlbi, 077fc, 1204rvar, 1789mm, 2103pol, 2183neml 1902avg ph mag	
1148-109 O		11 48 17.57 -10 57 32.2		11 50 50.74 -11 14 13.2		19.79			2.354			2185	2185		2185B(J)mag	
1148-005 O		11 48 18.58 -0 33 36.3		11 50 52.31 -0 50 17.3		17.7			0.800			2183	2183		2183B(J)mag 2183strong uvFeIIem	

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1148-171 R	PKS OM 181	11 48 30.45 -17 7 19.9	11 51 3.29 -17 24 1.0	19				1.751			H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		011	501			011 2056	761,1304sp, 412fc, 1526vlbi	
1148+477 R	4C 47.33	11 48 32.28 47 45 36.1	11 51 9.28 47 28 55.3	18.0				0.867			C III 1909 Mg II 2798		153	1288 1989			507 534 1166	073,133sp, 1989fc	
1148+009 O		11 48 41.61 0 55 7.6	11 51 15.41 0 38 26.5	18.1				1.887					2183	2183				2183B(J)mag	
1148+549 C R	PG LB 2126	11 48 42.6 54 54 13	11 51 20.47 54 37 32.2	15.82*				0.978			C III 1909 Mg II 2798		1117	1117 2281	1427 1967	2011		1598sp,1729, 2005ir,1941uv, 2112x 101 arcmin from NGC 3992, 1650,2118	
1148+387 R	4C 38.31 B2	11 48 53.27 38 42 34.2	11 51 29.31 38 25 53.3	17.04	.18	-1.04	1.304*				C IV 1549 He II 1640 C III 1909	0.2130	473	476 2281			800 1869 1111 2263	1384ir, 1865phot, 2251sp	
1148-109 O		11 48 58.36 -10 59 9.4	11 51 31.56 -11 15 50.6	20.59				2.512					2185	2185				2185B(J)mag	
1149-107 O		11 49 2.38 -10 45 15.0	11 51 35.60 -11 1 56.2	18.93				0.930					2185	2185				2185B(J)mag	
1149-109 O		11 49 37.08 -10 58 45.2	11 52 10.32 -11 15 26.5	19.31				0.991					2185	2185				2185B(J)mag	
1149+007 O		11 49 49.60 0 43 8.3	11 52 23.39 0 26 27.0	17.0				0.466					2183	2183				2183B(J)mag	
1149+086	H1140+011	11 49 54.95 8 38 41.8	11 52 29.10 8 22 0.6					1.858+			C IV 1549		2279	2279			2279		
1149-111 O		11 49 55.74 -11 7 40.6	11 52 28.99 -11 24 21.9	20.77				2.182					2185	2185				2185B(J)mag	
1150-176 O	POX 5B	11 50 0 -17 40 0	11 52 32.95 -17 56 41.4	17.0				2.207			H I 1216 Si IV 1397 C IV 1549 C III 1909		931	931			2020	2020sp	
1150+001 O		11 50 1.26 0 10 57.6	11 52 35.03 -0 5 43.7	17.5				0.13					2183	2183				2183B(J)mag	
1150+014 O		11 50 5.45 1 27 58.8	11 52 39.27 1 11 17.5	17.7				1.635					2183	2183				2183B(J)mag	
1150-162	R09.66	11 50 9.4 -16 16 4	11 52 42.43 -16 32 45.4	18.7 *				2.50					2277	2277					
1150+006 O		11 50 12.78 0 41 20.9	11 52 46.57 0 24 39.6	17.6				0.780					2183	2183				2183B(J)mag 2183strong uvFeIIem	
1150-109 O		11 50 13.02 -10 58 36.8	11 52 46.30 -11 15 18.2	19.54				1.034					2185	2185				2185B(J)mag	
1150-186 O	POX 8	11 50 18 -18 36 0	11 52 50.93 -18 52 41.4	19.5				(2.765)					931	931					
1150+812 R	S5	11 50 23.70 81 15 10.6	11 53 12.71 80 58 29.5	18.5				1.25					937	1667			937 1793	1855mm superluminal source	
1150-009 O		11 50 33.25 -0 54 16.8	11 53 6.97 -1 10 58.2	18.3				1.327					2183	2183				2183B(J)mag	
1150+095 R	PKS 4C 09.39 OM 083	11 50 38.41 9 30 44.3	11 53 12.56 9 14 3.0	17.58	.31	-.56	0.698				Mg II 2798 O II 3727		048	009			1111	1485ubv	
1150-110 O		11 50 42.50 -11 1 23.4	11 53 15.80 -11 18 4.9	18.20				1.722					2185	2185				2185B(J)mag	

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1150+497	LB 2136	11 50 47.98	11 53 24.45	17.50*	.30	-.97	0.334+	Mg II 2798				139	133	248	128	133	704,900pol,
	C 4C 49.22	49 47 49.7	49 31 8.5					Mg V 2931					018	290	534		749pos,776sp,
	R OM 484							O III 3133						759	775		945,2144rvar,
	LHE 310							Ne V 3426						1068	988		1082,1526vlbi,
	BP 141							O II 3727						2054	993		1259,1700,
	GB							H I 4340						2174	1145		1884imag,1617,
								O III 4363							1166		2021ir,
								H I 4861							1167		1865phot
								O III 4959							1367		1795rpol jet;
								O III 5007							2144		IRAS source,
																	1806;21 arcsec
																	from anon gal
																	2118;
																	1902avg Bmag
1150-108		11 50 48.93	11 53 22.25	19.61					0.269			2185	2185				2185B(J)mag
	O	-10 48 32.6	-11 5 14.1														
1151-109		11 51 3.18	11 53 36.50	20.52					1.981			2185	2185				2185B(J)mag
	O	-10 56 59.1	-11 13 40.6														
1151+489		11 51 6.5	11 53 42.79	18.0				2.03 + H I 1216				1493	1493				1493BAL
		48 55 24	48 38 42.8					C IV 1549									
1151-004	UM 464	11 51 14.1	11 53 47.84	18				1.54 C IV 1549				922	922				
	O	-0 29 45	-0 46 26.5					C III 1909									
1151+102	MC 2	11 51 14.39	11 53 48.54	18.4				0.895 C III 1909				020	019		1111		343fc
	R	10 12 36.8	9 55 55.4					Mg II 2798							1888		
1151+117	PG	11 51 15.7	11 53 49.91	15.51				0.176 H I 4861				1117	1117				1222elp,
	C	11 45 10	11 28 28.6					O III 4959									1598sp,1729,
								O III 5007									2005ir,2112x
																	anon compan
																	gal,1788;
																	faint gals
																	near,2118
1151-112		11 51 23.20	11 53 56.53	20.19				1.507				2185	2185				2185B(J)mag
	O	-11 12 37.9	-11 29 19.5														
1151+106	H1140+027	11 51 33.21	11 54 7.36					(1.863) C IV 1549				2279	2279				
		10 37 12.7	10 20 31.2														
1151-109		11 51 36.35	11 54 9.71	20.40				2.131				2185	2185				2185B(J)mag
	O	-10 54 50.7	-11 11 32.3														
1151+068	H1140+002	11 51 36.98	11 54 10.99					2.763 O VI 1034				2279	2279				
		6 51 33.0	6 34 51.5					H I 1216									
								Si IV 1397									
								C IV 1549									
1151+068		11 51 37.11	11 54 11.12	18.8				2.762* O VI 1034	2.0894	1440	1440				2115		damped Ly
	O	6 51 19.3	6 34 37.8					H I 1216	1.9591						2228		alpha,z=
								Si IV 1397	1.8187						2263		1.7737,2115
								O IV 1402	1.7737								
								C IV 1549	0.6843								
1151-107		11 51 48.65	11 54 22.03	20.62				1.981				2185	2185				2185B(J)mag
	O	-10 44 56.7	-11 1 38.3														
1151-348	PKS	11 51 49.42	11 54 21.78	17.84	.64	-.52	0.258	O II 3727				095	493		023		761,1304,
	R	-34 48 46.3	-35 5 28.1					NeIII 3869							2056		2229sp,
								H I 4102									1485ubv,
								H I 4861									1526vlbi,
								O III 4959									511fc,1810pos,
								O III 5007									2103pol
1151+105	H1140+026	11 51 49.47	11 54 23.60	19.5				2.944 H I 1216				1440	1440				
	O	10 35 20.3	10 18 38.8					C IV 1549					2279				
1151-108		11 51 57.73	11 54 31.11	18.89				0.609				2185	2185				2185B(J)mag
	O	-10 48 39.4	-11 5 21.0														
1152+659	4C 65.13	11 52 40.07	11 55 17.73	17.8				1.199 C IV 1549				507	1288		534		
	R	65 55 58.6	65 39 17.2					C III 1909									
								Mg II 2798									

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1152-108 O		11 52 44.17 -10 51 25.2	11 55 17.59 -11 8 6.9	19.26			1.927			2185 2185					2185B(J)mag
1153-108 O		11 53 30.01 -10 51 53.5	11 56 3.48 -11 8 35.3	20.39			1.008			2185 2185					2185B(J)mag
1153-110 O		11 53 33.58 -11 1 25.1	11 56 7.05 -11 18 6.9	20.99			(2.523)			2185 2185					2185B(J)mag
1153-107 O		11 53 38.23 -10 46 45.9	11 56 11.71 -11 3 27.7	19.64			1.615			2185 2185					2185B(J)mag
1153+534 R	W1	11 53 42.84 53 25 26.8	11 56 18.55 53 8 45.3	20.3	.35	-.74	1.75			530 549			1818		689ubv 4.67 arcmin from anon gal, 14.1vgal,2118
1153+317 R	4C 31.38 NRAO 389 OM 389 B2	11 53 44.08 31 44 46.0	11 56 18.74 31 28 4.4	18.96	.37	-.65	1.557	C IV 1549 He II 1640		033 101			128 462 774 1818 1891 2000		059ubv,831sp, 097,113fc
1154-108 O		11 54 8.96 -10 53 2.2	11 56 42.46 -11 9 44.1	18.15			2.071			2185 2185					2185B(J)mag
1154-108 O		11 54 44.78 -10 49 24.7	11 57 18.32 -11 6 6.6	21.14			1.309			2185 2185					2185B(J)mag
1155-181 O	POX 30	11 55 0 -18 11 0	11 57 33.40 -18 27 42.0	18.0			2.251	H I 1216 C IV 1549		931 931					
1155+169 R	UT	11 55 0.9 16 55 41	11 57 34.99 16 38 59.2	17.5			1.05	C III 1909 Mg II 2798		1437 1437					
1155-187 O	POX 33	11 55 36 -18 44 0	11 58 9.45 -19 0 42.0	18.5			1.607	C IV 1549 C III 1909		931 931					
1155-150 O	POX 29	11 55 48 -15 0 0	11 58 21.53 -15 16 42.0	19.0			1.840	H I 1216 C IV 1549		931 931					
1155-109 O		11 55 52.82 -10 59 35.2	11 58 26.42 -11 16 17.2	20.66			(0.397)			2185 2185					2185B(J)mag
1155+115	H133A	11 55 59.26 11 30 19.6	11 58 33.18 11 13 37.7				2.05			2301 2301				2301	2301BAL
1156+089	H2	11 56 1.47 8 56 10.2	11 58 35.36 8 39 28.3				1.99			2301 2301					
1156+631 R	4C 63.15	11 56 3.89 63 11 3.4	11 58 39.16 62 54 21.7	16.8			0.594	Mg II 2798 NeIII 3869		507 509 580			534 1888 1891		1003sp, 1688imag
1156-185 O	POX 35	11 56 6 -18 31 0	11 58 39.51 -18 47 42.1	19.5			2.197	H I 1216 Si IV 1397 C IV 1549		931 931					
1156-110 O		11 56 24.56 -11 5 15.3	11 58 58.19 -11 21 57.3	20.16			1.995			2185 2185					2185B(J)mag
1156-221 R	PKS MC	11 56 37.77 -22 11 55	11 59 11.28 -22 28 37.1	19.5			0.565	Mg II 2798 O II 3727		011 501			011 2056		761,1445sp, 412,1445fc, 1526vlbi
1156+213 R		11 56 52.24 21 23 38.2	11 59 26.21 21 6 56.3	17.5			0.349	Mg II 2798 O III 4959 O III 5007		476 476					

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1156+295	4C 29.45	11 56 57.80	11 59 31.85	14.41*	.39	-.50	0.729				C III 1909		144	018 1068	128			704,900,1541,	
	C TON 599	29 31 25.7	29 14 43.9								Mg II 2798			032 1802	462			1730,1809,	
	R CTD 77														774			1988,2062pol,	
	OM 295														801			1348uv,1141,	
	B2														1229			1144,1617,	
															1367			1702ir,1189,	
															1557			1852phot,	
															1708			749pos,831sp,	
															1771			1080,1649mf,	
															1792			1526,2127vlbi,	
															1807			033,113fc,	
															1930			1189ubv,	
																		1789mm,1080,	
																		1081OVV	
																		IRAS source,	
																		1806; faint	
																		gals near,2118	
1157-197	J08.06	11 57 7.4	11 59 41.00	16.2				0.45						2277	2277				
		-19 42 42	-19 59 24.1																
1157-197		11 57 7.4	11 59 41.00	16.2				0.45						2277	2277				
		-19 42 42	-19 59 24.1																
1157+014	PKS	11 57 10.99	11 59 44.76	17.74		.49	-.10	1.986*	C IV 1549 1.9740			028 410		1213	724			704,1202pol,	
	R	1 28 49.4	1 12 7.4						He II 1640 1.9438			1901		1527	1000			1201,1208,	
	X								C III 1909 1.9199						1110			1479,1514BAL,	
									Mg II 2798 1.7201						1258			1320rpol,724,	
									1.7199						1969			761,1304,	
															2228			1479sp,	
															2263			944absr,1182x,	
																		1258BAL?,	
																		1485ubv	
																		z(abs) 1.99-	
																		1.96,724;	
																		damped Ly	
																		alpha,z=	
																		1.94362,2263	
1157+118	MC 2	11 57 12.59	11 59 46.44	19				0.731	Mg II 2798			343 019		1111				020fc	
	R	11 50 30.7	11 33 48.8						Ne V 3426					1888					
									O II 3727										
1157-215	PKS	11 57 17.5	11 59 51.10	17.8				0.927	Mg II 2798			011 418		011				761,1304sp,	
	R	-21 32 10	-21 48 52.1						Ar IV 2854					2056				494fc,	
									Ar IV 2869									1526vlbi	
									Ne V 3426										
1157-110		11 57 17.58	11 59 51.26	19.25				0.899				2185 2185						2185B(J)mag	
	O	-11 5 51.9	-11 22 34.0																
1157-239	M08.02	11 57 28.8	12 0 2.40	17.67				(2.1)				2277 2277						2277BAL	
		-23 54 30	-24 11 12.1																
1157-108		11 57 35.95	12 0 9.65	17.93				1.031				2185 2185						2185B(J)mag	
	O	-10 52 1.6	-11 8 43.7																
1157-108		11 57 37.16	12 0 10.86	19.14				1.364				2185 2185						2185B(J)mag	
	O	-10 52 19.1	-11 9 1.2																
1157+532	W2	11 57 37.26	12 0 11.45	19.7		.29	-.91	1.997				530 689		1818				689ubv	
	R	53 17 28.4	53 0 46.7																
1157+144	H116	11 57 37.40	12 0 11.24					2.54				2301 2301							
		14 24 55.1	14 8 13.2																
1157-111		11 57 50.16	12 0 23.87	19.95				1.170				2185 2185						2185B(J)mag	
	O	-11 9 18.1	-11 26 0.2																
1158+465	PC	11 58 2.9	12 0 36.87	20.20				4.733*	H I 1216 4.478			2042 2042				2042		2042rmag	
	O	46 35 29	46 18 47.2						N V 1240									Ly alpha	
									O I 1304									forest,2042	
									Si II 1307										
									O IV 1402										
									C IV 1549										
1158-109		11 58 10.51	12 0 44.24	20.45				1.215				2185 2185						2185B(J)mag	
	O	-10 54 14.2	-11 10 56.3																

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
1158-187 O		11 58 11.3 -18 42 54	12 0 45.01 -18 59 36.1	17.4	.20				2.453			1799	1799			60 kpc from NGC 4038,1799
1158-187 O	POX 42	11 58 12 -18 42 0	12 0 45.71 -18 58 42.1	16.93	.29	-.33			2.448+	H I 1216 Si IV 1397 C IV 1549		931	931		931	931,1485ubv, 2020sp Ly alpha abs, 1870; 17.73 arcmin from NGC 4038,2118
1158+122 R	MC 2 H38B	11 58 22.21 12 14 0.4	12 0 56.00 11 57 18.5	17.6					2.018*	H I 1216 N V 1240 Si IV 1397 C IV 1549 He II 1640 O III 1663 C III 1909	2.0199 1.9968 1.9912 1.2736 1.2238	327 458 1901 2049 2281 2301		1818 1891	327 2049 2263	1818pos
1158-110 O		11 58 43.34 -11 1 52.3	12 1 17.10 -11 18 34.4	19.45					1.657			2185	2185			2185B(J)mag
1158+007 R	PKS	11 58 50.1 0 44 54	12 1 23.86 0 28 12.0	19.09	.14	-.84			1.370	C IV 1549 C III 1909 Mg II 2798		026	761 436 583		351 1527	436ubv, 761, 1304sp, 1320rpol, 028fc
1158+117 O	H15.71	11 58 57.47 11 42 49.7	12 1 31.22 11 26 7.8						2.11			2301	2301			
1158-109 O		11 58 59.97 -10 54 2.2	12 1 33.75 -11 10 44.3	20.45					2.033			2185	2185			2185B(J)mag
1159-111 O		11 59 0.46 -11 11 3.7	12 1 34.24 -11 27 45.8	20.32					2.721			2185	2185			2185B(J)mag
1159+115 O	H15.2	11 59 6.32 11 31 29.9	12 1 40.06 11 14 48.0						2.33			2301	2301			
1159+123 O		11 59 14.23 12 23 11.9	12 1 47.96 12 6 30.0	17.5					3.502*	LYB 1026 H I 1216 N V 1240 O I 1304 O IV 1402 C IV 1549	3.5261 3.2614 3.2256	1291 1291 1622	1872		1291 1872 2228 2263	
1159-136 O	R09.11	11 59 24.9 -13 38 4	12 1 58.71 -13 54 46.1	17.2 *					0.50			2277	2277			
1159-036 R	PKS	11 59 38.4 -3 37 50	12 2 12.18 -3 54 32.0	19.41	.40	-1.15			1.102	C IV 1549 C III 1909		026	436 1527		351	436ubv
1159+126 O	H13	11 59 43.11 12 36 49.9	12 2 16.81 12 20 8.0						2.54			2301	2301			
1159+089 O	H12	11 59 47.32 8 56 31.3	12 2 21.04 8 39 49.3						2.16			2301	2301			30 arcsec from faint gal
1159-109 O		11 59 49.95 -10 56 13.1	12 2 23.78 -11 12 55.2	19.22					(2.260)			2185	2185			2185B(J)mag
1200-204 O	POX 50	12 0 0 -20 27 0	12 2 33.90 -20 43 42.1	19.5					2.750	LYB 1026 H I 1216 Si IV 1397 C IV 1549		931	931			
1200-051 R	PKS ON 001	12 0 0.63 -5 11 24.1	12 2 34.43 -5 28 6.1	18					0.381	Mg II 2798 O II 3727 H I 4102 H I 4340 H I 4861 O III 5007		011	501		011	761,1304sp, 213fc, 1526vlbi, 1884imag faint gals near,2118
1200-111 O		12 0 23.13 -11 8 13.2	12 2 56.99 -11 24 55.3	19.88					1.424			2185	2185			2185B(J)mag
1200+107 O	H60	12 0 33.02 10 45 46.1	12 3 6.68 10 29 4.2						2.47			2301	2301			



TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1201-197	POX 54		12 1 18	12 3 52.04	19.8							(2.475+	H I 1216		931	931			931	
	O		-19 44 0	-20 0 42.1									C IV 1549							
1201-107			12 1 28.97	12 4 2.89	20.83							(1.96)			2185	2185				2185B(J)mag
	O		-10 47 49.4	-11 4 31.4																
1201-015	UM 473		12 1 46.1	12 4 19.89	18							2.165	H I 1216		922	2199				
	O		-1 31 8	-1 47 49.9									O IV 1402			922				
													C IV 1549							
													C III 1909							
1202+121	H30		12 2 3.27	12 4 36.83								2.02			2301	2301				
			12 6 34.0	11 49 52.2																
1202-111			12 2 3.38	12 4 37.34	19.14							1.794			2185	2185				2185B(J)mag
	O		-11 9 29.0	-11 26 11.0																
1202+281	GQ COMAE		12 2 8.94	12 4 42.17	15.51*	.19	-.93	0.165	Mg II 2798						223	223	223	2011		223ubv,704,
	V PG		28 10 53.4	27 54 11.7					He 3970							1117	405			1202pol,696,
	X								H I 4102								406			912,1183,1487,
	R								H I 4340								1967			1678,2112x,
									H I 4861											857,1598sp,
									O III 4959											1013,1018phot,
									O III 5007											1222elp,
																				1362ext,
																				1649mf,1701,
																				1941,2061uv,
																				1729,2005ir,
																				1863irpol,
																				1942,
																				2111uvvar,
																				2100FeIIem,
																				2198irvar
																				em line var,
																				1763;IRAS
																				source,1806;
																				1700imag/ext
1202-207	POX 62		12 2 12	12 4 46.15	18.0							2.170	H I 1216		931	931				
	O		-20 47 0	-21 3 42.0									C IV 1549							
1202-108			12 2 22.78	12 4 56.75	20.21							2.365			2185	2185				2185B(J)mag
	O		-10 49 43.5	-11 6 25.4																
1202+105	H61A		12 2 31.52	12 5 5.08								2.15			2301	2301				
			10 33 39.9	10 16 58.1																
1202-110			12 2 47.92	12 5 21.92	20.11							1.929			2185	2185				2185B(J)mag
	O		-11 0 28.2	-11 17 10.1																
1202-110			12 2 57.41	12 5 31.42	19.35							(0.380)			2185	2185				2185B(J)mag
	O		-11 0 19.2	-11 17 1.1																
1202-262	PKS		12 2 58.79	12 5 33.17	19.5							0.789+	C III 1909		011	501		011	501	1304sp,
	R		-26 17 21.9	-26 34 3.9									Mg II 2798		1898		2056			1526vlbi,
																				1789mm
																				0.83 arcmin
																				from NGC 4087,
																				2118
1203-111			12 3 5.29	12 5 39.31	19.56							2.283			2185	2185				2185B(J)mag
	O		-11 6 20.5	-11 23 2.4																
1203+011	PKS		12 3 14.78	12 5 48.52	18.2							0.104	O II 3727		026	410		1171		761sp,1207,
	R		1 10 26.2	0 53 44.4									H I 4861				1527			1259,1261imag,
													O III 4959							1320rpol,
													O III 5007							028fc
													H I 6563							
1203+109	4C 10.34		12 3 22.62	12 5 56.12	17.32*	.30	-.95	1.088	C III 1909						124	121	506	775		121,1485ubv,
	R		10 59 35.4	10 42 53.7					Mg II 2798								789			1159vlbi,
	MC 2																1111			343fc
																	1591			9.92 arcmin
																	2092			from NGC 4082,
																				2118
1203-160	POX 61		12 3 42	12 6 16.19	17.8							2.455+	H I 1216		931	931				931
	O		-16 3 0	-16 19 41.9									Si IV 1397							
													C IV 1549							

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC	(1950)	DEC	(2000)							ID	Z	VAR	R	
1203+170 O		12 3 46.91 17 3 21.0	12 6 20.23 16 46 39.3	18.6					1.405+			1765 1765			1765 1765Jmag	
1203+107 O		12 3 52.06 10 43 13.9	12 6 25.54 10 26 32.2	17.9					1.330			1765 1765			1765Jmag	
1203+155 O		12 3 52.81 15 30 17.0	12 6 26.16 15 13 35.3	18.7					1.629+			2183 2183			2183B(J)mag, 2183BAL	
1204+399 R	UT	12 4 4.8 39 57 45	12 6 37.26 39 41 3.5	18.5					1.33	C IV 1549 C III 1909		1437 1437				
1204+110	H28	12 4 20.79 11 3 1.3	12 6 54.24 10 46 19.7						2.19			2301 2301				
1204+597 O	SBS 15	12 4 30 59 45 0	12 7 0.90 59 28 18.6	17.5					1.369	C IV 1549 C III 1909		1285 1285				
1204+096	H49	12 4 39.21 9 38 11.9	12 7 12.69 9 21 30.3						2.21			2301 2301				
1204+095 O		12 4 49.39 9 35 16.2	12 7 22.86 9 18 34.6	17.7					1.563			1765 1765			1765Jmag	
1204-110 O		12 4 52.19 -11 2 36.8	12 7 26.31 -11 19 18.5	19.97								2185 2185			2185B(J)mag	
1204+116 O		12 4 52.88 11 36 8.8	12 7 26.28 11 19 27.2	18.1					1.007			1765 1765			1765Jmag	
1204+281 R	B2 ON 208 GC	12 4 55.02 28 11 42.1	12 7 27.82 27 55 0.6	18.1					2.177	H I 1216 N V 1240 C II 1335 Si IV 1397 C IV 1549		138 152 458 1794		790	1526vlbi, 512fc, 1967phot	
1205-008 R	PKS	12 5 7.89 -0 49 55.6	12 7 41.69 -1 6 37.2	18.6 *					1.007	Mg II 2798		028 1304 410	028 351 1527		761,1304sp, 1526vlbi, 028rvar 9.4arcsec from anon gal,0.306 zgal,2118	
1205+096	H50	12 5 30.49 9 39 22.1	12 8 3.92 9 22 40.6						2.24			2301 2301				
1205+174 O		12 5 33.11 17 29 35.2	12 8 6.25 17 12 53.7	17.0					0.547			1765 1765			1765Jmag	
1205+117	H52.2	12 5 41.09 11 46 55.1	12 8 14.44 11 30 13.6						2.06			2301 2301				
1205+093 O		12 5 47.61 9 18 12.1	12 8 21.04 9 1 30.6	18.3					2.077+			1765 1765		1765	1765Jmag	
1205+644 X	1E	12 5 49.0 64 27 13.0	12 8 18.48 64 10 31.7	17.70					0.105	H I 4102 H I 4340 H I 4861		1233 1233			1233xvar 12.7 arcmin from 3C 268.3, 2118	
1205-111 O		12 5 49.31 -11 11 56.8	12 8 23.49 -11 28 38.4	18.61					1.878			2185 2185			2185B(J)mag	
1205+100	H41B	12 5 49.68 10 4 4.2	12 8 23.08 9 47 22.7						2.09			2301 2301			in cluster of gals	
1205+146 O		12 5 52.13 14 36 1.9	12 8 25.36 14 19 20.5	18.5					1.638+			1765 1765			1765Jmag, 1765BAL?	
1206+123	H33	12 6 4.21 12 21 51.1	12 8 37.51 12 5 9.7						2.58			2301 2301				
1206+133 O		12 6 13.60 13 18 2.6	12 8 46.85 13 1 21.2	18.1					1.300			1765 1765			1765Jmag	
1206+150 O		12 6 15.35 15 0 18.4	12 8 48.53 14 43 37.0	18.2					2.604+			1765 1765		1765	1765Jmag	

TABLE 1—Continued

OTHER NAMES	RA (1950)		RA (2000)		V	(B-V) (U-B)		Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
	DEC (1950)		DEC (2000)								ID	Z	VAR	R	ABS	
1206+072 O	12 6 20.60 7 16 43.1		12 8 54.09 7 0 1.7		18.0			1.014			1765 1765					1765Jmag
1206+459 PG C	12 6 26.6 45 57 17		12 8 58.05 45 40 35.8		15.79			1.158	C IV 1549 C III 1909 Mg II 2798		1117 1117					1352spvar, 1598,2251sp, 1729,2005ir, 2112x 48.1 arcmin from NGC 4144, 142.1 arcmin from NGC 4258, 1650,2118
1206+174 O	12 6 28.00 17 27 48.2		12 9 1.06 17 11 6.9		18.5			2.355			1765 1765					1765Jmag
1206+115 H101.3	12 6 37.56 11 32 28.7		12 9 10.86 11 15 47.3					2.33			2301 2301					
1206+439 3CR 268.4 R 4C 43.23 NRAO 393 ON 411 DA 317	12 6 42.13 43 56 1.7		12 9 13.67 43 39 20.5		18.42*	.58	-.69	1.396*	C IV 1549 C III 1909 0.4124	1.3963 1.3767	064 005 1749 290	006 128 462 2263 534 775 787 917 1105 1111 1235 1636 1804 1891 1996 2013	1749 463 2263 463fc 534 775 787 917 1105 1111 1235 1636 1804 1891 1996 2013			003ubv,306, 463fc 2.9arcmin from NGC 4138,2118
1206+119 H 51.2 O	12 6 44.63 11 55 10.6		12 9 17.91 11 38 29.3		17.9			3.106*	O VI 1034 H I 1216 N V 1240		1440 1440 2301					Ly limit abs, 2247
1206+150 O	12 6 44.89 15 5 1.6		12 9 18.03 14 48 20.3		18.7			1.330			1765 1765					1765Jmag
1206-109 O	12 6 47.87 -10 56 41.0		12 9 22.10 -11 13 22.5		18.76			2.319			2185 2185					2185B(J)mag
1206-112 O	12 6 58.37 -11 13 33.3		12 9 32.62 -11 30 14.7		20.25			2.550			2185 2185					2185B(J)mag
1206-399 PKS R X	12 6 59.59 -39 59 30.6		12 9 35.39 -40 16 12.2		17.01	.36	-.75	0.966	C III 1909 C II 2326 Mg II 2798 Ar IV 2869		103 493 1898		1170 2056			736,1485ubv, 761,1304sp, 912x,1526vlbi, 1617ir
1207-109 O	12 7 1.46 -10 57 50.1		12 9 35.70 -11 14 31.5		19.32			(2.520)			2185 2185					2185B(J)mag
1207+105 O	12 7 3.80 10 32 49.8		12 9 37.12 10 16 8.5		18.1			1.746			2183 2183					2183B(J)mag
1207+398 W3 R	12 7 11.57 39 53 23.0		12 9 43.28 39 36 41.9		19.4	.25	-.12	2.334			530 689		1818			689ubv
1207-107 O	12 7 17.68 -10 43 16.7		12 9 51.92 -10 59 58.1		19.03			2.237			2185 2185					2185B(J)mag
1207+110 O	12 7 25.76 11 0 1.9		12 9 59.04 10 43 20.7		18.6			1.306			1765 1765					1765Jmag
1207+106 H15	12 7 26.07 10 38 27.8		12 9 59.36 10 21 46.6					2.33			2301 2301					
1207+108 H5D	12 7 32.69 10 48 13.1		12 10 5.97 10 31 31.9					2.26			2301 2301					
1207-110 O	12 7 34.11 -11 0 32.4		12 10 8.38 -11 17 13.7		19.34			1.555			2185 2185					2185B(J)mag
1207+399 O	12 7 38.6 39 56 17		12 10 10.20 39 39 36.0		17.5			2.4	H I 1216		1439 1439					9.45 arcmin from NGC 4145A 2118

TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
	ID	Z	VAR	R	ABS											
1207-110 O		12 7 44.77 -11 1 16.9	12 10 19.05 -11 17 58.2		19.25			1.592			2185	2185				2185B(J)mag
1207+397 W4 BL Lac R 1E X		12 7 55.21 39 45 51.9	12 10 26.76 39 29 10.9		20.3 *	.47	-.77				530 1416	689	1764	991 1416 2083		689ubv,1048, 1416,1764, 2107,2112x, 1481sp, 1481pol 0.59zgal,1481; 4.72 arcmin from Seyfert NGC 4151,1764; 4.83 arcmin from NGC 4156, 2118; IRAS source,1806;
1207+122 O		12 7 56.71 12 12 17.7	12 10 29.90 11 55 36.6		18.6			1.384			1765	1765				1765Jmag
1208+322 B2 R ON 313		12 8 5.38 32 13 48.8	12 10 37.43 31 57 7.8		16	-.20	-.70	0.388	Mg II 2798 NeIII 3869 O III 5007		138	009	731	783 790 1790		322,1451ubv, 704,1202pol 0.167 and 0.567 arcmin from 2 anon gals,1650,2118
1208+178 O		12 8 5.55 17 50 10.2	12 10 38.44 17 33 29.1		18.4			1.386			1765	1765				1765Jmag
1208+142 H102.1		12 8 5.98 14 13 35.0	12 10 39.06 13 56 53.9					2.33			2301	2301				
1208+142 O		12 8 6.18 14 13 36.7	12 10 39.26 13 56 55.6		18.5			2.328			1765	1765				1765Jmag
1208+164 O		12 8 17.57 16 26 47.4	12 10 50.52 16 10 6.4		18.7			1.351			1765	1765				1765Jmag
1208-112 O		12 8 18.08 -11 12 3.9	12 10 52.41 -11 28 45.1		20.70			2.181			2185	2185				2185B(J)mag
1208+101 O		12 8 23.73 10 11 9.3	12 10 57.00 9 54 28.2		17.5			3.803*	O IV 1402 C IV 1549 C III 1909 2.8640 2.8606 2.8573	1622 1623 2291 1622				1623 2059 2125 2228 2263		2306imag pos grav lens, 2250; grav lens or binary 2253;grav lens 2291,2295,2306
1208+127 H9A		12 8 23.90 12 43 40.2	12 10 57.04 12 26 59.2					2.33			2301	2301			2301	
1208+128 O		12 8 30.82 12 50 47.3	12 11 3.94 12 34 6.3		17.2			1.003			1765	1765				1765Jmag
1208+104 H36A		12 8 38.16 10 25 8.5	12 11 11.40 10 8 27.5					2.00			2301	2301				
1208-111 O		12 8 40.91 -11 10 16.0	12 11 15.26 -11 26 57.1		20.10			1.571			2185	2185				2185B(J)mag
1208-110 O		12 8 44.55 -11 2 50.0	12 11 18.89 -11 19 31.1		20.68						2185	2185				2185B(J)mag
1208+155 O		12 8 52.54 15 35 32.3	12 11 25.49 15 18 51.4		18.0			1.943+			1765	1765				1765Jmag, 1765BAL
1208+105 O		12 8 55.1 10 31 33.7	12 11 28.32 10 14 52.7		18.47			2.326	H I 1216 N V 1240 Si IV 1397 O IV 1402 N IV 1488 C IV 1549 He II 1640 O III 1663 C III 1909		1859					20.0B(J)mag,21

TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES			Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
1208-192 R	MC	12 8 56.99 -19 17 38.6	12 11 31.81 -19 34 19.7	19.9							2.054	H I 1216 N V 1240 C IV 1549 He II 1640 C III 1909		1445	1445					
1209+118	H50	12 9 0.54 11 50 2.6	12 11 33.68 11 33 21.7								1.98			2301	2301				5 arcsec from faint gal	
1209+093 O		12 9 1.66 9 19 2.9	12 11 34.94 9 2 22.0	18.5							3.31	* H I 1216 N V 1240		1784	1622 1784			1784	19.4B(J)mag, 21 Ly limit abs, 2247;damped Ly alpha, 2243	
1209+107	H3	12 9 7.27 10 46 42.6	12 11 40.47 10 30 1.7								2.19			2301	2301					
1209+107 O	KP 9	12 9 8.4 10 46 58	12 11 41.59 10 30 17.1	17.76	-.05	-.49	2.193*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	1.8434 0.6295 0.3930	457 1000 457 867 1765 2281						1000 1747 1769 2228 2263	853rnd, 1485ubv, 2174varnd, 1949,2080, 2095imag 7 arcsec from gal,0.3922zgal 1769,2262; 1.3arcsec from gal,0.629zgal, 1949;1.3arcsec from anon gal, 7 arcsec from anon gal, 0.3922zgal, 2118			
1209+107 O	KP 10	12 9 12.2 10 42 23	12 11 45.40 10 25 42.1	20.5			(1.9)						457	853				853rnd		
1209-111 O		12 9 46.88 -11 9 38.6	12 12 21.29 -11 26 19.5	20.96							1.916			2185	2185				2185B(J)mag	
1209+129 O		12 9 54.90 12 59 35.2	12 12 27.92 12 42 54.5	18.5							0.418			2183	2183				2183B(J)mag	
1209+109 O	KP 11	12 9 56.7 10 58 4	12 12 29.84 10 41 23.2	21.0			(2.1)						457	853				853rnd		
1209+154 O		12 9 59.19 15 24 6.3	12 12 32.06 15 7 25.6	18.3							3.062			1765	1765				1765Jmag	
1209+121 BL Lac R	MC 2	12 9 59.9 12 7 52.9	12 12 32.97 11 51 12.2	17.8	*	.44	-.27						343 634		634	1086			1337ubv, 877pol,914rnd, 2112x	
1210-112 O		12 10 2.11 -11 14 10.5	12 12 36.54 -11 30 51.4	20.12			(2.570)							2185	2185				2185B(J)mag	
1210+145 O		12 10 6.94 14 34 10.6	12 12 39.85 14 17 29.9	18.6							0.871			1765	1765				1765Jmag	
1210-107 O		12 10 11.93 -10 46 22.3	12 12 46.34 -11 3 3.1	19.02			(1.460)							2185	2185				2185B(J)mag	
1210-108 O		12 10 17.74 -10 49 28.8	12 12 52.16 -11 6 9.6	19.16							2.929			2185	2185				2185B(J)mag	
1210+197 R	PKS	12 10 23.54 19 42 28.1	12 12 56.10 19 25 47.5	18.5							1.24	C IV 1549 C III 1909		412 475	476					
1210-112 O		12 10 30.13 -11 12 9.0	12 13 4.58 -11 28 49.8	20.16							2.327			2185	2185				2185B(J)mag	
1210+175 O		12 10 30.39 17 31 3.8	12 13 3.08 17 14 23.2	17.4							2.537+			1765	1765			1765	1765Jmag	
1210+151 O		12 10 35.16 15 7 46.8	12 13 8.00 14 51 6.2	17.3							1.608			1765	1765				1765Jmag	
1210+144 O		12 10 36.22 14 25 12.8	12 13 9.10 14 8 32.2	18.0							0.724			1765	1765				1765Jmag	

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
1210+157 O		12 10 36.72 15 44 59.7	12 13 9.52 15 28 19.1	17.9					0.13			2183	2183			2183B(J)mag
1210-107 O		12 10 54.34 -10 47 46.0	12 13 28.79 -11 4 26.7	18.13					(0.703)			2185	2185			2185B(J)mag
1210+134 R	4C 13.46 ON 119 DW PKS	12 10 59.28 13 24 1.3	12 13 32.20 13 7 20.8	18.09	.48	-.83	1.137	C IV 1549 He II 1640 C III 1909 Mg II 2798				124	121 458 1765	506 128 462 789 1111 1891		121ubv, 1526vlbi 5.95 arcmin from NGC 4193, 2118
1211-107 O		12 11 5.63 -10 44 55.6	12 13 40.09 -11 1 36.2	20.25					2.711			2185	2185			2185B(J)mag
1211-133 R10.07		12 11 11.7 -13 22 0	12 13 46.34 -13 38 40.6	16.14					0.43			2277	2277			
1211+088 O		12 11 23.99 8 48 43.0	12 13 57.19 8 32 2.6	17.8					0.817			1765	1765			1765Jmag
1211-190 R	MC	12 11 28.33 -19 5 1.9	12 14 3.39 -19 21 42.5	17.2					0.149	O II 3727 NeIII 3869 H I 3889 NeIII 3968 He 3970 H I 4102 H I 4340 He II 4686 H I 4861 O III 4959 O III 5007 H I 6563		1445	1445			
1211+111 O		12 11 31.77 11 6 15.5	12 14 4.81 10 49 35.1	17.8					1.332			1765	1765			1765Jmag
1211+118 O		12 11 32.05 11 53 50.4	12 14 5.04 11 37 10.0	18.2					1.181			2183	2183			2183B(J)mag
1211+334 R	ON 319 B2 CSO 398	12 11 32.6 33 26 18	12 14 3.91 33 9 37.7	17.89	-.05	-.94	1.598+	H I 1216 C IV 1549 C III 1909				113	009 443	1297 2060	560 1635	704,1202pol, 831sp,1513elp, 1526vlbi, 1865phot
1211+334		12 11 33.3 33 27 6	12 14 4.61 33 10 25.7	20.5					1.818	H I 1216 C IV 1549 He II 1640 O III 1663			633			
1211-109 O		12 11 45.11 -10 54 44.8	12 14 19.62 -11 11 25.3	20.57					1.796			2185	2185			2185B(J)mag
1211-107 O		12 11 51.85 -10 46 17.0	12 14 26.35 -11 2 57.4	20.74					3.002			2185	2185			2185B(J)mag
1211+086 O		12 11 57.40 8 41 48.5	12 14 30.59 8 25 8.2	17.6					0.583			1765	1765			1765Jmag 1765Fe em
1212+147 O		12 12 7.54 14 45 39.4	12 14 40.29 14 28 59.2	17.9					1.638			1765	1765			1765Jmag
1212+139 O		12 12 9.00 13 57 38.6	12 14 41.80 13 40 58.4	18.7					1.386			1765	1765			1765Jmag
1212-109 O		12 12 11.55 -10 56 33.0	12 14 46.08 -11 13 13.3	18.98					1.626			2185	2185			2185B(J)mag
1212-109 O		12 12 15.10 -10 54 35.7	12 14 49.64 -11 11 16.0	19.92					2.340			2185	2185			2185B(J)mag
1212+113 O		12 12 17.12 11 21 1.1	12 14 50.10 11 4 20.9	18.5					1.279			2183	2183			2183B(J)mag
1212+097 O		12 12 18.58 9 45 20.4	12 14 51.67 9 28 40.2	18.3					0.378			1765	1765			1765Jmag
1212+158 O		12 12 19.97 15 51 35.6	12 14 52.62 15 34 55.4	18.2					1.948			1765	1765			1765Jmag

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1212+122 O		12 12 21.24 12 17 10.6	12 14 54.15 12 0 30.4	18.6			0.871			2183 2183					2183B(J)mag
1212+085 O		12 12 27.96 8 30 36.8	12 15 1.14 8 13 56.6	18.0			1.651			1765 1765					1765Jmag
1212+107 O		12 12 28.60 10 45 19.0	12 15 1.61 10 28 38.9	17.8			1.951			1765 1765					1765Jmag
1212-198 O	POX 101	12 12 30 -19 48 0	12 15 5.22 -20 4 40.3	19.5			2.139	H I 1216 Si IV 1397 C IV 1549		931 931					
1212+089 O		12 12 34.92 8 54 56.6	12 15 8.06 8 38 16.5	18.2			2.353			1765 1765					1765Jmag
1212+141 O		12 12 36.73 14 11 29.5	12 15 9.48 13 54 49.4	18.1			0.848			1765 1765					1765Jmag
1212-108 O		12 12 59.06 -10 50 33.9	12 15 33.63 -11 7 14.0	19.87			1.590			2185 2185					2185B(J)mag
1212+155 O		12 12 59.97 15 35 38.6	12 15 32.59 15 18 58.6	18.7			1.390			1765 1765					1765Jmag
1213+155 O		12 13 0.0 15 35 39	12 15 32.62 15 18 59.0	18.7			1.391			2274 2274					
1213+538 R	4C 53.24	12 13 1.52 53 52 38	12 15 29.62 53 35 58.2	17.9			1.065	C III 1909 Mg II 2798		507 580			534 1166 1804 1891		110fc,1003sp
1213+102 O	H60	12 13 5.87 10 15 25.7	12 15 38.89 9 58 45.7	18.3			2.517			2183 2183 2301					2183B(J)mag
1213+171 O		12 13 6.19 17 8 2.5	12 15 38.68 16 51 22.6	18.7			0.264			2183 2183					2183B(J)mag
1213+093 O	H41	12 13 6.54 9 22 49.4	12 15 39.62 9 6 9.4	17.2			2.719*	H I 1216 2.5228 C IV 1549 2.2345 C III 1909 2.0935 1.9634	1440 1872 1765 1440 2301 1765					1872 2228 2263	
1213-002 O	UM 485	12 13 15.7 -0 17 52	12 15 49.50 -0 34 32.0	17.0			2.691*	H I 1216 1.5534 Si IV 1397 1.3194 O IV 1402 C IV 1549 He II 1640 C III 1909	922 1251 922 2251					1747 2228 2263	
1213-110 O		12 13 21.66 -11 3 31.0	12 15 56.27 -11 20 11.0	20.11			2.462			2185 2185					2185B(J)mag
1213+350 R	4C 35.28 GC	12 13 24.82 35 4 55.1	12 15 55.60 34 48 15.3	20.1			0.851			1446 1447			1145 2060		1526vlbi, 1349fc
1213+121 O		12 13 27.96 12 8 48.0	12 16 0.81 11 52 8.1	17.6			1.469			1765 1765					1765Jmag 1765Fe em
1213-201 O	POX 103	12 13 30 -20 7 0	12 16 5.36 -20 23 40.0	19.9			2.717	H I 1216 C IV 1549		931 931					
1213-110 O		12 13 30.34 -11 0 34.0	12 16 4.95 -11 17 14.0	20.91			1.754			2185 2185					2185B(J)mag
1213+142 O	H97	12 13 31.71 14 17 52.9	12 16 4.39 14 1 13.1	18.9			2.562+	H I 1216 Si IV 1397 O IV 1402 C IV 1549	1440 1440 2301						2183pos, 1440BAL? 8.02 arcmin from NGC 4216, 2118
1213+173 O		12 13 32.74 17 22 2.6	12 16 5.17 17 5 22.8	18.0			1.203			1765 1765					1765Jmag
1213+171 O		12 13 43.51 17 9 40.1	12 16 15.94 16 53 0.3	17.7			1.191			1765 1765					1765Jmag

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
1213+154 O		12 13 50.72 15 27 43.3	12 16 23.28 15 11 3.6	18.5					1.159			2183	2183			2183B(J)mag
1213-107 O		12 13 55.12 -10 47 9.2	12 16 29.74 -11 3 49.1	19.11					0.354			2185	2185			2185B(J)mag
1213-065 O R		12 13 59.95 -6 30 10.3	12 16 34.23 -6 46 50.1	17.72	.20	-.93	1.410*	C IV 1549 He II 1640 C III 1909	0.7888	409	409			1162	2020 2228 2263	704,1202pol, 1485ubv, 2020sp
1214-108 O		12 14 5.01 -10 48 7.9	12 16 39.64 -11 4 47.7	19.60				(2.550)				2185	2185			2185B(J)mag
1214+180 O		12 14 16.80 18 4 43.9	12 16 49.10 17 48 4.3	16.7					0.375			1765	1765			1765Jmag
1214+110 H68		12 14 18.79 11 3 12.7	12 16 51.68 10 46 33.1						2.16			2301	2301			
1214+178 O		12 14 24.62 17 53 53.4	12 16 56.92 17 37 13.8	17.6				(0.64)+				1765	1765			1765BAL?, 1765Jmag redshift based on MgII abs, 1765
1214-112 O		12 14 28.38 -11 15 45.7	12 17 3.07 -11 32 25.4	19.71					1.800			2185	2185			2185B(J)mag
1214+106 R	MC 2	12 14 28.42 10 36 33.3	12 17 1.34 10 19 53.7	18.5					1.886	C IV 1549 He II 1640 O III 1663 C III 1909 Mg II 2798		020	019 2049 2281		1818 1891	343fc,1818pos, 2049noabs 19.0B(J)mag,21
1214-107 O		12 14 37.05 -10 45 9.8	12 17 11.71 -11 1 49.5	20.35					1.535			2185	2185			2185B(J)mag
1214-107 O		12 14 41.42 -10 45 58.3	12 17 16.08 -11 2 37.9	19.70					0.914			2185	2185			2185B(J)mag
1214+084 O		12 14 43.02 8 26 21.4	12 17 16.11 8 9 41.9	17.3					0.345			1765	1765			1765Jmag
1214+348 R		12 14 44.63 34 52 17.5	12 17 15.16 34 35 38.1	18.7					2.647			1446	1447		2162	
1214+474 R	W2	12 14 46.67 47 28 53.3	12 17 15.37 47 12 14.0	19.2	.25	-1.07	(1.10)					530	689			689ubv
1214+144 O		12 14 56.87 14 29 10.9	12 17 29.43 14 12 31.5	18.7					1.042			1765	1765			1765Jmag
1215+157 O		12 15 0.36 15 45 24.1	12 17 32.80 15 28 44.7	17.98					0.139			1765	1765			1765Jmag
1215+333 R	GC	12 15 1.94 33 22 17.6	12 17 32.60 33 5 38.3	17.5					2.606+	O VI 1034 H I 1216	1.99	216	476		216 2162 2208	2251sp
1215-110 O		12 15 2.12 -11 3 38.3	12 17 36.83 -11 20 17.8	20.05					1.498			2185	2185			2185B(J)mag
1215+166 O		12 15 5.68 16 37 33.3	12 17 38.03 16 20 53.9	18.60					0.139			1765	1765			1765Jmag
1215-110 O		12 15 15.69 -11 1 30.4	12 17 50.41 -11 18 9.9	18.98					1.744			2185	2185			2185B(J)mag
1215-111 O		12 15 17.52 -11 11 53.9	12 17 52.25 -11 28 33.4	20.82					2.356			2185	2185			2185B(J)mag
1215+643 R	4C 64.15	12 15 18.06 64 23 47.2	12 17 41.86 64 7 8.1	17.2					1.288	C IV 1549 C III 1909		507	509 538		534 1521 1891	1003sp



TABLE 1—Continued

OTHER NAMES		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
1215+303 BL Lac R X	ON 325 B2	12 15 21.16 30 23 39.8	12 17 52.10 30 7 0.6	15.73*	.46	-.61						663	723 753 756 861 875 970 1068 1142 1791 1902 1967 2054 2134	790 837 1084 1160 1200 1367 1794		323,648ubv, 323,642,662, 1541,1809, 2167pol, 1389phot, 1348uv,829, 1279,2107, 2112x, 1086rvar, 1243mf,749pos, 1526vlbi, 662sp,723fc, 1902OVV, 2259imag IRAS source, 1806 1902avg Bmag
1215-457 R	MC	12 15 27.41 -45 43 50.6	12 18 6.21 -46 0 30.2	20.3			0.529			Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4340 O III 4959 O III 5007		1445	1445		2056	
1215-154 O		12 15 32.88 -15 27 48.5	12 18 8.01 -15 44 27.9	18.6			2.743+					1765	1765			1765Jmag, 1765BAL?
1215-110 O		12 15 33.02 -11 2 28.9	12 18 7.75 -11 19 8.3	20.94			(3.205)					2185	2185			2185B(J)mag
1215+127 O	H85	12 15 37.28 12 44 52.6	12 18 9.95 12 28 13.4	18.7			2.079					1765 2301	1765			1765Jmag, 2301BAL
1215+120 O		12 15 42.84 12 2 31.9	12 18 15.56 11 45 52.7	18.4			2.826					1765	1765			1765Jmag
1215+143 O		12 15 50.71 14 20 18.1	12 18 23.21 14 3 39.0	18.2			1.604					2183	2183			2183B(J)mag
1215+113 R	MC 2	12 15 53.31 11 21 44.6	12 18 26.08 11 5 5.5	16.86	.09	-.75	1.403			C IV 1549 He II 1640 C III 1909 Mg II 2798		343 1765 2281	019 1765	1586	560	1202pol,958sp, 958FeIIem, 1485ubv
1215-109 O		12 15 53.53 -10 57 0.0	12 18 28.28 -11 13 39.3	19.88			(0.906)					2185	2185			2185B(J)mag
1216-010 R	PKS	12 16 1.12 -1 3 14.8	12 18 34.99 -1 19 54.0	17.8			0.415					028	1527	1527		1320rpol
1216+152 O		12 16 1.32 15 17 46.0	12 18 33.72 15 1 6.9	18.6			1.830					1765	1765			1765Jmag
1216-107 O		12 16 1.58 -10 47 43.3	12 18 36.32 -11 4 22.5	19.47			(2.119)					2185	2185			2185B(J)mag
1216+125 O		12 16 2.42 12 33 52.3	12 18 35.07 12 17 13.2	18.7			1.592					2183	2183			2183B(J)mag
1216+121 H81		12 16 10.01 12 6 13.8	12 18 42.70 11 49 34.8				2.36					2301	2301			
1216-107 O		12 16 14.04 -10 46 54.2	12 18 48.79 -11 3 33.4	21.08			2.275					2185	2185			2185B(J)mag
1216+179 O		12 16 14.52 17 54 56.4	12 18 46.65 17 38 17.4	18.0			1.809					1765	1765			1765Jmag
1216+105 O		12 16 17.67 10 32 34.1	12 18 50.50 10 15 55.1	17.8			(0.544)			Mg II 2798		1765	1765			1765Jmag
1216-110 O		12 16 23.11 -11 0 16.8	12 18 57.89 -11 16 55.9	20.06			1.551					2185	2185			2185B(J)mag
1216-110 O		12 16 23.83 -11 3 4.2	12 18 58.61 -11 19 43.3	18.79			1.063					2185	2185			2185B(J)mag

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS			
1216-111 O		12 16 37.20 -11 8 44.9	12 19 12.01 -11 25 23.9	18.79				0.439			2185	2185				2185B(J)mag	
1216+487 R	ON 428 S4	12 16 38.51 48 46 33.7	12 19 6.36 48 29 55.0	18.5				1.073	C IV 1549 C III 1909 Mg II 2798		510	1443		534 988 2144		1526vlbi, 1789mm, 2144rvar	
1216-110 O		12 16 38.62 -11 4 51.1	12 19 13.42 -11 21 30.1	19.70				1.538			2185	2185				2185B(J)mag	
1216-015 C	MKN 1320	12 16 42 -1 33 0	12 19 15.92 -1 49 38.9	15				0.103	O II 3727 H I 4340 H I 4861		1309	1310				1617ir	
1216+069 C X R	PG IC 3115	12 16 47.2 6 55 19	12 19 20.34 6 38 40.1	15.68*				0.334	Mg II 2798 H I 4340 O III 4959		1117	1117	1427	2011		1487,1980, 2112x,1207, 1261,1688, 1700imag, 1598sp,1729, 2005ir faint gals near,2118	
1216+169 O		12 16 48.25 16 56 8.6	12 19 20.43 16 39 29.8	18.1				2.829			1765	1765				1765Jmag	
1216-108 O		12 16 50.85 -10 48 6.8	12 19 25.64 -11 4 45.7	20.95				1.505			2185	2185				2185B(J)mag	
1216+097 O	H57	12 16 53.82 9 47 41.9	12 19 26.69 9 31 3.1	18.4				2.312			1765	1765 2301				1765Jmag	
1216+695 X		12 16 57.3 69 31 31	12 19 17.03 69 14 52.4	17.0	-.70			0.627			1314	1314				20 arcmin from NGC 4236,1314, 2118	
1216+110 O		12 16 58.18 11 3 39.5	12 19 30.92 10 47 0.7	18.5				1.616+			1765	1765				1765Jmag, 1765BAL	
1217+151 O	A3 12	12 17 14.3 15 9 37	12 19 46.62 14 52 58.3	19.0				0.564			1290	1627 1765 1765				3.02 arcmin from NGC 4262, 2118	
1217+085	H45	12 17 31.75 8 30 40.9	12 20 4.71 8 14 2.3					2.16			2301	2301					
1217+023 R X	PKS ON 029 UM 492	12 17 38.35 2 20 20.9	12 20 11.90 2 3 42.3	15.93*	.02	-.87	0.240+	Mg II 2798 0.24 Ne V 3426 O II 3727 NeIII 3869 H I 3934 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		079	102 085 157 334 437 492 290 753 760 875 1068 1902	102 080 247 248 249 252 1527 753 1527 875 1068 1902	006 775 789 1161 1170 1171 1340 1527 1530ir, 1222elp,1181, 1941,2061uv, 047,050fc, 1526vlbi,1700, 1884imag 1902avg ph mag faint gals near,2118	157 2228	047ubv,156, 704,1202pol, 1320rpol,912, 1781x,1195, 1195xvar,334, 1032,1109, 1181sp,780, 1530ir, 1222elp,1181, 1941,2061uv, 047,050fc, 1526vlbi,1700, 1884imag 1902avg ph mag faint gals near,2118		
1217+348 BL Lac R	GV 136	12 17 38.37 34 48 0.2	12 20 8.33 34 31 21.8	17.09	.62	-.52					1558			1559		1560fc,1558, 1865phot, 1558pol, 1558sp,2112x	
1217+126 O		12 17 41.62 12 36 58.5	12 20 14.16 12 20 20.0	18.5				1.047			2183	2183				2183B(J)mag	
1217-107 O		12 17 49.70 -10 46 17.3	12 20 24.54 -11 2 55.9	21.09				1.401			2185	2185				2185B(J)mag	
1217+100 O		12 17 58.93 10 5 31.8	12 20 31.71 9 48 53.4	18.3				0.994			2183	2183				2183B(J)mag	
1217-109 O		12 17 59.21 -10 55 22.8	12 20 34.07 -11 12 1.3	19.88				2.092			2185	2185				2185B(J)mag	

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1218-110			12 18 0.59	12 20 35.47	20.37					2.192			2185	2185			2185B(J)mag	
O			-11 2 10.6	-11 18 49.1														
1218+339		3CR 270.1	12 18 3.89	12 20 33.88	18.61		.19	-.61	1.516*	C IV 1549	1.5004	008 098			128 098	008ubv,113,		
R		4C 33.29	33 59 50.1	33 43 11.8						C III 1909		1749			462 571	216fc,		
		NRAO 396													774 1749	1526vlbi		
		ON 330													775 2263	1795rpol jet		
		B2													787	5.05 arcmin		
		DA 320													816	from anon gal,		
															870	0.0220zgal,		
															1531	2118		
															1804			
															1891			
															1996			
															2013			
1218+175		UT	12 18 7.5	12 20 39.49	18.0					0.449	Mg II 2798		1437	1437				
R			17 34 58	17 18 19.7						H I 4340			1765	1765				
1218-112			12 18 21.63	12 20 56.55	21.38					1.994			2185	2185		2185B(J)mag		
O			-11 13 47.5	-11 30 25.9														
1218+161			12 18 30.41	12 21 2.52	17.8					0.231			1765	1765		1765Jmag		
O			16 11 25.0	15 54 46.8														
1218-108			12 18 35.40	12 21 10.29	20.29					2.241			2185	2185		2185B(J)mag		
O			-10 48 39.9	-11 5 18.2														
1218+753		1E	12 18 44.9	12 20 56.74	18.16					0.645*	Mg II 2798	0.642	1233	1233	1233	2 arcmin from		
X			75 22 18.1	75 5 40.1						Ne V 3426					2228	gal,17vgal,		
															2263	1233,1696;		
																1.57 arcmin		
																from ZWG		
																1210.9+7520,		
																2118		
1218-024		PKS	12 18 49.94	12 21 23.97	20.2					0.665	Mg II 2798		026	1861				
R			-2 25 11.5	-2 41 49.7						Ne V 3426			649					
										O II 3727								
										NeIII 3869								
										H I 4861								
										O III 4959								
										O III 5007								
1218+304		RS 4	12 18 51.77	12 21 22.11	16.45*		.65	-.50					691		668	691ubv,877,		
BL Lac R		2A	30 27 15.2	30 10 37.2											1902	1541pol,927,		
X															1967	965,1056,		
																1389phot,668,		
																691,1088,1278,		
																1481,1542,		
																1925,1936,		
																2107,2112x,		
																928xvar,927ir		
																0.13zgal,965;		
																1902avg Bmag		
1219+285		W COM	12 19 1.13	12 21 31.71	16.5 *		.61	-.54					663		753 837	323,648ubv,		
BL Lac R		ON 231	28 30 36.3	28 13 58.4											754 955	323,662,		
X		VR28.12.02													755 1212	662pol,		
		B2													861 1281	1388rpol,662,		
		GC													970 1367	1361sp,965,		
															1068 1557	1389phot,		
															1791 1771	1259imag,829,		
															1802 1790	955,1057,1307,		
															1895 1794	2112x,1008,		
															1967 1807	1086rvar,1164,		
															2054 1930	1576,1649mf,		
															2073	1028,1789mm,		
															2134	749pos,1589ir,		
															2174	1526vlbi,		
																723fc,1679uv		
																0.102zgal,1361		
																IRAS source,		
																1806; 5.6		
																arcmin from		
																NGC 4295,2118		

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
1219+116 O		12 19 10.3 11 40 52	12 21 42.85 11 24 14.0	18.5					2.178+			1290 1627 1765 1765			1765	8.18 arcmin from NGC 4294, 6.48 arcmin from NGC 4299, 2188
1219-108 O		12 19 11.78 -10 52 23.9	12 21 46.71 -11 9 2.0	19.58					2.467			2185 2185				2185B(J)mag
1219+160 O		12 19 14.10 16 5 52.7	12 21 46.16 15 49 14.8	18.4					1.865+			1765 1765			1765	1765Jmag
1219-111 O		12 19 18.96 -11 10 35.7	12 21 53.93 -11 27 13.7	19.46					(0.310)			2185 2185				2185B(J)mag
1219-110 O		12 19 26.16 -11 0 55.9	12 22 1.12 -11 17 33.9	20.82								2185 2185				2185B(J)mag
1219-112 O		12 19 28.59 -11 12 12.4	12 22 3.57 -11 28 50.4	20.75					1.895			2185 2185				2185B(J)mag
1219-112 O		12 19 31.25 -11 13 35.1	12 22 6.23 -11 30 13.1	19.56					2.194			2185 2185				2185B(J)mag
1219+044 R X	PKS	12 19 48.4 4 29 59	12 22 21.70 4 13 21.2	17.98	-.10	-.88	(0.965)	Mg II 2798				048 1304				761sp, 1336rvar, 1485ubv, 1526vlbi,955x
1219+127 O		12 19 49.33 12 44 56.8	12 22 21.72 12 28 19.1	18.7					1.308+			2183 2183				2183B(J)mag, 2183BAL
1219-107 O		12 19 52.10 -10 44 24.9	12 22 27.05 -11 1 2.7	18.70					0.926			2185 2185				2185B(J)mag
1219+491 O	PC	12 19 52.1 49 8 41	12 22 18.80 48 52 3.5	18.86					2.325	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909 Mg II 2798		1517 1517				
1219+138 O	A3 45	12 19 54.3 13 50 56	12 22 26.56 13 34 18.3	18.4					1.525			1290 1765 1765				ref 1627 incorrect z
1219-108 O		12 19 54.73 -10 50 32.2	12 22 29.69 -11 7 10.0	19.40					1.623			2185 2185				2185B(J)mag
1219-112 O		12 19 56.42 -11 13 28.6	12 22 31.43 -11 30 6.4	18.76					2.105			2185 2185				2185B(J)mag
1220+567 O	SBS 17	12 20 0 56 43 0	12 22 24.41 56 26 22.5	18.5					1.400	C IV 1549 C III 1909		1285 1285				
1220-108 O		12 20 2.30 -10 53 52.0	12 22 37.28 -11 10 29.7	20.67					2.864			2185 2185				2185B(J)mag
1220-110 O		12 20 10.64 -11 1 52.1	12 22 45.64 -11 18 29.8	20.07					2.463			2185 2185				2185B(J)mag
1220-154	R10.29	12 20 36.8 -15 27 20	12 23 12.35 -15 43 57.5	18.7 *					0.44			2277 2277				
1220+101 O		12 20 39.49 10 6 55.7	12 23 12.13 9 50 18.3	17.8					0.277			1765 1765				1765Jmag
1220+373 R	B2	12 20 42.30 37 23 39.2	12 23 11.21 37 7 2.0	18.6					0.489	Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 He II 4686 O III 4959 O III 5007		1380 1379			1271	1384ir
1220+096 O		12 20 45.08 9 39 44.8	12 23 17.77 9 23 7.5	17.6					0.682			1765 1765				1765Jmag 1765Fe em

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1221+177 O		12 21 17 45	3.21 19.8	12 23 17 28	34.91 42.6	18.6			1.349			1765 1765					1765Jmag
1221-107 O		12 21 -10 46	13.00 28.5	12 23 -11 3	48.03 5.7	20.29			2.028			2185 2185					2185B(J)mag
1221+186 R	4C 18.34 ON 135	12 21 18 37	14.61 43.3	12 23 18 21	46.19 6.2	18.74	.18	-.92	1.401	C IV 1549 C III 1909		124 121	506	775 789 1145 1476			121ubv
1221+545 O	SBS 19	12 21 54 30	18 0	12 23 54 13	42.63 23.1	18			2.106+	H I 1216 Si IV 1397 C IV 1549		1285 1285				1285	
1221-109 O		12 21 -10 55	19.93 30.1	12 23 -11 12	54.98 7.3	19.28			1.524			2185 2185					2185B(J)mag
1221+165 O		12 21 16 34	20.48 27.1	12 23 16 17	52.31 50.1	18.6			1.480			1765 1765					1765Jmag
1221+758 R	W1	12 21 75 53	21.26 6.1	12 23 75 36	29.33 29.2	18.8	.26	-.84	1.632			530 689					689ubv 6.23 arcmin from NGC 4386, 2118
1221+145 O		12 21 14 31	25.4 19.8	12 23 14 14	57.47 42.8	20.2			2.297			1290 1627					18.8B(J)mag, 2274
1221-109 O		12 21 -10 54	32.26 4.1	12 24 -11 10	7.32 41.2	20.47			(0.431)			2185 2185					2185B(J)mag
1221+173 O		12 21 17 18	32.60 35.9	12 24 17 1	4.32 58.9	18.3			1.406			1765 1765					1765Jmag
1221+113 R	MC 2	12 21 11 23	47.43 59.7	12 24 11 7	19.86 22.8	18.7			1.762*	C IV 1549 He II 1640 O III 1663 N III 1750 C III 1909 C II 2326 Mg II 2798	1.6144	020 020 2049 2281		1818 2049 1891 2263		343fc,1818, 1891pos, 2183B(J)mag 7.38 arcmin from NGC 4352, 2118	
1221-110 O		12 21 -11 4	52.68 13.4	12 24 -11 20	27.78 50.4	18.57			2.495			2185 2185					2185B(J)mag
1222-111 O		12 22 -11 6	6.35 49.1	12 24 -11 23	41.47 26.0	20.49			2.171			2185 2185					2185B(J)mag
1222-108 O		12 22 -10 53	6.54 23.3	12 24 -11 10	41.63 0.2	18.71			(0.748)			2185 2185					2185B(J)mag
1222+131 O		12 22 13 10	15.94 49.1	12 24 12 54	48.12 12.4	18.7			1.059			1765 1765					1765Jmag 2.63 arcmin from NGC 4374, 8.9arcmin from NGC 4387,2118
1222+103 O		12 22 10 22	18.00 22.8	12 24 10 5	50.53 46.1	17.97			0.168			1765 1765					1765Jmag
1222+037 R	PKS 4C 03.23	12 22 3 47	19.05 27.2	12 24 3 30	52.38 50.5	19.02	.44	-1.05	0.957	He II 1640 C III 1909 Mg II 2798		026 436		789 1877			436ubv, 1526vlbi, 1789nm
1222+145 O		12 22 14 31	19.8 45.5	12 24 14 15	51.80 8.9	20.0			1.971			1290 1627					19.1B(J)mag, 2274
1222+094 O		12 22 9 28	23.34 49.4	12 24 9 12	55.97 12.8	18.3			1.470			1765 1765					1765Jmag
1222+216 R	4C 21.35 PKS ON 238	12 22 21 39	23.45 23.7	12 24 21 22	54.50 47.1	17.5	.06	-.69	0.435	Mg II 2798 Ne V 3426 O II 3727 H I 4340 O III 4363 H I 4861		052 101 002 1780		128 462 774 775 1111 1591 1888		059,299ubv, 1159,1526vlbi, 033,213fc, 1700,1884imag superluminal source,2249; faint gals near,2118	

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES	
		DEC (1950)		DEC (2000)								ID	Z	VAR	R		ABS
1222+108 O		12 22 27.75 10 53 33.4	12 25 0.20 10 36 56.8	18.7					2.296+			1765	1765			1765	1765Jmag
1222+166 O		12 22 31.52 16 40 43.6	12 25 3.23 16 24 7.1	17.8					(0.550)	Mg II 2798		1765	1765				1765Jmag
1222+145 O		12 22 39.16 14 33 44.7	12 25 11.14 14 17 8.2	17.1					1.329			1765	1765				1765Jmag
1222+101 O		12 22 39.76 10 10 55.9	12 25 12.29 9 54 19.4	18.3					0.400			1765	1765				1765Jmag
1222+131 O X		12 22 39.8 13 8 29.6	12 25 11.96 12 51 53.1	18.5					1.250	Mg II 2798		1290	1290				1290x near NGC 4374, 1290
1222+125 O		12 22 40.9 12 35 10	12 25 13.13 12 18 33.5	18.0					0.415	Mg II 2798		1290	1290 1765 1765				
1222+023 O	UM 497	12 22 44.9 2 23 33	12 25 18.39 2 6 56.5	17					2.022	H I 1216 C III 1909 Mg II 2798		922	922 2251				
1222-016 O	UM 498	12 22 46.6 -1 38 8	12 25 20.58 -1 54 44.5	18					2.44	H I 1216 C IV 1549		922	922				
1222+090 O		12 22 47.44 9 1 25.3	12 25 20.11 8 44 48.9	17.8					(0.530)	Mg II 2798		1765	1765				1765Jmag
1222+102 BL Lac C	WDM 6	12 22 50.3 10 16 9.6	12 25 22.81 9 59 33.2	18.3								548					547sp,2112x IRAS source, 1806; pos & B (J)mag,2274; 1.47 arcmin from NGC 4380, 2118
1222+228 O	KP 13	12 22 52.9 22 48 4	12 25 23.73 22 31 27.7	19.0					1.87			457	853				853rnd
1222+135 O	RMB 98 A3 121	12 22 56.5 13 34 1	12 25 28.58 13 17 24.6	18.0					1.792	H I 1216 Mg II 2798		1290	1290 1765 1765				25.08 arcmin from NGC 4374, 2118
1222+228 C X R	TON 1530 PG	12 22 56.58 22 51 49	12 25 27.40 22 35 12.7	15.49					2.048*	H I 1216 N V 1240 C II 1335 Si IV 1397 O IV 1402 N IV 1488 C IV 1549 He II 1640 O III 1663 N III 1750 C III 1909	2.0555 1.9805 1.9372 1.5239 1.4867 0.6681	168 1872 034 085 1000 2281	2011	034 036 169 170 171 1000 1872 1873 2228 2263	156,1202pol, 831,1000, 1117sp,853rnd, 1218uv,1487, 2112x,1729, 1983,2005ir faint gals near,2118		
1222+146 O		12 22 57.59 14 37 21.5	12 25 29.54 14 20 45.2	18.4					1.547+			1765	1765				1765Jmag, 1765BAL?
1223+109 O		12 23 8.18 10 59 17.3	12 25 40.59 10 42 41.0	18.7					2.321			1765	1765				1765Jmag
1223+252 C X R B2	TON 616 4C 25.40 VR25.12.02 ON 239	12 23 9.11 25 15 11.9	12 25 39.55 24 58 35.7	16	*	.01	-.72	0.268	Mg II 2798 O III 3133 He II 3203 Ne V 3345 Ne V 3426 NeIII 3869 S II 4071 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		144 133 258 775 018 290 1170 334 1171					1337ubv, 1202pol,696, 912,1980x, 1018phot, 1222elp,334sp 1700,1884,2077 imag/ext; 0.57 arcmin from anon gal, 1650,2118;	
1223+116 O		12 23 14.83 11 36 6.5	12 25 47.15 11 19 30.3	18.5					1.036			1765	1765				1765Jmag 1765Fe em

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R	ABS	NOTES
1223+123 O		12 23 14.9 12 20 50.6	12 25 47.12 12 4 14.4	18.8			2.170*		2.142	1290 1627		1627 2263	19.4B(J)mag,21
1223-157	R10.30	12 23 22.2 -15 43 37	12 25 58.01 -16 0 13.3	16.2 *			1.74			2277 2277			
1223+338 C	NGC 4395 UB 1	12 23 24 33 49 30	12 25 52.99 33 32 54.0	19.2			0.77			542			6.17 arcmin from NGC 4395, 2118
1223+338 C	NGC 4395 U 3	12 23 24 33 49 30	12 25 52.99 33 32 54.0	18.7			(1.677)			540			15.77 arcmin from anon gal, 0.0220zgal, NGC 4395 near, 2118
1223+338 C	NGC 4395 B6	12 23 24 33 49 30	12 25 52.99 33 32 54.0	18.4			1.038			540			5.48 arcmin from anon gal, 0.0220zgal, NGC 4395 near, 2118
1223+338 C	NGC 4395 UB 1	12 23 24 33 49 30	12 25 52.99 33 32 54.0	18.7			1.265			540			2.42 arcmin from anon gal, 0.0220zgal, NGC 4395 near, 2118
1223+164 O		12 23 27.46 16 26 57.2	12 25 59.12 16 10 21.1	18.7			1.930			1765 1765			1765Jmag
1223-108 O		12 23 31.29 -10 51 12.9	12 26 6.46 -11 7 49.1	19.74			1.872			2185 2185			2185B(J)mag
1223-112 O		12 23 31.87 -11 13 41.4	12 26 7.09 -11 30 17.6	19.91			1.828			2185 2185			2185B(J)mag
1223-108 O		12 23 32.16 -10 51 24.4	12 26 7.33 -11 8 0.6	19.26			0.383			2185 2185			2185B(J)mag
1223+178 O		12 23 35.78 17 53 25.2	12 26 7.23 17 36 49.2	18.1			2.918+			1765 1765		1765	1765Jmag
1223+124 O		12 23 42.77 12 26 2.1	12 26 14.95 12 9 26.1	18.5			0.872+			1765 1765		1765	1765Jmag
1223+110 O		12 23 43.88 11 5 26.9	12 26 16.24 10 48 50.9	18.2			0.829			1765 1765			1765Jmag
1223-111 O		12 23 50.65 -11 9 17.1	12 26 25.88 -11 25 53.2	20.16			(3.380)			2185 2185			2185B(J)mag
1223+227 O	KP 14	12 23 56.2 22 45 0	12 26 26.91 22 28 24.2	21.0			1.93			457 853			853rnd
1223+173 O		12 23 58.58 17 23 18.2	12 26 30.07 17 6 42.4	18.1			2.420			1765 1765			1765Jmag
1224-110 O		12 24 0.76 -11 1 43.4	12 26 35.98 -11 18 19.4	19.87			2.565			2185 2185			2185B(J)mag
1224+138 O		12 24 3.61 13 49 27.7	12 26 35.58 13 32 51.9	18.2			1.830+			1765 1765			1765Jmag
1224-111 O		12 24 35.17 -11 7 6.4	12 27 10.43 -11 23 42.1	20.12			(2.290)			2185 2185			2185B(J)mag
1224-109 O		12 24 35.41 -10 56 47.4	12 27 10.65 -11 13 23.1	19.97			(2.142)			2185 2185			2185B(J)mag
1224-109 O		12 24 36.79 -10 54 36.4	12 27 12.03 -11 11 12.1	19.54			1.424			2185 2185			2185B(J)mag
1224+160 O		12 24 37.81 16 4 50.4	12 27 9.43 15 48 14.9	18.7			0.532			1765 1765			1765Jmag
1224+127 O		12 24 41.2 12 44 40.1	12 27 13.28 12 28 4.6	18.6			2.167+			1290 1627 1765 1765		1765	

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1224+095	1E		12 24 44.0	12 27 16.52	18.73	.70	-.32	0.731	Mg II 2798				771	771				771ubv,1026,
X			9 30 45.8	9 14 10.3					Ne V 3426									1207,1261imag
																		19.3B(J)mag,21
1224-112			12 24 47.36	12 27 22.65	19.95				(0.600)				2185	2185				2185B(J)mag
O			-11 13 51.8	-11 30 27.4														
1224-112			12 24 49.58	12 27 24.88	15.37				1.979				2185	2185				2185B(J)mag
O			-11 16 59.3	-11 33 34.9														
1224+156			12 24 52.55	12 27 24.21	18.0				1.761				1765	1765				1765Jmag
O			15 38 17.6	15 21 42.2														
1224+143			12 24 55.6	12 27 27.44	20.5				2.290	H I 1216			1290	1290				
O			14 18 27.8	14 1 52.4					N V 1240									
1224-110			12 24 55.78	12 27 31.06	20.37				(1.883)				2185	2185				2185B(J)mag
O			-11 4 15.7	-11 20 51.2														
1224+290	CSO 139		12 24 58.1	12 27 27.65	17				2.25	H I 1216			1371	1992				1992Bmag
C			29 5 18	28 48 42.7					C IV 1549									
									C III 1909									
1225-108			12 25 3.00	12 27 38.25	20.59				2.242				2185	2185				2185B(J)mag
O			-10 48 14.9	-11 4 50.4														
1225+150			12 25 24.82	12 27 56.52	17.7				0.854				1765	1765				1765Jmag
O			15 2 53.4	14 46 18.3														
1225-017	UM 502		12 25 25.2	12 27 59.23	18				2.88	O VI 1034			922	922				
O			-1 46 28	-2 3 3.2					H I 1216									
1225+206	4C 20.29		12 25 40.5	12 28 11.33	18	*	.23	-.72					033		033	800		829,2112x,
BL Lac R	PKS		20 40 23	20 23 48.0												1086		032sp
X	ON 241																	
DW																		
1225+086			12 25 46.25	12 28 18.84	17.7				1.470				1765	1765				1765Jmag
O			8 36 50.8	8 20 15.8														
1225+152			12 25 50.53	12 28 22.17	18.0				2.007				1765	1765				1765Jmag
O			15 12 29.4	14 55 54.5														
1225-137	R10.25		12 25 51.4	12 28 27.12	19.2	*			2.26				2277	2277				
			-13 47 21	-14 3 56.1														
1225+317	B2		12 25 55.94	12 28 24.84	15.87	.28	-.68	2.219*	H I 1216 2.1199				138	326	731	790	326	322,1451ubv,
R			31 45 12.6	31 28 37.8					Si IV 1397 2.1103				659			1170	562	704,1202pol,
X									O IV 1402 1.8974							1340	695	950,1319,
									C IV 1549 1.8867							1794	817	1617ir,696,
									He II 1640 1.7956							1818	1000	912,1980x,582,
									C III 1909 1.6307								1621	1217
									1.6250								1000sp,	584,726,727,
									1.3586								1656	1621
																	1000sp,	584,726,727,
																	1969	1656
																	1969	1108absr,918,
																	1969	1941uv,
																	2228	1941uv,
																	2228	1018phot
																	2263	1018phot
																		Ly alpha abs,
																		562
1225+113			12 25 57.07	12 28 29.27	17.63				0.168				1765	1765				1765Jmag
O			11 20 28.9	11 3 54.0														
1225+161			12 25 57.47	12 28 28.96	18.7				2.232				1765	1765				1765Jmag
O			16 10 57.7	15 54 22.8														
1225-112			12 25 59.30	12 28 34.66	19.97				(1.649)				2185	2185				2185B(J)mag
O			-11 12 12.5	-11 28 47.5														
1226+152			12 26 0.99	12 28 32.61	18.2				1.408				1765	1765				1765Jmag
O			15 14 57.3	14 58 22.5														



TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	Z	VAR								R	ABS			
1226+105	MC 2	12 26 4.61	12 28 36.91	18.5					2.305*	H I 1216	2.1981	1765	019		1818	589	1108absr
	R	10 35 16.4	10 18 41.6							O I 1304	0.9376		589		1891	2049	1795rpol jet
										Si IV 1397	0.4627		1765			2228	
										O IV 1402	0.4308		2049			2263	
										C IV 1549			2281				
										He II 1640							
										N III 1750							
										C III 1909							
										C II 2326							
1226+154		12 26 16.43	12 28 48.00	18.2					1.122				2183	2183			2183B(J)mag
	O	15 26 53.2	15 10 18.5														
1226+167		12 26 24.27	12 28 55.64	18.3					1.285				1765	1765			1765Jmag
	O	16 44 29.4	16 27 54.8														
1226+112		12 26 25.87	12 28 58.05	18.2					1.980				1765	1765			1765Jmag
	O	11 15 29.8	10 58 55.2														
1226+130		12 26 26.1	12 28 58.02	20.2					2.502	H I 1216			1290	1290			pos & B(J)mag,
	O	13 2 2.5	12 45 27.9							N V 1240							2274; 39.7
																	arcmin from
																	3C 274, 2118
1226-111		12 26 26.16	12 29 1.53	19.30					2.455				2185	2185			2185B(J)mag
	O	-11 6 43.2	-11 23 18.0														

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	Z	VAR								R	ABS			
1226+023	3C 273	12 26 33.24	12 29 6.70	13.02*	.21	-.85	0.158	Mg II 2798	0.0000	069	172	007	128	2228	063,127,1451,		
	R 4C 02.32	2 19 43.2	2 3 8.6					He 3970			069	066	462		1660,1958ubv,		
	X NRAO 400							H I 4102			173	127	775		004,071,156,		
	ON 044							H I 4340			175	174	789		240,241,313,		
	PKS							H I 4861			315	212	794		318,704,877,		
	MSH 12+08							O III 5007			316	248	801		1202,1730,		
	DA 324							H I 6563			334	250	816		2050,2103,		
	PG										416	258	837		2136pol,841,		
	2A											259	896		1018,1403,		
	4U											260	898		1529phot,1320,		
												261	934		1388rpol,271,		
												262	961		696,873,912,		
												263	993		1107,1215,		
												264	1128		1306,1306,		
												265	1145		1487,1610,		
												266	1167		1735,1781,		
												267	1212		2003,2065,		
												268	1229		2084,2112x,		
												269	1338		780,799,804,		
												270	1340		810,886,930,		
												271	1544		1075,1237,		
												274	1557		1319,1319,		
												275	1604		1471,1530,		
												276	1697		1589,1608,		
												277	1771		1617,1729,		
												278	1804		2005,2021,		
												290	1807		2097ir,175,		
												484	1877		316,334,576,		
												753	1930		594,761,776,		
												861	2009		958,1117,1136,		
												875	2011		1236,1812,		
												920	2070		2229sp,876,		
												997			940,1156,1211,		
												1068			1223,1684,		
												1132			1776,1787,		
												1142			1894ext,1214,		
												1401			1329elp,749,		
												1657			943pos,1027,		
												1834			1028,1091,		
												1902			1789mm,798,		
												1933			926,1155,		
												1944			1195xvar,1071,		
												2054			1373,1526,		
												2271			1919,1921,		
															2135,2158,		
															2165vlbi,887,		
															1330,1721,		
															1938rvar,802,		
															851,881,		
															1701uv,1649,		
															1732,2132mf,		
															069,174,295,		
															341,1748fc,		
															1449,1525,		
															1700imag,		
															1362spext,		
															1600,		
															1893uvvar,		
															1805mmvar,		
															1645irvar,		
															1816euv,		
															2002emlvar,		
															2197poljet		
															958,1325,2100		
															strong FeIIem;		
															2037pol/phot;		
															IRAS source,		
															1644,1748,		
															1806,1860;		
															79.5 arcmin		
															from NGC 4420,		
															1650; 1.25		
															arcmin from		
															anon gal,0.158		
															zgal,2118;		
															superluminal		
															source 1827,		
															1845;Ly alpha		
															forest,2225,		
															2246;		
															1902avg Bmag		

TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1226-110 O		12 26 36.95 -11 5 55.7	12 29 12.33 -11 22 30.4	19.96					1.900			2185 2185					2185B(J)mag
1226+166 O		12 26 38.17 16 39 13.3	12 29 9.53 16 22 38.8	18.6					2.248			1765 1765					1765Jmag
1226+126 O		12 26 54.6 12 39 39.7	12 29 26.55 12 23 5.3	19.6					2.279			1290 1627					pos & B(J)mag, 2274; 9.42 arcmin from NGC 4476, 20.22 arcmin from 3C 274, 2118
1226+136 1E X		12 26 54.6 13 36 54	12 29 26.40 13 20 19.6	17.19	.73	-.49	0.150	H I 4340 H I 4861 O III 4959 O III 5007			771 771						771ubv,1910sp, 939ext,1026, 1207,1261imag 8.92 arcmin from NGC 4458, 8.22 arcmin from NGC 4473, 2118
1227+024 1E X		12 27 0 2 24 0	12 29 33.44 2 7 25.6						0.50			696					696x,1617ir
1227+140 1E X		12 27 2.3 14 3 3.9	12 29 34.03 13 46 29.6	17.40	.70	-.39	0.100	H I 4340 He II 4686 H I 4861 O III 4959 O III 5007 He I 5876			771 771						771ubv,939ext, 1026,1207, 1261imag, 1910sp, 2183pos 21cm em,1662
1227+455 HS O		12 27 3.2 45 30 16	12 29 28.64 45 13 41.8	16.3					0.194	Ne V 3426 O II 3727 NeIII 3869 H I 3889 H I 4102 H I 4340 O III 4363		2022 2022					
1227+151 A3 281 O		12 27 4.4 15 7 34.3	12 29 35.96 14 51 0.0	19.2					0.261			1290 1627					18.5B(J)mag,21
1227+120 O		12 27 9.4 12 5 53.8	12 29 41.42 11 49 19.6	19.2					2.458	H I 1216 N V 1240		1290 1290					pos & B(J)mag, 2274
1227+122 O		12 27 23.1 12 15 43	12 29 55.08 11 59 8.9	18.5					2.178			1290 1627 1765 1765					27.7 arcmin from 3C 274, 2118
1227+120 O		12 27 34.4 12 5 1.5	12 30 6.39 11 48 27.5	19.2					(0.80)			1290 1627					
1227+024 O		12 27 35.3 2 28 47	12 30 8.72 2 12 12.9	20.2					2.0	H I 1216		1439 1439					
1227-108 O		12 27 35.96 -10 51 55.8	12 30 11.36 -11 8 29.9	18.13					1.960			2185 2185					2185B(J)mag
1227-110 O		12 27 39.60 -11 5 47.7	12 30 15.04 -11 22 21.8	18.14					1.581			2185 2185					2185B(J)mag
1227+074 KP 15 O		12 27 50.0 7 26 45	12 30 22.68 7 10 11.1	20.5				(3.00)	O VI 1034 H I 1216			457 867					853rnd
1228+078 KP 16 O		12 28 1.62 7 49 39.2	12 30 34.24 7 33 5.4	17.47	-.06	-.99	1.816*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	1.8094 1.6332	457 1000 2254 457 867 2281		1000 1747 2228 2263	853rnd, 1485ubv, 2251sp 13.7 arcmin from KP 17, 1059				
1228+100 O		12 28 3.55 10 1 52.1	12 30 35.83 9 45 18.3	18.0					0.636			1765 1765					1765Jmag
1228-310 PKS R		12 28 6.00 -31 4 49.7	12 30 44.95 -31 21 23.6	20.4					2.276	H I 1216 C IV 1549 C III 1909		1861 1861			1861		

TABLE 1—Continued

		OTHER	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION	Z(ABS)	REFERENCES				NOTES
		NAMES	DEC (1950)		DEC (2000)						LINES		ID	Z	VAR	R	ABS
1228+167	1E		12 28 6.9	12 30 38.13	17.5		.35		0.839	Mg II 2798			1269 1269				1269ubv
X			16 42 19	16 25 45.3									1765 1765				
1228-108			12 28 16.13	12 30 51.56	19.58				2.392				2185 2185				2185B(J)mag
O			-10 48 40.3	-11 5 14.1													
1228-015			12 28 17.04	12 30 51.05	18.1				0.706				2183 2183				2183B(J)mag
O			-1 30 30.6	-1 47 4.3													
1228+112	RMB 207		12 28 22.0	12 30 54.07	18.0				0.235				1290 1290				
O			11 16 44	11 0 10.4									1765 1765				
1228+181			12 28 26.03	12 30 56.99	18.3				2.643				1765 1765				1765Jmag
O			18 8 12.2	17 51 38.7													
1228+076	KP 17		12 28 35.3	12 31 7.92	17.5				1.878	H I 1216			457 1059				853rnd,1059sp
O			7 41 12	7 24 38.5						C IV 1549			457				
										C III 1909			867				
1228-020			12 28 39.8	12 31 13.89	18.98			-.76	0.274				1203 1203				1203ubv,
C			-2 0 30.7	-2 17 4.2													19.2B(J)mag
1228+123	1E		12 28 41.2	12 31 13.09	17.10		.93	-.57	0.116				771 771				771ubv,1910sp
X			12 19 40	12 3 6.6													21.17 arcmin
																	from 3C 274,
																	2118
1228+122			12 28 44.53	12 31 16.42	17.3				1.400+				1765 1765				1765Jmag,
O			12 16 57.6	12 0 24.2													1765BAL?
1228+077	KP 18		12 28 47.9	12 31 20.51	17.59		-.01	-.07	2.391*	O VI 1034 2.1367	496 1059		853 1059				1059sp,457fc,
O			7 42 31	7 25 57.6						H I 1216 2.0192	457		1747				1485ubv
R										N V 1240 1.8971	496		2228				204 arcsec
										C IV 1549 1.3003	867		2263				from KP 17,
										0.0712							1059
1228+176			12 28 50.14	12 31 21.15	18.7				0.403				1765 1765				1765Jmag
O			17 38 22.5	17 21 49.2													
1228+141			12 28 55.86	12 31 27.43	18.7				0.511				1765 1765				1765Jmag
O			14 11 21.5	13 54 48.3													
1228+160			12 28 57.77	12 31 29.03	17.6				0.512				1765 1765				1765Jmag
O			16 2 43.5	15 46 10.3													
1229+085			12 29 1.37	12 31 33.83	18.6				0.766				2183 2183				2183B(J)mag
O			8 34 31.0	8 17 57.8													
1229+115			12 29 6.7	12 31 38.68	18.5				1.027	Mg II 2798			1290 1290				
O			11 33 49	11 17 15.8									1765 1765				
1229+116			12 29 12.4	12 31 44.37	19.7				1.80	H I 1216			1290 1439				
O			11 37 48.5	11 21 15.4						C IV 1549			1439				
1229+405	B3		12 29 14.2	12 31 40.43	19.0				0.649	Mg II 2798			1990 2270				
R			40 34 5	40 17 32.0													
1229+142			12 29 15.3	12 31 46.84	19.0				2.862+	H I 1216			1290 1290			1765	
O			14 14 2	13 57 28.9						N V 1240			1765 1765				
1229+149			12 29 16.7	12 31 48.13	19.2				2.320				1290 1627				
O			14 54 16.3	14 37 43.3													
1229+645	1E		12 29 18	12 31 33.34	16.89				0.17				1696 1696			2083	1.38 arcmin
BL Lac X			64 30 0	64 13 27.1													from NGC 4510,
R																	0.009zgal,14.2
																	vgal,1696,2118
1229+155			12 29 19.07	12 31 50.39	18.7				2.270				1765 1765				1765Jmag
O			15 31 20.8	15 14 47.8													
1229+117			12 29 22.3	12 31 54.23	18.8				(2.23)				1290 1627				pos & B(J)mag,
O			11 45 51.9	11 29 18.9													2274; 9.77
																	arcmin from
																	NGC 4497,2118
1229-108			12 29 25.80	12 32 1.31	20.15				1.904				2185 2185				2185B(J)mag
O			-10 52 41.9	-11 9 15.0													

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	Z	VAR								R	ABS			
1229-021	PKS R 4C 02.55 X ON 049	12 29 25.89 -2 7 32.5	12 32 0.01 -2 24 5.5	16.72*	.48	-.66	1.045*	C III 1909 O II 2470 Mg II 2798 Ne V 3345 Ne V 3426	0.395	112	571 006 128 054 054 249 775 439 436 290 789 560 1365 756 1111 571 2183 760 1877 1365 875 2228 1068 2244 1142 2263 1902					112,736ubv, 156,1202pol, 1320rp01,551, 761,1304, 1365sp,556, 1108absr, 1005x,077fc, 1526vlbi 1902avg ph mag 2183strong uvFeIIem	
1229+597	SBS 20 O	12 29 30 59 45 0	12 31 48.57 59 28 27.2	18			1.592	C IV 1549 C III 1909		1285	1285						
1229+011	O	12 29 36.07 1 6 47.6	12 32 9.68 0 50 14.7	18.0			0.477			2183	2183					2183B(J)mag	
1229+078	KP 20 O	12 29 37.7 7 50 17	12 32 10.25 7 33 44.1	20.0			1.51	C IV 1549 C III 1909		457	867					853rnd	
1229+128	O	12 29 45.73 12 50 32.4	12 32 17.46 12 33 59.6	17.8			1.230			1765	1765					1765Jmag	
1229+077	KP 21 O	12 29 49.5 7 47 7	12 32 22.05 7 30 34.2	19.5			2.75	O VI 1034 H I 1216		457	867					853rnd	
1230+144	O	12 30 5.70 14 27 29.3	12 32 37.14 14 10 56.7	18.5			0.422			1765	1765					1765Jmag	
1230-110	O	12 30 6.17 -11 5 56.8	12 32 41.75 -11 22 29.5	20.65			1.399			2185	2185					2185B(J)mag	
1230+107	O	12 30 7.27 10 42 36.4	12 32 39.33 10 26 3.8	18.2			2.430			1765	1765					1765Jmag	
1230+120	O	12 30 11.0 12 3 0.8	12 32 42.84 11 46 28.3	19.1			1.90	H I 1216 C IV 1549		1290 1439 1439 1627							
1230-107	O	12 30 15.67 -10 45 20.3	12 32 51.20 -11 1 52.9	20.95			1.540			2185	2185					2185B(J)mag	
1230+145	O	12 30 17.28 14 30 59.5	12 32 48.70 14 14 27.0	17.6			0.332			1765	1765					1765Jmag	
1230-111	O	12 30 19.60 -11 7 4.3	12 32 55.20 -11 23 36.9	20.38			2.614			2185	2185					2185B(J)mag	
1230+133	O	12 30 22.88 13 18 40.1	12 32 54.49 13 2 7.7	18.5			2.290			1765	1765					1765Jmag	
1230-107	O	12 30 23.65 -10 43 25.5	12 32 59.18 -10 59 58.0	19.21			1.934			2185	2185					2185B(J)mag	
1230-237	M10.08	12 30 27.6 -23 47 2	12 33 5.46 -24 3 34.5	16.73			1.80			2277	2277						
1230-002	O	12 30 30.20 -0 15 3.0	12 33 4.03 -0 31 35.4	17.0			0.470			2183	2183					2183B(J)mag	
1230+164	O	12 30 39.06 16 27 58.7	12 33 10.11 16 11 26.5	18.7			0.918			2183	2183					2183B(J)mag	
1230+164	O	12 30 39.42 16 27 26.0	12 33 10.47 16 10 53.8	17.8			2.700+			1765	1765				1765	1765Jmag	
1230+170	O	12 30 39.77 17 5 38.0	12 33 10.71 16 49 5.8	18.4			1.419+			2183	2183					2183B(J)mag, 2183BAL	
1230+146	O	12 30 40.7 14 40 27	12 33 12.06 14 23 54.8	18.1			0.313			1290 1627 1765 1765							
1230+108	O	12 30 45.76 10 52 10.4	12 33 17.76 10 35 38.2	17.5			1.370			1765	1765					1765Jmag	
1230+179	O	12 30 52.71 17 56 38.8	12 33 23.48 17 40 6.7	18.7			1.177			1765	1765					1765Jmag	

TABLE 1—*Continued*

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
1230+097 O		12 30 53.64 9 47 54.6	12 33 25.82 9 31 22.5	16.2					0.420			1765	1765			1765Jmag
1230+137 O		12 30 55.77 13 45 57.1	12 33 27.27 13 29 25.0	18.2					0.840			1765	1765			1765Jmag
1230+096 O		12 30 57.53 9 41 49.3	12 33 29.72 9 25 17.2	18.4					1.840			1765	1765			1765Jmag
1231+480 R		12 31 0 48 0 0	12 33 23.43 47 43 28.1	17					0.379			2060		2060		ref for z is Wills et al. in prep, per 2060
1231+082 O		12 31 0.54 8 16 47.6	12 33 32.97 8 0 15.6	18.2					1.500			1765	1765			1765Jmag
1231+349 R		12 31 1.04 34 56 14.6	12 33 28.30 34 39 42.7	19.3					0.847			1446	1447			
1231+312 O	TON 83 CSO 150	12 31 13.62 31 17 33.7	12 33 41.69 31 1 1.9	16.2					0.29	Mg II 2798 H I 4102 H I 4861		1371	1369			1478fc
1231+174 O		12 31 18.12 17 28 28.5	12 33 48.93 17 11 56.7	18.6					0.621	Mg II 2798		1765	1765			1765Jmag
1231+153 O		12 31 23.20 15 18 36.2	12 33 54.40 15 2 4.4	18.7					1.745			1765	1765			1765Jmag
1231+164 O		12 31 25.50 16 27 25.1	12 33 56.49 16 10 53.4	18.8					0.999			2183	2183			2183B(J)mag
1231+294 C	CSO 151 TON 621	12 31 26.9 29 24 24	12 33 55.35 29 7 52.3	16					2.011+	Si IV 1397 O IV 1402 C III 1909		1371	1992		1992	1992Bmag
1231-021 O		12 31 30.62 -2 9 56.9	12 34 4.77 -2 26 28.7	18.3					1.443			2183	2183			2183B(J)mag
1231-109 O		12 31 30.77 -10 58 26.7	12 34 6.41 -11 14 58.5	19.41					2.319			2185	2185			2185B(J)mag
1231+082 O		12 31 57.08 8 13 37.7	12 34 29.48 7 57 6.2	18.0					1.190			1765	1765			1765Jmag
1231+120 O		12 31 58.86 12 3 41.7	12 34 30.59 11 47 10.3	18.5					1.210			1765	1765			1765Jmag
1232-109 O		12 32 3.54 -10 59 51.5	12 34 39.21 -11 16 23.0	20.69					2.263			2185	2185			2185B(J)mag
1232+082 O		12 32 5.17 8 15 12.1	12 34 37.56 7 58 40.7	18.4					2.570+			1765	1765		1765	1765Jmag
1232-108 O		12 32 9.68 -10 51 1.8	12 34 45.33 -11 7 33.2	21.66					2.246			2185	2185			2185B(J)mag
1232+116 O		12 32 24.71 11 39 47.4	12 34 56.48 11 23 16.3	18.4					2.870			1765	1765			1765Jmag
1232+134 O		12 32 26.8 13 25 26.4	12 34 58.26 13 8 55.3	19.5					2.364*	H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909 Mg II 2798	2.246	1290	1290		1290 2228	1290BAL
1232-112 O		12 32 26.86 -11 13 57.6	12 35 2.60 -11 30 28.8	20.88					(2.400)			2185	2185			2185B(J)mag
1232-002 C		12 32 32.1 -0 13 52.3	12 35 5.93 -0 30 23.4	18.86		-1.19	1.890		H I 1216 N V 1240 Si IV 1397 C IV 1549		1203	1203				1203ubv
1232-008 O		12 32 36.64 -0 51 15.4	12 35 10.58 -1 7 46.5	18.4					2.783			2183	2183			2183B(J)mag

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS	NOTES
1232+145 O		12 32 37.62 14 33 47.6	12 35 8.86 14 17 16.6	18.6			0.920			1765 1765	1765Jmag
1232-004 C	QNY1:13	12 32 56.1 -0 25 11.0	12 35 29.96 -0 41 41.9	19.13		-.71	1.579	C IV 1549 C III 1909		1878 1878 2058	1878Bmag
1232+125 C	WDM 8 RMB 109	12 32 56.2 12 30 10.4	12 35 27.79 12 13 39.6	17.21	.28	-.68	0.723	H I 4861		548 1290 1290 547	689ubv 0.73 arcmin from NGC 4550, 1650;3.63 arcmin from NGC 4551,2118 17.7B(J)mag,21
1232-249 R	PKS B1 MSH 12-27	12 32 59.4 -24 55 46	12 35 37.83 -25 12 17.0	17.36*	.18	-.59	0.355	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 NeIII 3968 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		177 382 056 775 501 290 2056 745	056,1485ubv, 1320rpol, 940ext,761, 1304sp,112, 300fc, 2145imag
1233-109 O		12 33 1.61 -10 57 39.7	12 35 37.33 -11 14 10.6	20.55			(1.884)			2185 2185	2185B(J)mag
1233-109 O		12 33 3.39 -10 59 3.4	12 35 39.12 -11 15 34.2	19.36			1.485			2185 2185	2183B(J)mag
1233-305 O	K06.08	12 33 6.1 -30 34 16	12 35 45.81 -30 50 46.9	18.7			3.1			2277 2277	
1233-108 O		12 33 13.68 -10 50 27.1	12 35 49.39 -11 6 57.8	18.94			1.902			2185 2185	2185B(J)mag
1233-008 C	QNY1:02	12 33 13.7 -0 52 35.4	12 35 47.64 -1 9 6.1	20.20		-1.50	1.471	C IV 1549 C III 1909		1878 1878 2058	1878Bmag
1233+260 O		12 33 18.3 26 1 18	12 35 47.20 25 44 47.5	20.5			2.04	H I 1216		1387 1387	7.72 arcmin from NGC 4562 and NGC 4565A, 2118
1233-009 C	QNY1:06	12 33 19.7 -0 55 18.7	12 35 53.65 -1 11 49.3	19.52		-1.19	1.470	C IV 1549 C III 1909		1878 1878 2058	1878Bmag
1233+262 O		12 33 21.3 26 17 12	12 35 50.14 26 0 41.5	21.0			2.09	H I 1216		1387 1387	9.78 arcmin from NGC 4562 and NGC 4565A, 6.85 arcmin from NGC 4565, 2118
1233-107 O		12 33 21.45 -10 47 15.3	12 35 57.16 -11 3 45.9	21.19			(2.12)			2185 2185	2185B(J)mag
1233-006 C	QNY1:09	12 33 28.6 -0 36 4.5	12 36 2.50 -0 52 35.0	20.87		-1.26	(1.097)	C III 1909		1878 1878 2058	1878Bmag
1233+264 O		12 33 28.7 26 29 54	12 35 57.47 26 13 23.6	19.1			2.40	H I 1216 C IV 1549		1439 1439	4.33 arcmin from NGC 4565B 5.43 arcmin from NGC 4565C 2118
1233+006 O		12 33 29.17 0 40 12.8	12 36 2.84 0 23 42.3	18.4			1.573			2183 2183	2183B(J)mag
1233+108 R	MC 2	12 33 32.7 10 51 19.7	12 36 4.55 10 34 49.3	18.8			0.665	Mg II 2798 O II 3727 NeIII 3869 NeIII 3968 H I 4861 O III 4959 O III 5007		343 019 1888	1111fc, 2183pos

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
1233+268 O		12 33 33.0 26 51 36	12 36 1.68 26 35 5.7	20.2					1.99	C IV 1549 C III 1909		1387 1387				6.2arcmin from NGC 4555,2118
1233-007 C	QNY1:08	12 33 34.9 -0 42 56.6	12 36 8.82 -0 59 27.0	19.86				-0.67	0.417	Mg II 2798		1878 2058				1878Bmag
1233-005 C	QNY1:07	12 33 35.1 -0 34 44.7	12 36 8.99 -0 51 15.1	20.58				-0.63	(0.308)	Mg II 2798 O II 3727		1878 1878				1878Bmag, 2058neml
1233-108 O		12 33 38.98 -10 51 17.5	12 36 14.72 -11 7 48.0	19.64					2.760			2185 2185				2185B(J)mag
1233+154 O		12 33 39.43 15 24 14.2	12 36 10.43 15 7 43.9	18.2					1.541			1765 1765				1765Jmag
1233-141 R11.12		12 33 42.4 -14 10 36	12 36 18.76 -14 27 6.4	17.7 *					0.8			2277 2277				
1233+266 O		12 33 42.8 26 39 30	12 36 11.50 26 22 59.8	21.6					2.10	C IV 1549 C III 1909		1387 1387				9.7arcmin from NGC 4565C,2118
1233-006 C	QNY1:29	12 33 54.1 -0 37 27	12 36 28.00 -0 53 57.2	21.32				-0.88	(0.179)	O II 3727		1878 1878				1878Bmag
1233-006 C	QNY1:36	12 33 57.9 -0 36 30.6	12 36 31.80 -0 53 0.8	20.91				-0.94	1.784	Si IV 1397 C IV 1549 C III 1909		1878 1878 2058				1878Bmag
1233+268 O		12 33 58.5 26 48 24	12 36 27.13 26 31 53.9	19.8					1.82	C IV 1549 C III 1909		1387 1387				30 arcsec from anon gal,1387, 2118
1234-003 C	QNY1:32	12 34 2.8 -0 20 54.5	12 36 36.65 -0 37 24.6	21.06				-0.69	0.445	O II 3727		1878 1878 2058				1878Bmag, 2058neml
1234+268 O R		12 34 2.8 26 51 48	12 36 31.41 26 35 18.0	21.6					2.10	H I 1216		1387 1387			1794	
1234-022 O		12 34 5.67 -2 12 6.7	12 36 39.86 -2 28 36.8	18.0					0.305			2183 2183				2183B(J)mag, 2183neml
1234+144 O		12 34 6.19 14 29 47.1	12 36 37.33 14 13 17.1	18.4					1.596			2183 2183				2183B(J)mag
1234-005 C	QNY1:30	12 34 7.6 -0 33 25.6	12 36 41.49 -0 49 55.7	19.55				-1.17	1.792	C IV 1549 C III 1909		1878 1878 2058				1878Bmag
1234-006 C	QNY1:26	12 34 12.1 -0 36 40.6	12 36 46.00 -0 53 10.6	21.26				-0.18	(0.135)	O II 3727		1878 1878 2058				1878Bmag, 2058neml
1234-021 O		12 34 14.28 -2 9 36.1	12 36 48.46 -2 26 6.1	17.7					1.606			2183 2183				2183B(J)mag
1234-006 C	QNY1:25	12 34 16.0 -0 40 39.2	12 36 49.91 -0 57 9.2	20.88				-1.43	1.437	C IV 1549 C III 1909		1878 1878 2058				1878Bmag
1234-007 C	QNY1:17	12 34 16.0 -0 42 56.0	12 36 49.92 -0 59 26.0	19.04				-1.04	1.545	C IV 1549 N III 1750 C III 1909		1878 1878 2058				1878Bmag 18.7B(J)mag,21
1234+266 O		12 34 22.4 26 41 42	12 36 51.00 26 25 12.2	20.5					2.09	C IV 1549 C III 1909		1387 1387				
1234-004 C	QNY1:31	12 34 23.1 -0 24 38.2	12 36 56.97 -0 41 8.1	20.00				-1.52	1.686	Si IV 1397 C IV 1549 C III 1909		1878 1878 2058				1878Bmag
1234+001 C	QNY2:25	12 34 23.4 0 10 10.8	12 36 57.16 -0 6 19.1	20.62				-1.68	1.870	C IV 1549 C III 1909		1878 2058				1878Bmag
1234-107 O		12 34 26.71 -10 46 58.6	12 37 2.48 -11 3 28.5	20.85					2.316			2185 2185				2185B(J)mag
1234-003 C	QNY1:33	12 34 28.2 -0 21 27	12 37 2.06 -0 37 56.8	20.10				-0.54	0.753	Mg II 2798		2058 2058				2058Bmag, 2058ubv
1234+005 C	QNY2:10	12 34 28.9 0 31 5.9	12 37 2.60 0 14 36.1	20.27				-1.04	1.581	C IV 1549 C III 1909		1878 2058				1878Bmag



TABLE 1—Continued

	OTHER NAMES	RA (1950)	RA (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS	
1234+122 O		12 34 29.99 12 17 24.6	12 37 1.52 12 0 54.8	18.4			0.664	Mg II 2798		1765	1765			1765Jmag
1234+002 C	QNY2:22	12 34 30.6 0 13 7.6	12 37 4.35 -0 3 22.2	20.09		-0.70	2.038	H I 1216 C IV 1549 C III 1909		1878	1878 2058			1878Bmag
1234+003 C	QNY2:21	12 34 34.9 0 19 57.7	12 37 8.63 0 3 27.9	19.20		-1.09	2.003	H I 1216 N V 1240 Si IV 1397 C IV 1549		1878	1878 2058			1878Bmag
1234+262 O		12 34 36.1 26 13 6	12 37 4.77 25 56 36.4	20.4			1.55	C IV 1549 C III 1909		1387	1387			
1234+335 R	UT	12 34 37.0 33 30 53	12 37 3.91 33 14 23.4	18.5			1.28	C IV 1549 C III 1909 Mg II 2798		1437	1437			
1234+016 C		12 34 38.9 1 39 29.8	12 37 12.39 1 23 0.1	19.03		-0.91	0.627+	C II 2326 Mg II 2798 O III 3133		1203	1203		1203	1203ubv
1234+004 C	QNY2:15	12 34 39.2 0 28 27.7	12 37 12.91 0 11 58.0	20.44		-1.19	2.003	H I 1216 N V 1240 C IV 1549		1878	1878 2058			1878Bmag
1234+001 C	QNY2:37	12 34 39.4 0 6 50.4	12 37 13.17 -0 9 39.3	20.25		-0.53	0.943	C III 1909 Mg II 2798		1878	1878 2058			1878Bmag
1234+016 C		12 34 39.8 1 39 30	12 37 13.29 1 23 0.3	19.43		-0.57	0.722	Mg II 2798 O III 3133		1203	1203			1203ubv 15arcsec from 12 34 38.9, +01 39 31,1203
1234+265 O		12 34 45.8 26 35 30	12 37 14.37 26 19 0.5	21.6			2.20	H I 1216		1387	1387			
1234+013 C	QNY3:55	12 34 51.01 1 22 43.7	12 37 24.55 1 6 14.1	18.10		-0.38	2.026*	C IV 1549	1.334 1.302	2058 2183	2058 2183		2058 2263	2058Bmag, 2058ubv
1234-004 C	QNY1:28	12 34 54.1 -0 27 44.7	12 37 27.98 -0 44 14.3	20.78		-1.65	2.193	H I 1216 Si IV 1397 C IV 1549		1878	1878 2058			1878Bmag
1234+099 O		12 34 54.13 9 56 14.7	12 37 26.08 9 39 45.2	17.9			0.202			2183	2183			2183B(J)mag
1234+167 O		12 34 54.28 16 47 22.8	12 37 24.91 16 30 53.3	18.7			1.549			1765	1765			1765Jmag
1234+152 O		12 34 56.6 15 13 47	12 37 27.53 14 57 17.5	19.0			0.394	Mg II 2798		1290 1765	1290 1765			
1234+010 C	QNY3:34	12 34 57.4 1 0 58	12 37 31.01 0 44 28.5	20.10		-0.81	1.802	C IV 1549 C III 1909		2058	2058			2058Bmag, 2058ubv
1234-006 C	QNY1:24	12 34 59.5 -0 36 19.7	12 37 33.40 -0 52 49.2	20.87		-1.20	0.788	Mg II 2798		1878	1878 2058			1878Bmag
1235+135 O		12 35 2.33 13 35 36.3	12 37 33.58 13 19 6.9	17.69			0.150			1765	1765			1765Jmag
1235+009 C	QNY3:27	12 35 3.0 0 55 4	12 37 36.62 0 38 34.6	19.63		-0.87	0.980	C III 1909		2058	2058			2058Bmag, 2058ubv
1235+005 C	QNY2:09	12 35 4.5 0 31 55.6	12 37 38.19 0 15 26.2	20.98		-1.07	(0.822)	Mg II 2798		1878	1878 2058			1878Bmag
1235+148 O		12 35 5.5 14 53 11	12 37 36.49 14 36 41.6	19.0			2.680+	H I 1216 N V 1240		1290 1765	1290 1765			1765BAL
1235+262 O		12 35 6.4 26 13 0	12 37 35.00 25 56 30.7	21.6			2.30	C IV 1549 C III 1909		1387	1387			
1235+005 C	QNY2:14	12 35 7.7 0 33 56.1	12 37 41.39 0 17 26.7	21.13		-1.19	1.873	C IV 1549 C III 1909		1878	1878 2058			1878Bmag

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES		Z(ABS)	REFERENCES				NOTES	
		DEC (1950)		DEC (2000)									ID	Z	VAR	R	ABS	
1235+000	QNY2:39	12 35 9.9	12 37 43.69	20.45			-2.10	0.169	O II 3727			1878 1878						1878Bmag,
C		0 1 15.7	-0 15 13.7						H I 4861									2058neml
1235+013	QNY3:56	12 35 10.8	12 37 44.34	18.84			-1.00	0.646	Mg II 2798			2058 2058						2058Bmag,
C		1 21 2	1 4 32.6															2058ubv
1235+012	QNY3:53	12 35 12.2	12 37 45.76	21.03			-1.03	0.922	Mg II 2798			2058 2058						2058Bmag,
C		1 16 43	1 0 13.7															2058ubv
1235-108		12 35 12.83	12 37 48.65	20.30					(2.048)			2185 2185						2185B(J)mag
O		-10 50 18.9	-11 6 48.3															
1235+113		12 35 12.91	12 37 44.57	18.1					0.940			1765 1765						1765Jmag
O		11 23 27.4	11 6 58.1															
1235-003		12 35 15.74	12 37 49.59	18.3					0.944			2183 2183						2183B(J)mag
O		-0 19 15.5	-0 35 44.8															
1235+181		12 35 15.98	12 37 46.31	18.7					2.405			1765 1765						1765Jmag
O		18 7 24.6	17 50 55.4															
1235+096		12 35 16.53	12 37 48.52	17.56					0.122			1765 1765						1765Jmag
O		9 39 51.4	9 23 22.2															
1235-182	MC	12 35 17.12	12 37 54.41	19.6					2.192+	H I 1216		1445 1445					1445	
R		-18 13 58.2	-18 30 27.6							C IV 1549								
1235+005	QNY2:16	12 35 20.2	12 37 53.89	20.97			-1.80	0.866	Mg II 2798			1878 1878						1878Bmag
C		0 33 6.0	0 16 36.8									2058						
1235+004	QNY2:12	12 35 22.6	12 37 56.31	21.33			-1.03	(1.188)	C III 1909			1878 1878						1878Bmag
C		0 25 45	0 9 15.8															
1235+089		12 35 22.73	12 37 54.85	18.2					2.880+			1765 1765						1765Jmag,
O		8 57 34.2	8 41 5.0															1765BAL
1235+002	QNY2:19	12 35 22.8	12 37 56.54	21.18			-.83	1.122	C III 1909			1878 1878						1878Bmag
C		0 17 28	0 0 58.8							Mg II 2798		2058						
1235+174		12 35 22.92	12 37 53.37	18.7					1.758			1765 1765						1765Jmag
O		17 26 29.2	17 10 0.1															
1235+010	QNY3:22	12 35 23.6	12 37 57.20	21.05			-1.19	1.890	C IV 1549			2058 2058						2058Bmag,
C		1 2 43	0 46 13.8															2058ubv
1235+006	QNY2:07	12 35 24.5	12 37 58.18	20.14			-1.24	1.948	H I 1216			1878 1878						1878Bmag
C		0 36 13.2	0 19 44.0							N V 1240		2058						
1235+159		12 35 25.07	12 37 55.82	18.7					1.159			2183 2183						2183B(J)mag
O		15 57 33.1	15 41 4.0															
1235+264		12 35 25.1	12 37 53.60	20.2					2.50	H I 1216		1387 1387						
O		26 27 30	26 11 0.9															
1235+632	1E	12 35 28.5	12 37 41.31	18.52*								1233		1764	1233			1481sp,1764,
BL Lac X		63 15 55.3	62 59 26.3												2083			2107,2112x
R																		0.297sgal,1233
																		1481; IRAS
																		source,1806;
1235+011	QNY3:01	12 35 30.5	12 38 4.08	20.12			-.72	0.720	Mg II 2798			2058 2058						2058Bmag,
C		1 7 43	0 51 13.9															2058ubv
1235+156		12 35 30.91	12 38 1.72	18.6					1.346			1765 1765						1765Jmag
O		15 36 57.8	15 20 28.7															
1235-117	UT	12 35 31.4	12 38 7.41	18					1.32	C IV 1549		1437 1437						
R		-11 42 56	-11 59 25.2							C III 1909								
1235+007	QNY3:20	12 35 33.2	12 38 6.84	19.67			-.39	0.794	Mg II 2798			2058 2058						2058Bmag,
C		0 47 53	0 31 23.9															2058ubv
1235+008	QNY3:29	12 35 34.5	12 38 8.14	19.45			-1.23	1.041	C III 1909			2058 2058						2058Bmag,
C		0 48 46	0 32 16.9															2058ubv
1235+011	QNY3:07	12 35 34.8	12 38 8.38	19.77			-.60	0.808	Mg II 2798			2058 2058						2058Bmag,
C		1 9 15	0 52 45.9															2058ubv

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES
1235+005 C	QNY2:05	12 35 39.1 0 31 44.1	12 38 12.79 0 15 15.1	19.40		-.54	0.580	Mg II 2798		1878 2058		1878Bmag
1235+022 O		12 35 39.66 2 16 47.6	12 38 13.03 2 0 18.6	17.6			0.672			2183 2183		2183B(J)mag
1235-006 C	QNY4:40	12 35 42.9 -0 40 28	12 38 16.82 -0 56 57.0	19.81		-.96	1.404	C III 1909		2058 2058		2058Bmag, 2058ubv
1235+014 C	QNY3:49	12 35 49.6 1 25 1	12 38 23.13 1 8 32.1	19.76		-1.24	1.220	C III 1909		2058 2058		2058Bmag, 2058ubv
1235+181 O		12 35 49.98 18 7 7.2	12 38 20.25 17 50 38.4	17.2			(0.449+)	Mg II 2798		1765 1765		1765Jmag, 1765BAL
1235+134 O		12 35 50.23 13 29 15.1	12 38 21.44 13 12 46.3	18.4			0.350			1765 1765		1765Jmag
1235+264 O		12 35 52.8 26 24 18	12 38 21.25 26 7 49.2	20.4			2.70	C IV 1549 C III 1909		1387 1387		
1235-013 C	QNY5:56	12 35 53.4 -1 20 51	12 38 27.45 -1 37 19.9	20.99		-1.12	(1.562)			2058 2058		2058Bmag, 2058ubv
1235+005 C	QNY2:02	12 35 54.5 0 35 33.7	12 38 28.18 0 19 4.9	20.14		-.86	0.976	C III 1909 Mg II 2798		1878 1878 2058		1878Bmag
1235+000 C	QNY2:27	12 35 55.1 0 5 51.7	12 38 28.88 -0 10 37.1	20.13		-.79	1.568	C IV 1549 C III 1909		1878 1878 2058		1878Bmag
1235+008 C	QNY3:14	12 35 57.8 0 53 48	12 38 31.42 0 37 19.2	20.72		-.41	0.275			2058 2058		2058Bmag, 2058ubv, 2058neml
1235+175 O		12 35 58.08 17 34 25.9	12 38 28.45 17 17 57.2	18.7			1.631			1765 1765		1765Jmag
1235+115 O		12 35 58.47 11 31 58.7	12 38 30.06 11 15 30.0	18.2			0.360			1765 1765		1765Jmag
1235+014 C	QNY3:44	12 35 58.6 1 24 42	12 38 32.13 1 8 13.2	19.34		-.86	1.436	C IV 1549 C III 1909		2058 2058		2058Bmag, 2058ubv
1236+263 O		12 36 1.9 26 18 54	12 38 30.35 26 2 25.4	20.4			2.20	H I 1216		1387 1387		
1236-009 C	QNY4:30	12 36 3.1 -0 56 23	12 38 37.07 -1 12 51.8	20.11		-1.07	1.073	C III 1909		2058 2058		2058Bmag, 2058ubv
1236+180 O		12 36 5.28 18 2 12.2	12 38 35.55 17 45 43.6	18.7			0.517			2183 2183		2183B(J)mag
1236+001 C	QNY2:32	12 36 6.8 0 10 32.4	12 38 40.56 -0 5 56.3	19.95		-.58	1.610	C IV 1549 C III 1909		1878 1878 2058		1878Bmag
1236+000 C	QNY2:29	12 36 10.7 0 4 47.2	12 38 44.48 -0 11 41.5	19.28		-.82	0.870	Mg II 2798		1878 1878 2058		1878Bmag
1236-008 C	QNY4:42	12 36 14.4 -0 50 32	12 38 48.35 -1 7 0.6	21.01		-.72	0.713	Mg II 2798		2058 2058		2058Bmag, 2058ubv
1236+011 C	QNY3:09	12 36 17.7 1 10 58	12 38 51.27 0 54 29.4	21.25		-.20	0.190			2058 2058		2058Bmag, 2058ubv, 2058neml
1236+011 C	QNY3:06	12 36 21.8 1 9 9	12 38 55.37 0 52 40.5	20.89		-.29	0.277			2058 2058		2058Bmag, 2058ubv, 2058neml
1236+157 O		12 36 22.05 15 43 27.6	12 38 52.77 15 26 59.1	17.8			0.315			1765 1765		1765Jmag
1236-007 C	QNY4:45	12 36 22.2 -0 47 4	12 38 56.14 -1 3 32.5	20.36		-.87	0.208			2058 2058		2058Bmag, 2058ubv
1236-007 C	QNY4:41	12 36 22.2 -0 43 2	12 38 56.13 -0 59 30.5	18.74		-.96	1.843	C IV 1549 C III 1909		2058 2058 LBQS 2183		2058Bmag, 2058ubv

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
1236+131 O		12 36 25.14 13 8 11.0	12 38 56.38 12 51 42.6	18.0				1.300						1765	1765			1765Jmag
1236+011 C	QNY3:08	12 36 27.0 1 8 6	12 39 0.58 0 51 37.5	19.30		-.77	1.590	C IV 1549 C III 1909						2058	2058			2058Bmag, 2058ubv
1236+010 C	QNY3:13	12 36 27.7 1 2 10	12 39 1.30 0 45 41.5	21.19		-.10	0.336							2058	2058			2058Bmag, 2058ubv, 2058neml
1236-008 C	QNY4:33	12 36 28.7 -0 53 8	12 39 2.66 -1 9 36.4	21.02		-.21	0.727	Mg II 2798						2058	2058			2058Bmag, 2058ubv
1236-011 C	QNY5:45	12 36 30.9 -1 11 47	12 39 4.92 -1 28 15.4	20.64		-.98	1.275	C III 1909						2058	2058			2058Bmag, 2058ubv
1236+004 C	QNY2:26	12 36 31.6 0 26 37.2	12 39 5.31 0 10 8.8	21.19		-1.09	(0.526)	Mg II 2798						1878	1878			1878Bmag
1236+010 C	QNY3:04	12 36 36.4 1 5 57	12 39 9.98 0 49 28.7	20.95		-.22	1.257	C III 1909						2058	2058			2058Bmag, 2058ubv
1236+014 C		12 36 38.03 1 28 40.9	12 39 11.54 1 12 12.6	17.82		-1.60	1.261	C IV 1549 C III 1909						1203	1203 2183			1203ubv
1236+090 O		12 36 43.93 9 3 6.0	12 39 15.97 8 46 37.8	17.6				0.500						1765	1765			1765Jmag
1236+110 O		12 36 50.75 11 3 27.8	12 39 22.38 10 46 59.7	17.7				1.300						1765	1765			1765Jmag
1236+077 R	PKS	12 36 52.31 7 46 45.3	12 39 24.59 7 30 17.2	20.1				(0.400) Mg II 2798 O III 5007 H I 6563						010	1861		1861	
1236-021 O		12 36 53.81 -2 7 3.8	12 39 28.01 -2 23 32.0	18.2				2.245						2183	2183			2183B(J)mag
1236-003 C	QNY4:53	12 36 58.9 -0 22 10	12 39 32.77 -0 38 38.1	19.13		-.63	2.181+	C III 1909						2058	2058			2058Bmag, 2058ubv, 2058BAL
1237+119 O		12 37 6.24 11 57 10.6	12 39 37.68 11 40 42.7	18.2				0.885						1765	1765			1765Jmag
1237+084 O		12 37 7.14 8 24 32.6	12 39 39.29 8 8 4.7	18.6				0.414						1765	1765			1765Jmag
1237-101 R X	ON 162 PKS	12 37 7.25 -10 7 0.4	12 39 43.03 -10 23 28.4	17.22*	-.03	-.75	(0.753)	Mg II 2798						057	009	756 1340 875 2056 1068 1902		1201pol, 1320rpol,912x, 079fc,1485ubv, 1526vlbi, 1810pos 1902avg ph mag
1237+146 O		12 37 9.24 14 36 52.1	12 39 40.13 14 20 24.2	18.6				1.841						1765	1765			1765Jmag
1237-004 C	QNY4:50	12 37 11.1 -0 26 30	12 39 44.98 -0 42 57.9	19.57		-.91	1.281	C III 1909						2058	2058			2058Bmag, 2058ubv
1237+022 O		12 37 17.30 2 16 50.2	12 39 50.65 2 0 22.4	18.5				0.336						2183	2183			2183B(J)mag
1237-010 C	QNY5:26	12 37 17.6 -1 0 43	12 39 51.59 -1 17 10.9	20.83		-.73	0.418	Mg II 2798						2058	2058			2058Bmag, 2058ubv
1237-004 C	QNY4:52	12 37 19.1 -0 24 44	12 39 52.98 -0 41 11.8	21.16		.07	2.714	H I 1216						2058	2058			2058Bmag, 2058ubv
1237+178 O		12 37 19.15 17 52 55.1	12 39 49.34 17 36 27.3	17.9				0.912						1765	1765			1765Jmag
1237-012 C	QNY5:03	12 37 21.8 -1 16 40	12 39 55.84 -1 33 7.8	20.34		-.77	0.247							2058	2058			2058Bmag, 2058ubv, 2058neml
1237-011 C	QNY5:27	12 37 23.8 -1 9 11	12 39 57.82 -1 25 38.8	20.73		-1.42	2.080	H I 1216 C IV 1549						2058	2058			2058Bmag, 2058ubv

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1237-008	QNY4:15	12 37 23.9	12 39 57.86	19.12		-1.22	1.060	C III 1909		2058 2058					2058Bmag, 2058ubv
C		-0 49 18	-1 5 45.8												
1237+085		12 37 24.45	12 39 56.55	18.2			1.070			1765 1765					1765Jmag 1765Fe em
O		8 34 28.7	8 18 1.0												
1237+107		12 37 24.83	12 39 56.50	18.1			1.040			1765 1765					1765Jmag 1765Fe em
O		10 42 53.0	10 26 25.3												
1237-009	QNY4:18	12 37 25.9	12 39 59.87	18.73		-1.01	0.823	Mg II 2798 Ne V 2974 O III 3133		1203 1203 2058 2058					1203ubv
C		-0 54 17.8	-1 10 45.6												
1237-004	QNY4:64	12 37 29.2	12 40 3.07	21.24		-.42	1.213	C III 1909		2058 2058					2058Bmag, 2058ubv
C		-0 24 27	-0 40 54.7												
1237+152		12 37 32.96	12 40 3.69	18.4			2.039			1765 1765					1765Jmag
O		15 15 35.2	14 59 7.6												
1237+011	UM 510	12 37 37.23	12 40 10.80	18.35		-1.03	1.808	Si IV 1397 C IV 1549 C III 1909		1203 1203 2183					1203ubv
C		1 7 55.7	0 51 28.1												
1237+151		12 37 39.08	12 40 9.82	18.6			2.066			1765 1765					1765Jmag
O		15 8 10.6	14 51 43.1												
1237+110		12 37 39.21	12 40 10.81	18.5			0.882			1765 1765					1765Jmag
O		11 0 39.2	10 44 11.7												
1237+134		12 37 42.11	12 40 13.21	17.8			1.730			1765 1765					1765Jmag
O		13 25 55.7	13 9 28.2												
1237+156		12 37 44.86	12 40 15.50	18.7			1.146			1765 1765					1765Jmag
O		15 36 21.6	15 19 54.2												
1237+151		12 37 48.05	12 40 18.79	18.4			1.648			1765 1765					1765Jmag
O		15 6 56.0	14 50 28.6												
1237+098		12 37 49.37	12 40 21.20	17.9			0.720			1765 1765					1765Jmag
O		9 50 13.0	9 33 45.6												
1237+122		12 37 49.66	12 40 21.00	18.4			2.314			1765 1765					1765Jmag
O		12 12 7.6	11 55 40.2												
1237-013	QNY5:36	12 37 50.7	12 40 24.77	20.12		-.66	2.085	H I 1216 C IV 1549		2058 2058					2058Bmag, 2058ubv
C		-1 22 57	-1 39 24.5												
1237-013	QNY5:39	12 37 57.7	12 40 31.77	21.03		-1.17	1.488	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
C		-1 21 47	-1 38 14.4												
1237+020		12 37 58.45	12 40 31.83	17.5			0.665			2183 2183					2183B(J)mag
O		2 4 42.2	1 48 14.9												
1238+101		12 38 3.75	12 40 35.51	18.0			1.040			1765 1765					1765Jmag
O		10 6 7.7	9 49 40.5												
1238+089		12 38 7.36	12 40 39.35	18.6			1.090			1765 1765					1765Jmag
O		8 59 16.7	8 42 49.5												
1238+140		12 38 11.38	12 40 42.32	18.4			0.641			2183 2183					2183B(J)mag
O		14 1 41.3	13 45 14.2												
1238+142		12 38 16.20	12 40 47.09	18.7			1.727			1765 1765					1875Jmag
O		14 12 18.0	13 55 50.9												
1238+006	UM 511	12 38 34.80	12 41 8.46	18.41		-1.11	1.362			922 1203 2183					1203ubv
O		0 39 22.7	0 22 55.8												
1238+102		12 38 37.09	12 41 8.80	18.1			1.170			1765 1765					1765Jmag
O		10 13 57.4	9 57 30.6												
1238-000	F861:177	12 38 40.8	12 41 14.61	21.45	1.05	-1.20	1.601	C IV 1549 C III 1909		2214 2214					
C		-0 5 44	-0 22 10.8												
1238-001	F861:171	12 38 53.0	12 41 26.83	20.31	.72	-.98	2.067	H I 1216 C IV 1549		2214 2214					
C		-0 10 47	-0 27 13.7												
1239-004	F861:165	12 39 0.3	12 41 34.19	19.23	.58	-1.33	1.299	C III 1909		2214 2214					
C		-0 26 30	-0 42 56.6												

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1239-000	F861:163	12 39 3.6	12 41 37.41	19.33	.52	-.89	1.576		C IV 1549		2214	2214					
C		-0 4 5	-0 20 31.5						C III 1909								
1239+099		12 39 4.17	12 41 35.92	18.4			2.020+				1765	1765					1765Jmag, 1765BAL?
O		9 55 57.0	9 39 30.5														
1239-003	F861:156	12 39 11.9	12 41 45.77	20.11	.36	-.99	1.506		C IV 1549		2214	2214					
C		-0 22 28	-0 38 54.4						C III 1909								
1239-025		12 39 22.99	12 41 57.30	17.7			1.234				2183	2183					2183B(J)mag
O		-2 31 6.6	-2 47 32.9														
1239-004	F861:134	12 39 27.8	12 42 1.68	21.51	.65	-1.59	1.120		C III 1909		2214	2214					
C		-0 25 49	-0 42 15.2														
1239+004		12 39 28.96	12 42 2.66	17.5			1.214				2183	2183					2183B(J)mag
O		0 28 54.1	0 12 27.9														
1239+145		12 39 35.38	12 42 6.09	17.9			1.929				1765	1765					1765Jmag
O		14 35 48.2	14 19 22.1														
1239+113		12 39 39.81	12 42 11.23	18.0			1.490				1765	1765					1765Jmag
O		11 18 51.9	11 2 25.9														
1239+028		12 39 46.92	12 42 20.13	18.5			2.216				2183	2183					2183B(J)mag
O		2 49 22.5	2 32 56.5														
1239-003	F861:117	12 39 47.9	12 42 21.77	21.46	.47	-1.02	(1.610)		C IV 1549		2214	2214					
C		-0 22 36	-0 39 2.0														
1240+179		12 40 7.40	12 42 37.32	17.6			0.458				1765	1765					1765Jmag
O		17 54 44.1	17 38 18.5														
1240+027		12 40 11.40	12 42 44.61	18.1			0.934				2183	2183					2183B(J)mag
O		2 46 19.1	2 29 53.5														
1240+024		12 40 13.90	12 42 47.19	17.9			0.790				2183	2183					2183B(J)mag
O		2 24 42.1	2 8 16.5														
1240-003	F861:93	12 40 17.0	12 42 50.87	21.50	.48	-1.10	(1.309)		C III 1909		2214	2214					
C		-0 20 16	-0 36 41.6														
1240-002	F861:89	12 40 21.1	12 42 54.96	21.72	.93	-1.28	1.413		C IV 1549		2214	2214					
C		-0 17 34	-0 33 59.5						C III 1909								
1240+152		12 40 22.84	12 42 53.34	18.3			2.280+				1765	1765			1765		1765Jmag
O		15 16 18.0	14 59 52.6														
1240-002	F861:87	12 40 23.6	12 42 57.45	21.99	.39	-.58	2.475				2214	2214					
C		-0 13 52	-0 30 17.5														
1240-000	F861:85	12 40 25.3	12 42 59.11	21.67	.37	-.33	(2.874)		H I 1216		2214	2214					
C		-0 3 18	-0 19 43.5														
1240+381	B2	12 40 27.0	12 42 51.34	19			1.316		C IV 1549		1443		1521				1526vlbi
R S4		38 7 26	37 51 0.7						C III 1909 Mg II 2798								
1240-294	PKS	12 40 30.05	12 43 10.70	17.69	.15	-.78	1.135		C III 1909		188	410		011			761,1304sp, 1485ubv, 1526vlbi, 1898pos
R		-29 26 57.7	-29 43 23.2						Mg II 2798 Ar IV 2854 Ar IV 2869			419		2056			
1240+158		12 40 30.51	12 43 0.87	18.8			0.573+				2183	2183			2183		2183B(J)mag
O		15 51 36.8	15 35 11.5														
1240+161		12 40 33.35	12 43 3.65	18.8			2.365+				2183	2183					2183B(J)mag, 2183BAL
O		16 7 13.6	15 50 48.3														
1240-001	F861:76	12 40 35.2	12 43 9.02	21.23	.79	-1.08	2.068		H I 1216		2214	2214					
C		-0 7 38	-0 24 3.3						C IV 1549								
1240-003	F861:74	12 40 36.9	12 43 10.77	19.55	.39	-.81	2.039		C IV 1549		2214	2214					
C		-0 20 15	-0 36 40.3														
1240-003	F861:73	12 40 42.3	12 43 16.17	20.97	.96	-.84	1.379		C III 1909		2214	2214					
C		-0 21 45	-0 38 10.2														

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)			DEC (2000)									ID	Z	VAR	R	
1240+150 O		12 40 42.40 15 4 38.2	12 43 12.92 14 48 13.0	18.0							1.852			1765	1765			1765Jmag
1240-000 C	F861:70	12 40 49.5 -0 2 19	12 43 23.31 -0 18 44.2	21.75	.56	-.97	(1.508)	C IV 1549 C III 1909						2214	2214			
1240-000 C	F861:66	12 40 56.6 -0 4 18	12 43 30.41 -0 20 43.1	18.78	.49	-.67	0.791	C III 1909 Mg II 2798						2214	2214			
1240+177 O		12 40 56.64 17 46 0.9	12 43 26.52 17 29 35.9	18.0							0.549			2183	2183			2183B(J)mag
1241+095 O		12 41 10.08 9 33 31.3	12 43 41.81 9 17 6.5	17.4							0.19			2183	2183			2183B(J)mag
1241+124 O		12 41 12.03 12 28 23.8	12 43 43.11 12 11 59.0	17.8							0.320			1765	1765			1765Jmag
1241+154 O		12 41 14.41 15 24 46.2	12 43 44.81 15 8 21.4	18.3							1.392			1765	1765			1765Jmag
1241+087 O		12 41 20.47 8 44 47.0	12 43 52.37 8 28 22.3	18.3							0.380			1765	1765			1765Jmag
1241+166 R	3CR 275.1 4C 16.34 PKS ON 169 NRAO 406 DA 330	12 41 27.58 16 39 18	12 43 57.68 16 22 53.4	19	*	.23	-.43	0.557	Mg II 2798 O II 3727					008 1765	102 1765	506	128 462 775 787 789 916 1531 1545 1804 1891 2013	008ubv, 1526vlbi,050, 306fc,1922sp, 2180spext 1795,1796,2091 rpol jet; 1675imag/ext; 3.5arcmin from NGC 4651,2118
1241+139 O		12 41 29.06 13 56 1.2	12 43 59.79 13 39 36.6	18.5							1.768			1765	1765			1765Jmag
1241+011 O		12 41 37.99 1 7 1.9	12 44 11.55 0 50 37.4	18.4							0.786			2183	2183			2183B(J)mag
1241+176 C X R	PG	12 41 41.0 17 37 29	12 44 10.85 17 21 4.6	15.38							1.273	C IV 1549 C III 1909		1117	1117		2011	1487,1980, 2112x,1598, 2251sp, 1352spvar, 1729,2005ir, 2061uv faint gals near,2118
1241-008 O		12 41 41.85 -0 48 5.9	12 44 15.82 -1 4 30.4	18.2							1.314			2183	2183			2183B(J)mag
1242+175 O		12 42 5.87 17 35 57.7	12 44 35.69 17 19 33.7	18.8							1.592			2183	2183			2183B(J)mag
1242-013 O		12 42 22.12 -1 23 10.6	12 44 56.22 -1 39 34.5	17.3							0.491			2183	2183			2183B(J)mag
1242+178 O		12 42 29.12 17 49 21.8	12 44 58.85 17 32 58.1	17.9							0.265			1765	1765			1765Jmag
1242+170 O		12 42 37.51 17 1 11.2	12 45 7.42 16 44 47.6	18.5							1.477			1765	1765			1765Jmag
1242+110 O		12 42 37.79 11 0 6.2	12 45 9.12 10 43 42.6	18.24							0.170			1765	1765			1765Jmag
1242+022 O		12 42 43.17 2 13 3.5	12 45 16.48 1 56 39.9	18.3							1.988			2183	2183			2183B(J)mag
1242+001 O	UM 516	12 42 50.82 0 6 44.5	12 45 24.59 -0 9 39.0	17.7							2.076	H I 1216 C IV 1549		922	2183 922			
1242+173 O		12 42 51.97 17 19 32.5	12 45 21.79 17 3 9.1	18.6							0.540			2183	2183			2183B(J)mag, 2183neml

TABLE 1—Continued

	OTHER NAMES	RA (1950)	RA (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R	
1242+175 O		12 42 53.91 17 32 38.1	12 45 23.67 17 16 14.7	18.7			1.833			1765	1765			1765Jmag
1242+135 O		12 42 55.08 13 30 9.6	12 45 25.81 13 13 46.2	18.5			0.931			2183	2183			2183B(J)mag
1242+176 O		12 42 57.08 17 37 15.1	12 45 26.82 17 20 51.8	18.0			1.857			1765	1765			1765Jmag
1243+025 O		12 43 0.70 2 34 29.0	12 45 33.92 2 18 5.7	18.0			0.718			2183	2183			2183B(J)mag
1243+149 O		12 43 5.20 14 56 37.0	12 45 35.57 14 40 13.8	17.7			(0.580)	Mg II 2798		1765	1765			1765Jmag
1243-001 O		12 43 7.13 -0 11 22.5	12 45 40.97 -0 27 45.8	18.2			1.682			2183	2183			2183B(J)mag
1243+013 O		12 43 17.95 1 21 27.2	12 45 51.44 1 5 4.1	18.5			2.798+			2183	2183			2183B(J)mag, 2183BAL
1243-072 R	PKS ON 073	12 43 28.81 -7 14 23.0	12 46 4.26 -7 30 46.0	18			1.286*	C IV 1549 C III 1909 Mg II 2798 Ne V 3426 O II 3727	0.436	011	761		1171 501 2228 2263	1125ir,1304sp, 1526vlbi, 1789mm, 1810pos
1243+346 O	KP 22	12 43 45.3 34 37 25	12 46 10.12 34 21 2.4	20.0			2.29	O VI 1034 H I 1216 C IV 1549		457	867			912xnd,853rnd
1243+170 O		12 43 58.28 17 1 44.7	12 46 28.07 16 45 22.2	17.9			0.457			1765	1765			1765Jmag
1244+139 O		12 44 4.58 13 58 58.4	12 46 35.11 13 42 36.0	18.8			0.601			2183	2183			2183B(J)mag
1244+345 O	KP 23	12 44 5.3 34 33 5	12 46 30.08 34 16 42.7	20.0			1.96	H I 1216 C IV 1549		457	867			912xnd,853rnd
1244+009 O		12 44 5.73 0 59 53.9	12 46 39.30 0 43 31.5	17.4			0.13			2183	2183			2183B(J)mag
1244+170 O		12 44 6.08 17 3 18.0	12 46 35.85 16 46 55.6	17.7			1.582			1765	1765			1765Jmag
1244-255 R	PKS	12 44 6.66 -25 31 25.5	12 46 46.75 -25 47 48.0	17.41*	.41	-.53	0.638	Mg II 2798 O II 3727 H I 4102 H I 4340 O III 4363		188	418	561 011 745 1399 2054 2056		761,1304sp, 1125,1399ir, 1526vlbi, 1485ubv, 1789mm,1800, 2103pol
1244+026 O		12 44 8.53 2 40 32.9	12 46 41.72 2 24 10.5	17.9			0.934			2183	2183			2183B(J)mag
1244+346 O	KP 24	12 44 8.8 34 41 4	12 46 33.53 34 24 41.7	20.0			(1.9)			457	853			853rnd,912xnd
1244+114 O		12 44 9.27 11 29 25.0	12 46 40.40 11 13 2.7	18.4			3.160*			1765	1765		1765	1765Jmag Ly limit abs 2247
1244+346 O	KP 25	12 44 14.5 34 40 55	12 46 39.21 34 24 32.8	19.5			2.30	H I 1216 C IV 1549		457	867 457			853rnd,912xnd
1244+167 O		12 44 17.33 16 42 36.1	12 46 47.17 16 26 13.9	18.7			2.865			1765	1765			1765Jmag
1244+134 O		12 44 23.38 13 29 32.7	12 46 54.01 13 13 10.6	17.0			0.510			1765	1765			1765Jmag
1244+097 O		12 44 26.77 9 47 7.2	12 46 58.29 9 30 45.1	18.3			2.340			1765	1765			1765Jmag
1244+381 C	AB 4	12 44 28.99 38 6 36.4	12 46 52.43 37 50 14.4	18.14	.03	-.39	1.27			1115				178ubv



TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
									ID	Z	VAR	R	ABS
1244+154 O	12 44 36.42 15 29 2.7	12 47 6.54 15 12 40.8	18.7			0.782			1765	1765			1765Jmag
1244+168 O	12 44 45.89 16 48 34.2	12 47 15.67 16 32 12.4	18.7			1.437			1765	1765			1765Jmag
1244+324 R B2 ON 374	12 44 55.38 32 25 22.8	12 47 20.71 32 9 1.2	17.2 *			0.949	C III 1909 Mg II 2798		033	032	1201	462 774 790 1476 1790	1201pol, 1320rpol, 831sp,113, 1478fc
1244-014 O	12 44 56.81 -1 26 6.6	12 47 30.95 -1 42 28.3	17.6			0.347			2183	2183			2183B(J)mag
1244+347 O	12 44 57.3 34 43 54	12 47 21.85 34 27 32.4	18			2.48 *	O VI 1034 H I 1216	1.857	457	867 457			1550 853rnd,912xnd 1551 prob damped 2263 Ly alpha,1551
1245-035	12 45 0.4 -3 33 47	12 47 35.04 -3 50 8.7	16.07			0.379			2280	2280			
1245+345 B 19 C AB 7	12 45 3.2 34 31 31.5	12 47 27.80 34 15 10.0	17.94*	.29	-1.19	2.068*	Si IV 1397 O IV 1402 C IV 1549	1.6778 1.6106		346 178 490 1872	490 1872		1872 178ubv,2251sp, 2228 853rnd,912xnd 2263
1245+106 O	12 45 16.12 10 38 52.2	12 47 47.39 10 22 30.8	17.7			1.370+			1765	1765			1765 Jmag
1245+343 O	12 45 20.4 34 18 27	12 47 45.02 34 2 5.8	20.0			1.82			457	853			912xnd,853rnd
1245+173 O	12 45 27.61 17 19 49.1	12 47 57.19 17 3 27.9	17.9			0.751			1765	1765			1765Jmag
1245-004 O	12 45 34.5 -0 27 2	12 48 8.41 -0 43 23.1	18			2.09	C IV 1549 C III 1909		922	2130			
1245+189 ON 176 R	12 45 37.81 18 54 32.9	12 48 6.97 18 38 11.9	18			(0.723)	Mg II 2798		009	009			
1245+342 O	12 45 39.3 34 16 34	12 48 3.87 34 0 13.0	20.5			2.07			457	853			912xnd,853rnd
1246+344 O	12 46 5.6 34 29 0	12 48 30.01 34 12 39.4	19			2.23	H I 1216 C IV 1549		457	457 867			853rnd,912xnd
1246-009 O	12 46 6.02 -0 59 15.7	12 48 40.06 -1 15 36.4	17.9			2.450			2183	2183			2183B(J)mag
1246-292 O	12 46 12.70 -29 16 40.9	12 48 54.23 -29 33 1.6	17.5			0.147			2193	2194			
1246+005 O	12 46 25.48 0 32 5.1	12 48 59.15 0 15 44.7	18.1			2.306	H I 1216 O IV 1402		922	2183 922			
1246+377 C AB 9 R	12 46 28.74 37 46 49.7	12 48 51.87 37 30 29.5	18.25*	.31	-.78	1.260*	C IV 1549 C III 1909	1.243	179	063 179 1901	490 875 1068 1902	1699 063 2263	063,178,179, 180ubv,704, 1202pol,850, 853rnd,992ir, 2251sp 1902avg Bmag
1246+346 B 46 C AB 11 X KP 30 R	12 46 29.64 34 40 49.3	12 48 53.91 34 24 29.1	18.14*	.36	-.87	0.271	Mg II 2798 Mg V 2931 O II 3727 O III 5007		179 435	179 867	490 875 1068 1902	1699	178,179ubv, 853rnd,912, 1488x,457fc 1902avg Bmag

TABLE 1—Continued

OTHER NAMES	RA (1950)	RA (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
	DEC (1950)	DEC (2000)							ID	Z	VAR	R	
1246-057 O	12 46 38.8 -5 42 58.3	12 49 13.99 -5 59 18.5	16.73	.36	-.30	2.236*	H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909 Mg II 2798 0.6399	2.2123 1.6721 1.6478 1.6454 1.2105 1.2015	409 1479 409 470 1711	1479 409 470 1711	1213 470 954 1110 1512 1711 2228 2263	704,1202pol, 780,1983ir, 873,912xnd, 1013varnd, 1586rnd, 1485ubv,1208, 1514BAL,954, 2251sp,1941uv, 1924BALvar z(abs) 2.095- 1.999,1512; 13 arcmin from NGC 4697,38 arcmin from NGC 4731, 1650,2118	
1246-022 O	12 46 50.47 -2 17 20.2	12 49 24.83 -2 33 40.2	18.1			2.106			2183 2183			2183B(J)mag damped Ly alpha candi- date,2183	
1246+270 O	12 46 54.5 27 1 6	12 49 21.21 26 44 46.2	19.6			0.299	Mg II 2798 O II 3727 O III 5007		1438 1692				
1246+269 O	12 46 59.4 26 57 22	12 49 26.12 26 41 2.2	18.2			0.664	Mg II 2798		1438 1692				
1247+450 R	4C 45.26 12 47 45 1 5.8	12 49 23.00 44 44 46.1	17.8			0.799	C III 1909 Mg II 2798		507 1288		534 1166		
1247-022 O	12 47 13.19 -2 13 9.2	12 49 47.54 -2 29 28.9	18.0			1.312			2183 2183			2183B(J)mag	
1247+341 O	PC 12 47 34 17.8 6 12	12 49 42.12 33 49 52.5				4.897+	H I 1216 N V 1240 O IV 1402 C IV 1549		2204 2204				
1247-279 O	K06.04 12 47 27 24.20 55 36.0	12 50 5.49 -28 11 55.6	17.5			0.184			2193 2194				
1247+268 O	12 47 25.0 26 50 36	12 49 51.69 26 34 16.6	20.0			0.978	C III 1909 Mg II 2798		1438 1692				
1247+267 C	PG LB 19 12 47 26 39.0 47 28	12 50 5.67 26 31 8.8	15.8			2.043*	LYB 1026 O VI 1034 H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 C IV 1549 C III 1909	1.9597 1.4063 1.218	772 772 1438 1872 2281		772 1000 1747 1872 2228 2263	772uv,1598sp, 1729,2005ir, 2112x 61.5 arcmin from NGC 4725, 1650; faint gals near,2118 Ly limit abs, z=1.218,722	
1247+272 O	12 47 39.8 27 15 59	12 50 6.32 26 59 39.8	19.8			0.968*	C III 1909 Mg II 2798		1438 1723 1692			1723BAL	
1247+270 O	12 47 46.5 27 0 25	12 50 13.09 26 44 5.9	19.6			1.507	C IV 1549 C III 1909		1438 1692				
1247+269 O	12 47 49.4 26 59 57	12 50 15.98 26 43 38.0	18.5			1.778	H I 1216 C IV 1549 C III 1909		1438 1692				
1247+271 O	12 47 57.1 27 9 47	12 50 23.61 26 53 28.1	19.8			1.491	C IV 1549 C III 1909 Mg II 2798		1438 1692				
1248+305 R	4C 30.25 B2 12 48 30 0.12 32 59.3	12 50 25.53 30 16 40.5	17.5			1.061	C IV 1549 C III 1909 Mg II 2798		033 032		462 774 790 800 1476 1790	1320rpol, 1201pol,831sp, 113,222, 1478fc	
1248+272 O	12 48 8.9 27 15 52	12 50 35.35 26 59 33.3	20.5			(1.9)	H I 1216 C IV 1549		1438 1438				

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
1248+350 R		12 48 35	9.51 0 15.2	12 50 34	33.33 43 56.5	20.0			0.972			1446	1447			
1248+337 C	BSO 2 B 87 AB 17	12 33	48 47	17.68 11.3	12 33	50 41.92 30 52.7	18.73*	.28	-.98	(0.186)	Ne V O II	3426 3727	179	179	1902	178,179, 180ubv,853rnd, 1207,1261imag 1902avg Bmag
1248+317 O	LB 11377 CSO 173	12 31	48 42	25.4 24	12 31	50 50.35 26 5.6	17			1.02	C III Mg II	1909 2798	1371	1369		
1248+401 C	PG	12 40	48 7	26.6 58	12 39	50 48.33 51 39.6	16.06			1.030	Mg II	2798	1117	1117	2011	1218uv,1598, 2251sp,1729, 2005ir,2112x 76.1 arcmin from NGC 4736, 1650; faint gals near,2118
1248+473 O	PC	12 47	48 19	38.7 15	12 47	50 56.93 2 56.8	18.62			1.000	Mg II	2798	1546	1546		
1249+265 O		12 26	49 30	0.1 5	12 26	51 26.67 13 47.1	20.0			1.426	C IV C III	1549 1909	1438	1692		
1249+003 O		12 0	49 18	6.60 28.4	12 0	51 40.33 2 10.5	18.1			0.878			2183	2183		2183B(J)mag
1249+270 O		12 27	49 5	13.3 1	12 26	51 39.65 48 43.3	21.0		(2.2)	H I C IV	1216 1549	1438	1438			
1249+272 O		12 27	49 12	24.0 55	12 26	51 50.29 56 37.5	20.0			2.127*	H I N V C IV	1216 1240 1549	1438	1723 1692		1723BAL
1249+269 O		12 26	49 55	24.6 11	12 26	51 50.98 38 53.5	17.9			1.898	H I C IV C III	1216 1549 1909	1438	1692		
1249+271 O		12 27	49 7	26.0 22	12 26	51 52.31 51 4.5	20.4			1.267	C IV C III Mg II	1549 1909 2798	1438	1692		
1249+271 O		12 27	49 10	32.8 13	12 26	51 59.08 53 55.6	20.3			1.863	H I C IV C III	1216 1549 1909	1438	1692		
1249+339 C	B 86 AB 29	12 33	49 54	40.64 46.5	12 33	52 4.57 38 29.3	17.58	.51	-.93	1.431				346 178		178ubv,853rnd
1249+011 O		12 1	49 8	40.81 15.5	12 0	52 14.32 51 58.2	18.2			0.13			2183	2183		2183B(J)mag
1250+568 R X	3CR 277.1 4C 56.20 NRAO 409 ON 584 DA 332	12 56	50 50	15.30 36.5	12 56	52 26.47 34 19.8	17.93	-.17	-.78	0.321	Mg II Ne V Ne V O II NeIII H I NeIII H I H I O III H I O III O III	2798 3345 3426 3727 3869 3889 3968 4102 4340 4363 4861 4959 5007	008	098 085	128 462 534 2000	008ubv,749pos, 873,1107, 1980x, 1259imag, 1320rpol, 245fc,324sp, 1201pol
1250+011 O		12 1	50 9	22.49 55.8	12 0	52 55.99 53 39.1	18.4			0.792			2183	2183		2183B(J)mag
1250+313 O	LB 11408 PB 3090 CSO 179	12 31	50 22	52.94 6.3	12 31	53 17.58 5 50.2	16.7			0.78	C III Mg II	1909 2798	1371	1369		1478fc
1251+398 R	B3	12 39	51 49	49.1 24	12 39	54 10.16 33 8.9	19.2			2.104	C IV He II C III	1549 1640 1909	1990	2270		

TABLE 1—Continued

	OTHER NAMES	RA (1950)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)									ID	Z	VAR	R	
1251+367 O		12 51 57.0 36 44 0	12 54 19.37 36 27 45.0	19.0				3.13	H I 1216		1387 1387				
1251+362 O		12 51 59.4 36 16 54	12 54 21.95 36 0 39.0	20.0				2.40	C IV 1549 C III 1909		1387 1387				
1252+119 R X	PKS ON 187 MC 2	12 52 7.72 11 57 21.1	12 54 38.26 11 41 6.2	16.17*	.35	-.75	0.871		C III 1909 Mg II 2798 Mg II 2804 Ar IV 2869 Mg V 2931 O III 3133		047	154 085 098	248 253 290	128 1152 1888	047ubv,156, 1202pol,912, 1980x,749pos, 910rvar,958sp, 753 756 875 1068
1252+012 O	UM 524	12 52 21.3 1 16 23	12 54 54.76 1 0 8.3	18				2.38	H I 1216 C IV 1549		922 922				
1252+362 O		12 52 23.7 36 16 48	12 54 46.17 36 0 33.4	20.5				2.77	H I 1216		1387 1387				
1252+369 O		12 52 24.4 36 59 0	12 54 46.57 36 42 45.5	19.5				1.94	C IV 1549 C III 1909		1387 1387				
1252+020		12 52 46.4 2 0 27	12 55 19.66 1 44 12.7	15.48				0.345			2280 2280				
1252+366 O		12 52 54.8 36 36 12	12 55 17.02 36 19 58.0	20.5				2.17	H I 1216 C IV 1549 C III 1909		1387 1387				
1252+359 C	B 114 AB 47	12 52 57.94 35 55 24.2	12 55 20.44 35 39 10.2	17.46*	.08	-.90	(0.221)		Mg II 2798 Ne V 3426 H I 4861		179 179	490 875 1068 1902			178,179ubv, 853rnd 1902avg Bmag
1253+370 O		12 53 0.0 37 1 24	12 55 22.03 36 45 10.1	20.0				2.42	C IV 1549 C III 1909		1387 1387				
1253+359 C	BF 8	12 53 32.1 35 56 42	12 55 54.47 35 40 28.6	19.60	.11	-.61	2.09				1301 1070				1301ubv
1253-055 R X	3C 279 4C 05.55 ON 089 NRAO 413 PKS MSH 12-020 CTA 56	12 53 35.89 -5 31 8.4	12 56 11.23 -5 47 21.9	16.84*	.26	-.56	0.538		Mg II 2798 Ar IV 2854 Ar IV 2869 Mg V 2931 Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 H I 3889		136 181 154	099 183 248 256 280 290 739 753 875 1068 1902 2163	128 794 796 801 837 898 934 993 1076 1128 1167 1212	008,1485ubv, 099,183,703, 900,1201,1541, 1730,1988, 2062,2103pol, 280,324,1188, 2229sp, 1018phot,1357, 1649,1971mf, 1027,1028, 1789mm,1195, 1753xvar,799, 1141,1144, 1399,1580, 1589ir,887, 1721rvar,696, 912,1781, 2038x,847, 865pos,1526, 1672vlbi,057, 182fc,1902, 2163OVV, 2145imag superluminal source,1827, 448,1845,1970; 1902avg ph mag	
1253+104 R	MC 2	12 53 36.78 10 25 7.2	12 56 7.68 10 8 53.8	18.2				0.824	C III 1909 Mg II 2798		020 044		1111 1888		343fc 1.5arcmin from anon gal,14.0 vgal,2118
1253-056 X	1E	12 53 38.2 -5 39 49.4	12 56 13.58 -5 56 2.8	19.97				0.420	O II 3727 O III 4363 H I 4861		1233 1233				1233x

TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1253+358 C	BF 12	12 53 38.6 35 48 43	12 56 1.00 35 32 29.7	19.03	.14	-.48	0.74	Mg II 2798		1115					1301ubv
1253+290 C	US 19	12 53 40.8 29 5 57	12 56 5.80 28 49 43.7	19.2 *	-.20	-.40	1.331	He II 1640 N III 1750 C III 1909 Mg II 2798		1283 1116 1283					1283ubv
1253+361 C	BF 16	12 53 49.4 36 7 14	12 56 11.64 35 51 0.9	19.57	.21	-.65	(0.69)			1230					1301ubv
1253+360 C	BF 17	12 53 49.8 36 5 45	12 56 12.05 35 49 31.9	19.53	.16	-.81	1.37			1230					1301ubv
1254+278 O		12 54 11.8 27 48 26	12 56 37.18 27 32 13.3	21.0			(2.05)			1029 1029					1.32 arcmin from NGC 4824, 2118
1254+047 C PB 4381 R	PG	12 54 27.6 4 43 47	12 57 0.08 4 27 34.5	15.84			1.024+	C III 1909 Mg II 2798	0.5194	1117 1117		2011 2263			1598,2251sp, 1646uv,1729, 2005ir,2112x, 1646BAL 20.2 arcmin from NGC 4765, 1650; faint gals near,2118
1254+359 C X	BF 30	12 54 29.2 35 55 22	12 56 51.39 35 39 9.6	19.20	.16	-.43	0.65	Mg II 2798		1115					1115x,1301ubv
1254+304 C	US 39	12 54 29.3 30 29 31	12 56 53.66 30 13 18.6	19.5 *	.30	-.20	(0.515)	Mg II 2798		1283 1116 1283					1283ubv FeII multi- plots 62 and 63, 1116
1254+006 R	PKS 4C 00.45	12 54 29.56 0 40 48.6	12 57 3.18 0 24 36.1	19.1			1.257	C III 1909 Mg II 2798 Ne V 3426		1877 1861		1861 1877			
1254-333 R	PKS	12 54 36 -33 18 30	12 57 20.44 -33 34 42.5	18.6			0.19	H I 4102 H I 4340 He II 4686 O III 4959 O III 5007 H I 6563		494 493		1171 2056			761,1304sp, 1207,1261imag, 1526vlbi
1254+356 C	BF 36	12 54 47.4 35 36 35	12 57 9.66 35 20 22.9	18.60	.32	-.89	1.35	C III 1909 C II 2326 Mg II 2798		1115					1301ubv
1254+362 C	BF 38	12 54 48.5 36 16 9	12 57 10.47 35 59 56.9	19.60	.55	-.55	0.325			1230					1301ubv
1254+279 O		12 54 50.4 27 54 11	12 57 15.65 27 37 59.0	20.4			2.65 +	H I 1216 Si IV 1397		1029 1029			1029		8.32 arcmin from NGC 4839, 3.48 arcmin from NGC 4840, 5.45 arcmin from NGC 4842, 2118
1254+356 C	BF 41	12 54 51.6 35 37 47	12 57 13.84 35 21 35.0	19.62	.62	-.75	(1.03)			1230					1301ubv
1254+282 O		12 54 53.2 28 14 55	12 57 18.32 27 58 43.0	20.8			1.88	H I 1216 C IV 1549		1029 1029					8.18 arcmin from NGC 4828, 9.35 arcmin from NGC 4850, 2118
1254+370 C AB 62 R	B 142	12 54 54.99 37 3 27.4	12 57 16.60 36 47 15.5	17.84*	.50	-.80	(0.28)			178 490 1699					178ubv,1384ir
1254+360 C	BF 46	12 54 56.2 36 5 37	12 57 18.22 35 49 25.1	19.65	.33	-.83	1.50			1230					1301ubv

TABLE 1—Continued

OTHER NAMES		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
1255+370	B2 R 4C 36.22	12 55 37	1.89 0 40.7	12 57 36	23.49 44 28.9	17.8			0.284	O II 3727 O III 4363 H I 4861		1270 1047			1270 2060	1047FeIIem
1255+353	B 154 C AB 64	12 55 35	2.14 21 20.6	12 57 35	24.46 5 8.8	18.83*	.32	-.70	(0.183)	O II 3727 O III 5007		179 179	875 1068 1902			178,179ubv, 853rnd 1902avg Bmag
1255+359	BF 51 C X	12 55 35	8.3 59 32	12 57 35	30.32 43 20.3	18.56	.05	-.67	0.53	Mg II 2798 Ne V 3426 NeIII 3869 H I 4340 H I 4861		1115				1115x,1301ubv
1255-316	PKS R ON 392	12 55 -31	15.19 39 4.4	12 57 -31	59.08 55 16.2	18.7			1.924	H I 1216 N V 1240 C IV 1549 He II 1640 C III 1909		188 1251			1251 2056	1526vlbi, 1810pos, 2103pol
1255+278	O	12 55 27	20.0 48 20	12 57 27	45.21 32 8.5	19.4			1.52	C IV 1549		1029 1029				5.08 arcmin from NGC 4839, 5.77 arcmin from NGC 4840, 4.63 arcmin from NGC 4842, 2118
1255+282	O	12 55 28	24.4 15 57	12 57 27	49.44 59 45.6	20.8			2.11	H I 1216		1029 1029				3.07 arcmin from NGC 4850, 2118
1255+278	O	12 55 27	25.9 48 41	12 57 27	51.10 32 29.6	20.1			1.98			1029 1029				6.42 arcmin from NGC 4839, 6.33 arcmin from NGC 4840, 5.88 arcmin from NGC 4842, 2118
1255+372	B 185 C AB 67	12 55 37	40.26 15 17.4	12 58 36	1.62 59 6.3	18.12	.30	-.76	1.53				346 178 490			178ubv,853rnd
1255+003	UM 531 O	12 55 0	44.2 23 24	12 58 0	17.90 7 12.8	18			2.08	H I 1216 O IV 1402 C IV 1549		922 922				
1255+356	O	12 55 35	46.8 36 0	12 58 35	8.86 19 49.0	20.6			2.04	H I 1216		1387 1387				
1256+287	O	12 56 28	4.1 43 27	12 58 28	28.87 27 16.3	20.4			2.25	H I 1216 C IV 1549		1029 1029				
1256+294	US 72 C PB 3169	12 56 29	4.8 28 31	12 58 29	29.28 12 20.3	19.6 *	.20	-.40	1.252	C III 1909 Mg II 2798		1283 1116 1116				1283ubv
1256+357	B 194 C AB 69 X BF 71 R 5C12.89.4	12 56 35	7.84 44 53.7	12 58 35	29.77 28 43.0	18.24*	.40	-.76	1.894*	H I 1216 N V 1240 C IV 1549 1.8036 1.5876 1.281	1.8990 179 571 490 1.8965 1387 179 1586 560 1.8336 184 1846 571 1.8036 1387 1635 1.5876 1901 2228 1.281 2263					178,179ubv, 1115x,515fc 1902avg Bmag
1256+355	BF 72 C	12 56 35	10.9 32 18	12 58 35	32.91 16 7.4	19.62	-.07	-.40	1.75			1230				1301ubv
1256+357	O	12 56 35	11.8 47 0	12 58 35	33.70 30 49.4	21.2			1.97	H I 1216		1387 1387				
1256-220	PKS R	12 56 -22	13.97 3 22.0	12 58 -22	54.51 19 32.7	20.0			1.306	C III 1909 Mg II 2798		412 1468			011 412 2056	1526vlbi
1256-175	PKS R MC	12 56 -17	16.97 34 26.0	12 58 -17	56.05 50 36.6	18.4			2.059	H I 1216 C IV 1549 C III 1909		086 1445 1445			2056	

TABLE 1—Continued

OTHER NAMES		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES		Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)						ID	Z		VAR	R	ABS		
1256+278 O		12 56 24.2 27 49 7	12 58 49.25 27 32 56.6	20.6					1.62	C IV 1549		1029 1029					7.98 arcmin from NGC 4854, 4.1arcmin from NGC 4853,2118
1256+280 O		12 56 44.7 28 3 37	12 59 9.61 27 47 27.0	21.0					2.66	H I 1216 C IV 1549		1029 1029					8.03 arcmin from NGC 4854, 8.17 arcmin from NGC 4869, 9.53 arcmin from NGC 4875 and NGC 4876, 2118
1256+368 C	B 189 AB 75	12 56 51.11 36 48 7.6	12 59 12.42 36 31 57.7	19.22	-.03	-.83	2.075			H I 1216 C IV 1549		179 179					178,179ubv, 853rnd
1256+281 X		12 56 53.2 28 9 54	12 59 18.05 27 53 44.2	19.5			0.384					1312 1312					1312x 4.23 arcmin from NGC 4875 and NGC 4876, 5.33 arcmin from NGC 4864, 6.18 arcmin from NGC 4867, 1.85 arcmin from NGC 4869, 5.0arcmin from NGC 4871, 5.15 arcmin from NGC 4872, 5.87 arcmin from NGC 4873, 5.83 arcmin from NGC 4974,2118
1256+284 O		12 56 55.7 28 29 45	12 59 20.42 28 13 35.2	19.2			2.16			H I 1216 C IV 1549		1029 1029			1029		7.58 arcmin from NGC 4881, 7.98 arcmin from NGC 4858, 6.45 arcmin from NGC 4860, 8.67 arcmin from NGC 4865, 2118
1256+277 O		12 56 58.5 27 43 30	12 59 23.50 27 27 20.3	20.2			2.00			H I 1216 C IV 1549		1029 1029					
1257+361 C	BF 92	12 57 6.1 36 7 29	12 59 27.66 35 51 19.4	19.53	.16		0.82						1230				1301ubv
1257+357 O		12 57 13.8 35 47 6	12 59 35.49 35 30 56.5	21.4			(2.24)			C IV 1549 C III 1909		1387 1387					
1257+287 O		12 57 26.6 28 43 39	12 59 51.15 28 27 29.8	19.6			2.99			H I 1216 C IV 1549		1029 1029			1029		
1257+346 C R	B 201 AB 78 5C12.121.1	12 57 26.68 34 39 31.4	12 59 48.82 34 23 22.2	16.99*	.26	-.82	1.375			C IV 1549 C III 1909 Mg II 2798		179 179	490	850 853 921 1699 1846	560		178,179ubv, 704,1202pol, 921,992ir, 873xnd,958, 2251sp, 958FeIIem, 921phot, 1941uv 1902avg Bmag
1257+355 O		12 57 31.8 35 31 6	12 59 53.55 35 14 56.9	20.9			2.04			H I 1216		1387 1387					
1257+359 C	BF 105	12 57 33.9 35 55 53	12 59 55.46 35 39 43.9	19.2	.64	-.51	(0.324)			Mg II 2798		1301 1070					1207,1261imag

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	ABS	
1257+280 O		12 57 38.5 28 4 57	13 0 3.27 27 48 48.0	21.1		2.30	H I	1216		1029 1029						8.53 arcmin from NGC 4875 and NGC 4876, 9.72 arcmin from NGC 4894, 8.78 arcmin from NGC 4898, 2118	
1257-230 R	PKS	12 57 43.94 -23 1 55.8	13 0 25.00 -23 18 4.8	18.5		2.28	H I C IV	1216 1549		202 1302				011			
1257-165	R12.24	12 57 46.7 -16 32 9	13 0 25.57 -16 48 18.0	17.2 *		2.22				2277 2277							
1257+276 O		12 57 51.2 27 41 42	13 0 16.08 27 25 33.2	21.2		0.30	Mg II	2798		1029 1029							
1257+279 O		12 57 51.8 27 55 40	13 0 16.59 27 39 31.2	21.9		2.58	H I	1216		1029 1029							
1257+356 C	BF 112	12 57 53.7 35 38 57	13 0 15.32 35 22 48.3	19.62	.58	-.46	1.79			1230						1301ubv	
1258+287 R X E CSO 781	5C4.105 A2 316 PB 3207 US 122 E CSO 781	12 58 4.29 28 46 17	13 0 28.73 28 30 8.5	17.38	.30	-.80	0.648	C II Mg II Ne V NeIII	2326 2798 3426 3869	186 1255 1283 084 2110 187 1417			1888			873,1417x, 319ubv,516, 517fc, 2137Bmag, 2137varnd 9.22 arcmin from NGC 4896, 2118	
1258+404 R	3CR 280.1 4C 40.32 NRAO 417 VR12.40.02	12 58 14.15 40 25 15.4	13 0 33.41 40 9 7.1	19.44	-.13	-.70	1.667	H I C IV He II O III C III Mg II	1216 1549 1640 1663 1909 2798	008 102 2049 2281			128 462 775 787 917 1023 1111 1167 1804 1891 1996			008ubv, 1320rpol, 158fc, 2049noabs 1795rpol jet	
1258+277 O		12 58 16.7 27 43 41	13 0 41.51 27 27 32.7	20.7		1.45				1029 1029							
1258+286 C	W 61972 A2 327 PB 3214 US 130	12 58 23.8 28 39 28	13 0 48.23 28 23 19.8	17.75*	.07	-1.12	1.922*	H I C IV	1216 1.8942 1549 1.464	185 009 185 1283 1029 2137 1255					560 185ubv,873xnd, 1635 186,1029fc, 2228 1586rnd 2263 4.62 arcmin from NGC 4896, 2118		
1258+281 O		12 58 27.2 28 8 27	13 0 51.83 27 52 18.9	21.0		1.92	H I C IV	1216 1549		1029 1029						4.18 arcmin from NGC 4906, 4.75 arcmin from NGC 4911A 5.4arcmin from NGC 4911, 7.3 arcmin from NGC 4919, 7.2 arcmin from NGC 4921, 9.3 arcmin from NGC 4894, 8.72 arcmin from NGC 4898,2118	
1258+342 O	KP 32	12 58 30.3 34 17 12	13 0 52.40 34 1 4.0	19.5		(1.8)				457 853						853rnd,873xnd	
1258+340 C	B 246 AB 84	12 58 31.36 34 4 43.1	13 0 53.55 33 48 35.1	18.18*	-.07	-.60	0.69			346 490 178						178ubv,853rnd, 873xnd	



TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1258+285	US 136 C PB 3216 A2 330 CSO 786 W 62385	12 58 37.1 28 35 56	13 1 1.52 28 19 48.1	17.4 *	.30		1.355	C IV 1549 C III 1909 Mg II 2798		1029 1255 1967 1283 1029 2137 2110					6.98 arcmin from NGC 4896, 2118
1258+356	B 196 C AB 86 X BF 141	12 58 41.74 35 38 44	13 1 3.20 35 22 36.2	18.28	.38	-1.06	0.323			346 178					178ubv,1115, 1230x,853rnd
1258+016	UM 536 O	12 58 44.7 1 37 46	13 1 18.02 1 21 38.2	19.5			1.982	C IV 1549 C III 1909		922 1251 922					
1258+280	O	12 58 46.1 28 5 6	13 1 10.70 27 48 58.3	20.4			(1.93)	O VI 1034 H I 1216		1029 1029					9.38 arcmin from NGC 4906, 2.52 arcmin from NGC 4911A 4.15 arcmin from NGC 4911, 1.97 arcmin from NGC 4919, 4.98 arcmin from NGC 4921, 4.43 arcmin from NGC 4923, 2118
1258+359	O	12 58 48.8 35 57 12	13 1 10.09 35 41 4.3	21.2			2.40	C IV 1549 C III 1909		1387 1387					
1258+343	B 471 C AB 87	12 58 49.5 34 22 38.1	13 1 11.50 34 6 30.4	17.66	.29	-.69	0.774			346 178					178ubv,853rnd, 873xnd
1258+286	5C4.127 R US 142 X CBS 334	12 58 56.07 28 37 42.7	13 1 20.43 28 21 35.1	19			1.373	C IV 1549 O III 1663 C III 1909 Mg II 2798		187 084 2110 1029			1170		873x,1029fc
1258+342	KP 33 O R	12 58 59.6 34 16 32	13 1 21.61 34 0 24.5	19			1.93	H I 1216 C IV 1549		457 867 457			853		873xnd
1259+281	X	12 59 5.1 28 6 59	13 1 29.64 27 50 51.6	18.5			0.243			1312 1312					1312x 7.12 arcmin from NGC 4911A 8.73 arcmin from NGC 4911, 3.85 arcmin from NGC 4919, 2.4arcmin from NGC 4921, 0.92 arcmin from NGC 4923,2118
1259-226	M12.24	12 59 7.6 -22 36 19	13 1 48.67 -22 52 26.5	18.54			2.00			2277 2277					
1259+593	PG C LB 2522	12 59 8.2 59 18 14	13 1 12.92 59 2 6.6	15.60			0.472	Mg II 2798 H I 4340		1117 1117					1598sp, 1688imag,1729, 2005ir,2112x 14.6 arcmin from Scd gal,0.0225 zgal,1650,2118 faint gals near,2118
1259+357	O	12 59 10.8 35 43 42	13 1 32.12 35 27 34.7	21.7			2.03	H I 1216		1387 1387					
1259+367	B 228 C AB 89	12 59 20.88 36 46 1.8	13 1 41.69 36 29 54.7	17.83*	.36	-.64	1.194			346 490 178					178ubv,853rnd
1259+284	X	12 59 21.9 28 28 12	13 1 46.26 28 12 4.9	19.0			0.86			1312 1312					1312x

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1259-135 O	POX 104	12 59 24 -13 30 0	13 2 2.01 -13 46 7.1	17.5			2.387	H I 1216 N V 1240 Si IV 1397 C IV 1549		931 931					
1259+347 O	KP 34	12 59 24.8 34 42 41	13 1 46.54 34 26 34.0	18.5			2.08	H I 1216 C IV 1549		457 867 457					853rnd,873xnd
1259+357 C	BF 161	12 59 25.6 35 46 38	13 1 46.85 35 30 31.0	19.71	.44	-.79	2.04	C IV 1549 C III 1909		1387 1230 1387					1301ubv
1259+344 C	BSO 6 B 243 AB 90	12 59 30.92 34 27 8.8	13 1 52.75 34 11 1.9	18.36	.05	-1.01	1.956	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		179 179					178,179, 180ubv,853rnd, 873xnd 1902avg Bmag
1259+361 C X	BF 164	12 59 32.5 36 10 12	13 1 53.55 35 54 5.1	19.27	.36	-.39	0.69			1230					1230x,1301ubv
1259+355 O		12 59 34.8 35 31 6	13 1 56.14 35 14 59.2	20.0			1.90	H I 1216 C IV 1549 C III 1909		1387 1387					
1259+359 C	BF 166	12 59 39.1 35 55 50	13 2 0.23 35 39 43.3	18.12	.61	-.55	1.23	Mg II 2798		1115					1301ubv
1259+344 O	KP 35	12 59 44.2 34 25 46	13 2 6.00 34 9 39.4	19.1			2.82	O VI 1034 H I 1216		457 867					873xnd,853rnd
1259+361 C	BF 170	12 59 47.7 36 9 23	13 2 8.70 35 53 16.4	19.25	.18	-.27	1.76			1230					1301ubv
1300+360 C	BF 175	13 0 0.0 36 4 53	13 2 20.99 35 48 46.7	19.73	.05	-.38	(0.68)			1070					1301ubv
1300+345 O	KP 36	13 0 0.3 34 33 10	13 2 21.99 34 17 3.7	19.0			2.88	O VI 1034 H I 1216		457 867					873xnd,853rnd
1300+344 O	KP 37	13 0 12.5 34 27 33	13 2 34.20 34 11 26.9	19			1.70			457 867 457					853rnd,873xnd
1300+343 O	KP 38	13 0 14.8 34 21 3	13 2 36.54 34 4 57.0	20.5			(1.8)			457 853					853rnd,873xnd
1300+346 O	KP 39	13 0 31.9 34 41 16	13 2 53.43 34 25 10.3	20.0			(1.93)	H I 1216 C IV 1549		457 867					853rnd
1300-243 O R		13 0 36.7 -24 18 55.6	13 3 18.58 -24 35 1.4	17.85	.04	-.31	2.259	H I 1216 O I 1304 Si IV 1397 C IV 1549		409 409		1162			912xnd, 1485ubv
1300+284 C	US 189 A2 375 PB 3259 TON 694 W 62579 CSO 799	13 0 49.4 28 27 17	13 3 13.55 28 11 11.6	17.6 *	.40		1.302	C IV 1549 C III 1909 Mg II 2798		1283 1255 1967 2110 2137					9.83 arcmin from NGC 4943, 7.6arcmin from NGC 4944,2118
1300+347 O	KP 40	13 0 50.4 34 43 14	13 3 11.86 34 27 8.6	21.0			(1.9)			457 853					853rnd
1300+362 C	BF 202	13 0 50.6 36 12 39	13 3 11.36 35 56 33.6	19.76	.02	-.79	(1.93)	C IV 1549		1070					1301ubv
1301+359 C	BF 216	13 1 29.4 35 54 24	13 3 50.17 35 38 19.4	19.50	.30	-.47	(1.47)			1070					1301ubv
1301+307 C	W 33211 US 205 CSO 805	13 1 30.56 30 42 38.2	13 3 53.67 30 26 33.6	17.56	.09	-.77	1.700	H I 1216 C IV 1549		185 1635 2110 009				560 1635	185ubv,853rnd
1301+361 C	BF 219	13 1 38.4 36 8 30	13 3 59.03 35 52 25.6	19.62*	.05	-.38	(1.71)			1230 1353					1353ubv

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES
1301+358	B 286	13 1 41.98	13 4 2.75	18.65*	.60	-.65	(0.327)				178 490	178,1353ubv, 853rnd,1115x
	C AB 109	35 49 21.5	35 33 17.1								490	
	X BF 222											
1301+295	5C4.160	13 1 46.6	13 4 10.13	18.9 *	.30	-.20	1.519	C IV 1549		1283 1116 1116		1283ubv
	C US 211	29 35 47	29 19 42.7					C III 1909				
	R											
1301+358	BF 225	13 1 49.8	13 4 10.52	19.60	.49	-.73	0.91			1230		1353ubv
	C	35 52 56	35 36 51.8									
1301+316	US 216	13 1 54.0	13 4 16.63	19.5 *			1.289	C III 1909		1283 1116 1116		
	C PB 3276	31 40 6	31 24 1.9					Mg II 2798				
1301+356	BF 227	13 1 56.5	13 4 17.28	19.29	.60	-1.03	2.04			1301 1070		1301ubv
	C	35 41 53	35 25 48.9									
1302+360	C 32	13 2 0.5	13 4 21.11	19.91*	.47	-.54	1.633			1353 1353		1353ubv
	C	36 2 20	35 46 16.0									
1302+358	BF 230	13 2 4.3	13 4 25.00	18.77	.42	-.87	1.99	C IV 1549		1115		1301ubv
	C	35 49 30	35 33 26.1					C III 1909		1230		
								C II 2326				
1302-034	PKS	13 2 8.71	13 4 43.64	19.31	.24	-.85	1.25	C IV 1549		026 436	789	436ubv, 1526vlbi
	R	-3 29 57.7	-3 46 1.6					C III 1909				
1302-125	POX 115	13 2 12	13 4 49.89	19.0			(2.294+	H I 1216		931 931		931
	O	-12 34 0	-12 50 3.9					N V 1240				
								C IV 1549				
1302+357	B 288	13 2 17.07	13 4 37.76	18.39*	.53	-.84	1.293			346 490		178ubv,853rnd
	C AB 115	35 45 11.4	35 29 7.7							178		
	BF 237									490		
1302+361	BF 247	13 2 44.4	13 5 4.82	19.15	.03	-.67	0.89			1070		1301ubv
	C	36 7 24	35 51 20.9									
1302+366		13 2 48.9	13 5 9.03	20.5			3.00	H I 1216		1387 1387		
	O	36 40 0	36 23 57.0									
1302-102	PKS	13 2 55.83	13 5 33.00	14.92*	.12	-.90	0.286	Mg II 2798		188 058 1201 1171		188,736ubv, 1202pol,772, 1355,1693, 1941,2061uv, 940ext,1117sp, 1487,2112x, 780,1125,1729, 2005ir,1207, 1261,1700, 2145imag, 1222elp, 1526vlbi, 1789mm, 1810pos, 1942uvvar 29.1 arcmin from NGC 4939, 0.57 and 0.65 arcmin from 2 anon gals, 1650,2118
	R OP 106	-10 17 16.7	-10 33 19.7					O III 3133			2054 2011	
	X PG							He II 3203			2056	
								O II 3727				
								NeIII 3869				
								H I 4340				
1303+360	BF 262	13 3 10.3	13 5 30.66	19.63	.40	-.57	0.97			1230		1301ubv
	C	36 3 17	35 47 14.4									
1303+366		13 3 11.1	13 5 31.15	20.5			2.13	H I 1216		1387 1387		
	O	36 40 42	36 24 39.4									
1303+357	BF 263	13 3 11.9	13 5 32.41	19.93	.12	-.53	1.62			1230		1301ubv
	C	35 44 5	35 28 2.4									
1303+362	BF 264	13 3 16.1	13 5 36.35	19.41	.15	-.71	1.35			1230		1301ubv
	C	36 14 32	35 58 29.5									
1303+338	AB 122	13 3 21.61	13 5 42.99	18.07	.01	-.87	0.49			491		178ubv
	C	33 51 45.7	33 35 43.3									

TABLE 1—Continued

		OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
			DEC (1950)			DEC (2000)										Z	VAR	R	ABS	
1303+358	BF 270	13 3 28.6	13 5 49.02	19.36	.22	-.60	(0.369)	Mg II 2798						1230				1301ubv		
C		35 48 58	35 32 55.8											1070						
1303+308	W 22722	13 3 32.03	13 5 54.76	17.85*	.33	-.89	1.772*	H I 1216	1.775	185	1187	185	560	185ubv,1187,						
C	PB 3296	30 48 55.2	30 32 53.0					Si IV 1397	1.763	2110	009		1187	1208,1514BAL,						
	US 256							C IV 1549	1.746		1901		1710	853,1213,						
	CSO 814							C III 1909	1.728				2228	1586rnd,						
	BA 96								1.708				2263	1201pol,						
									1.691					873xnd,1941uv						
									1.671					z(abs) 1.77-						
									1.661					1.55,1514						
									1.359											
1303+357	BF 275	13 3 35.0	13 5 55.45	19.58	.03	-.67	1.45						1301	1070				1301ubv		
C		35 42 21	35 26 18.9																	
1303+360	BF 281	13 3 44.1	13 6 4.38	19.56	.14	-.18	2.43	H I 1216					1353					1353ubv,		
C		36 0 1	35 43 59.1										1387					1387fc		
1303+297		13 3 47.95	13 6 11.09	19.0				0.71	C III 1909				1442							
O		29 46 3.6	29 30 1.8						Mg II 2798											
									O II 3727											
1303+313	W 21541	13 3 54.28	13 6 16.70	17.72*	.13	-.94	(2.047)	H I 1216		185	009	185		185ubv,853rnd,						
C	PB 3304	31 21 31	31 5 29.3											873xnd						
	LB 30																			
	BA 16																			
	US 262																			
	CSO 815																			
1303+291		13 3 54.84	13 6 18.21	22.5				2.07	H I 1216				1442					9.25 arcmin		
O		29 10 46.0	28 54 44.3															from NGC 4966,		
																		2118		
1304+342	AB 125	13 4 3.08	13 6 24.12	17.97	.42	-.88	0.279	H I 4861		178	491		178ubv,1269x,							
C	1E	34 17 50.8	34 1 49.3					O III 4959		1269	1269		1910sp							
X								O III 5007												
1304+301		13 4 3.40	13 6 26.34	18.6				(3.03)	H I 1216				1442							
O		30 8 19.8	29 52 18.3																	
1304+296		13 4 11.09	13 6 34.21	19.1				1.96	H I 1216				1442							
O		29 40 44.7	29 24 43.3						C IV 1549											
1304+310	US 272	13 4 12.1	13 6 34.59	18.7 *	.30	-.60	(0.422)	Mg II 2798		1283	1116	1116		1283ubv						
C		31 5 29	30 49 27.7																	
1304+291		13 4 14.41	13 6 37.76	19.2				0.79	Mg II 2798				1442							
O		29 7 20.8	28 51 19.5						O II 3727											
1304+295		13 4 19.96	13 6 43.10	20.6				(2.24)	H I 1216				1442							
O		29 34 10.4	29 18 9.2						C IV 1549											
									C III 1909											
1304-107	POX 117	13 4 24	13 7 1.41	19.7				2.088	H I 1216		931	931								
O		-10 47 0	-11 3 1.2						C IV 1549											
1304+293		13 4 28.34	13 6 51.54	20.4				0.26	Mg II 2798				1442					7.7arcmin from		
O		29 22 7.7	29 6 6.7						O II 3727									NGC 4966,2118		
1304-318	PKS	13 4 29.62	13 7 15.22	19.5				1.211+	C III 1909		1004	1004		384 1004						
R		-31 51 57.2	-32 7 58.3						Mg II 2798					2056						
1304+293		13 4 32.34	13 6 55.54	20.1				2.110	H I 1216		2155	2155		19.35Jmag,2155						
O		29 20 34.1	29 4 33.2						C IV 1549			1442		8.3arcmin from						
														NGC 4966,2118						
1304-121	POX 123	13 4 36	13 7 13.88	18.0				2.289	H I 1216		931	931								
O		-12 7 0	-12 23 0.9						C IV 1549											
1304+295		13 4 39.85	13 7 2.93	19.4				3.74	O VI 1034				1442							
O		29 34 43.0	29 18 42.2						H I 1216											
1304+292		13 4 41.52	13 7 4.72	19.6				(0.29)	Mg II 2798				1442							
O		29 17 32.3	29 1 31.6						O II 3727											
1304+300		13 4 43.7	13 7 6.57	19.6				2.72	H I 1216		1387	1387								
O		30 2 42	29 46 41.3																	

TABLE 1—Continued

		OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
			DEC	(1950)		DEC	(2000)									Z	VAR	R	ABS	
1304+293			13 4 46.34	13 7 9.50	20.1						(3.05)	H I 1216			1442					
O			29 22 8.1	29 6 7.5																
1304+346	B 340		13 4 48.01	13 7 8.73	16.97*	.41	-.74	0.189				Mg II 2798		179	179	490			178,179ubv,	
C	MKN 64		34 40 24.2	34 24 23.6								Ne V 3426			334				704,1202pol,	
	AB 133											H I 4340							1382mm,	
												O III 4363							1259imag,850,	
												H I 4861							853,921rnd,	
												O III 5007							921,992,	
												H I 6563							1617ir,819ext,	
																			921phot,334,	
																			958sp,	
																			958FeIIem,297,	
																			518fc	
1304+296	KKC 1		13 4 49.59	13 7 12.62	22.29						1.97				1453	1746			1765Jmag	
C			29 38 46.5	29 22 45.9																
1304+374	B 312		13 4 52.08	13 7 11.37	19.26*	.14	-.67	(0.45)				Mg II 2798		179	179	490			178,179ubv,	
C	AB 134		37 28 38.3	37 12 37.8								Ne V 3426				1068			853rnd	
																			1902avg Bmag	
1304+294			13 4 56.02	13 7 19.13	23.4						2.65	O VI 1034								
O			29 25 40.6	29 9 40.2								H I 1216							1442	
1304+296			13 4 59.24	13 7 22.23	20.7						(3.36)	O VI 1034							1442	
O			29 40 49.3	29 24 48.9								H I 1216								
1304+298			13 4 59.58	13 7 22.50	20.2						0.78	C III 1909							1442	
O			29 49 43.4	29 33 43.0								Mg II 2798								
1305+295			13 5 9.54	13 7 32.57	20.8						(2.86)	H I 1216							1442	
O			29 31 45.6	29 15 45.4																
1305+299			13 5 17.58	13 7 40.42	20.6						2.79	H I 1216							1442	
O			29 54 43.4	29 38 43.4								C IV 1549								
1305+295	KKC 9		13 5 19.64	13 7 42.61	*						2.46			1453	1453	1453			22.17Jmag,1453	
C			29 35 35.4	29 19 35.5											1746					
1305+296			13 5 19.70	13 7 42.65	21.0						(3.32)	H I 1216								
O			29 38 6.6	29 22 6.7																
1305+069	3C 281		13 5 22.48	13 7 53.95	17.02	.13	-.59	0.602				Mg II 2798		008	085		775		008ubv,156,	
R	4C 06.45		6 58 12.9	6 42 13.0								Ne V 3426			436		789		1201pol,1188,	
	OP 009											O II 3727					1476		1467sp,	
	NRAO 419											NeIII 3869							1320rpol,	
	PKS																		1688imag	
	DA 337																		faint gals	
																			near,2118	
1305+301			13 5 23.38	13 7 46.08	18.6						1.55	C IV 1549							1442	
O			30 11 28.7	29 55 28.8								C III 1909								
1305+364	B 330		13 5 24.65	13 7 44.37	18.01	.31	-.66	0.92							346		1699		178ubv,853rnd	
C	AB 141		36 25 21.2	36 9 21.4											178					
R															490					
1305+297			13 5 26.26	13 7 49.16	20.6						2.20	H I 1216							1442	
O			29 42 35.4	29 26 35.6								C IV 1549								
												C III 1909								
1305+298	US 303		13 5 26.56	13 7 49.41	20.1 *	.50	-.40	0.991				C III 1909		1283	1116	1116			1283ubv	
C	KKC 10		29 49 3.2	29 33 3.4								Mg II 2798		1453	1453	1453			FeII multi-	
														2155	2155				plots 62 and	
																			63; 20.30Jmag,	
																			2155	
1305+001	UM 545		13 5 27.5	13 8 1.25	18						2.11	H I 1216		922	922					
O			0 11 3	-0 4 56.8								C IV 1549								
1305+352	B 337		13 5 29.33	13 7 49.61	17.62*	.67	-1.39	0.30							346	490	1699		178ubv,853rnd	
C	AB 142		35 17 41.1	35 1 41.4											178					
R															490					
1305+283			13 5 32.3	13 7 55.79	19.9						2.43	H I 1216		1387	1387					
O			28 19 24	28 3 24.3																

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1305+297 O		13 5 36.56 29 44 48.3	13 7 59.42 29 28 48.7	20.1					2.25	C IV 1549 C III 1909			1442				
1305+297 O		13 5 40.94 29 46 20.8	13 8 3.78 29 30 21.3	19.3					(3.24)	H I 1216			1442				
1305+301 O	US 308 BA 179 PB 3336 CSO 822	13 5 41.46 30 6 27.7	13 8 4.15 29 50 28.2	18.2					(1.79)	H I 1216		2110	1442				
1305+293 O		13 5 42.99 29 22 51.7	13 8 5.99 29 6 52.2	19.9					3.07	H I 1216 C IV 1549			1442				
1305+296 C	KC 8 B1 KKC 16	13 5 43.24 29 38 37.8	13 8 6.13 29 22 38.4	22.23*					2.54			1453	1453 1746	1453			1453Jmag
1305+298 C	US 310 KKC 19	13 5 45.68 29 50 47.7	13 8 8.47 29 34 48.3	19.7					1.180	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1453 2155	1453 1442 2155				19.60Jmag, 2155
1305+293 C	KKC 21	13 5 46.17 29 21 55.3	13 8 9.17 29 5 55.9	22.44					1.30			1453	1746				1765Jmag
1305+296 C	KC 18 KKC 22	13 5 49.20 29 41 12	13 8 12.05 29 25 12.7	19.17*	.39	.63	3.07					1311 1387 1453	946 1387 1442 1453	946			946ubv zero proper motion, 946
1305+295 C	KKC 23	13 5 49.24 29 30 57.7	13 8 12.17 29 14 58.4	21.86					1.45			1453	1746				1765Jmag
1305+296 C	KC 8 B2 KKC 25	13 5 50.34 29 38 42.6	13 8 13.21 29 22 43.3	20.94*	.07	-.72	1.54					1311 1453	946 1453 1453	946			946ubv zero proper motion, 946
1305+296 O		13 5 50.58 29 36 42.7	13 8 13.46 29 20 43.4	19.5				(2.90)	H I 1216				1442				
1305+298 O	CSO 823	13 5 50.85 29 48 55.7	13 8 13.64 29 32 56.4	17.7					2.95	H I 1216 C IV 1549		2110	1442				
1305+295 C	KKC 27	13 5 52.80 29 32 10.8	13 8 15.71 29 16 11.6	21.13					0.96			1453	1746				1453Jmag
1305+295 O C	US 314 KKC 28 KC 22	13 5 53.25 29 35 16.8	13 8 16.14 29 19 17.6	19.6 *	.06	-1.03	1.740	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640				1387 1453 2155	1442 1387 1453 2155	1453			946ubv zero proper motion, 946 19.14Jmag, 2155
1305+302 O		13 5 57.6 30 12 6	13 8 20.20 29 56 6.9	21.0					1.71	C IV 1549 C III 1909		1387	1387				
1306+280 O		13 6 0.0 28 2 12	13 8 23.55 27 46 12.9	19.7					2.49	H I 1216		1387	1387				
1306+296 C	KKC 30	13 6 0.46 29 38 32.6	13 8 23.30 29 22 33.5	22.02*					2.15			1453	1746 1453	1453			1453Jmag
1306+297 C	KKC 31 KC 11B1	13 6 1.57 29 46 34.9	13 8 24.35 29 30 35.8	21.09					0.91			1453	1746				1765Jmag
1306+293 O C	KKC 32	13 6 2.28 29 23 44.8	13 8 25.23 29 7 45.8	19.8 *					2.270	H I 1216 C IV 1549		1387 1453 2155	1387 1442 1453 2155	1453			20.38Jmag, 2155
1306+295 C	KC 6 B7 KKC 34	13 6 4.33 29 31 23.6	13 8 27.22 29 15 24.6	20.48*	.26	-.89	2.300					1311 2155	946 2155	946			946ubv zero proper motion, 946 21.10Jmag, 2155
1306+303 C	W 23694 PB 3344 US 317 BA 182 CSO 825	13 6 7.2 30 21 38.6	13 8 29.70 30 5 39.7	17.17	.42	-.69	0.806	C III 1909 Mg II 2798				185 1283	009 1255				185ubv, 853rnd, 2137varnd

TABLE 1—Continued

OTHER NAMES		RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)			DEC (2000)									ID	Z	VAR	R	
1306+294	KKC 35	13 6 7.48	13 8 30.41	22.02							3.12			1453	1453			1453Jmag
C		29 24 42.6	29 8 43.7												1746			
1306+296	KKC 36	13 6 7.56	13 8 30.37	22.28							0.95			1453	1746			1765Jmag
C		29 41 0.2	29 25 1.3															
1306+295	KC F5	13 6 9.23	13 8 32.08	20.48*							1.820			1453	1453	1453		1453Jmag
C	KKC 37	29 35 10.3	29 19 11.4											2155				zero proper motion, 946;
1306-251	M12.30	13 6 16.7	13 8 59.65	18.7							2.1			2277	2277			
		-25 8 48	-25 24 46.8															
1306+297	KKC 45	13 6 19.36	13 8 42.09	22.25							1.14			1453	1746			1765Jmag
C		29 46 41.7	29 30 43.0															
1306+293		13 6 19.94	13 8 42.88	17.5							2.16	H I 1216 C IV 1549			1442			
O		29 18 4.2	29 2 5.5															
1306+297	KKC 46	13 6 20.6	13 8 43.34	21.0							0.95			1387	1746			
O		29 44 42	29 28 43.3											1453				
C																		
1306+276	US 323	13 6 24.0	13 8 47.65	18.5 * 0.00	-0.40	0.462	Mg II 2798							1283	1116	1116		1283ubv, 1967phot 30.68 arcmin from 3C 284, 2118
C		27 39 59	27 24 0.4															
1306+294	KC 5 C7	13 6 26.77	13 8 49.62	20.35* -0.02	-0.98	1.820	H I 1216 Si IV 1397 C IV 1549 C III 1909							1311	1442	946		946ubv, 2155Jmag zero proper motion, 946
C	KKC 50	29 28 42.8	29 12 44.3											1453	946	1453		
														2155	1453			
															2155			
1306+293		13 6 27.44	13 8 50.35	20.9							0.24	Mg II 2798 O II 3727			1442			
O		29 20 18.9	29 4 20.4															
1306+274	OP 211	13 6 33	13 8 56.74	18.5							1.537+	C IV 1549 C III 1909		009	009			009
R	PB 3348	27 24 12	27 8 13.6															
B2																		
1306+293		13 6 36.39	13 8 59.26	17.6							0.74	C III 1909 Mg II 2798			1442			
O		29 21 56.2	29 5 57.9															
1306+298	KKC 55	13 6 41.31	13 9 3.94								1.09			1453	1453			20.23Jmag, 1453
C		29 52 34.0	29 36 35.8															
1306+295	KKC 56	13 6 41.95	13 9 4.72	21.1 *							2.13	C IV 1549 C III 1909		1387	1442	1453		22.25Jmag, 1453
C		29 33 27.1	29 17 28.9											1453	1387	1453		
1306+297	KKC 58	13 6 43.61	13 9 6.30								1.09			1453	1453			22.07Jmag, 1453
C		29 43 45.7	29 27 47.5												1746			
1306+300		13 6 47.00	13 9 9.52	17.7							(0.67)	Mg II 2798 O II 3727			1442			
O		30 5 13.7	29 49 15.6															
1306+298	KKC 63	13 6 47.40	13 9 10.02								1.50			1453	1746			21.17Jmag, 1453
O		29 51 22.9	29 35 24.8															
C																		
1306+301		13 6 47.40	13 9 9.89	18.1							(3.16)	H I 1216 C IV 1549			1442			
O		30 8 44.0	29 52 45.9															
1306+295	KC 89	13 6 49.07	13 9 11.84	*							1.06			1453	1453	1453		20.59Jmag, 1453
C	KKC 64	29 31 50.2	29 15 52.1															zero proper motion, 946;
1306+297		13 6 50.09	13 9 12.74	17.6							2.82	O VI 1034 H I 1216			1442			
O		29 46 59.1	29 31 1.1															
1306+296		13 6 50.10	13 9 12.83	19.5							(0.72)	Mg II 2798 O II 3727			1442			
O		29 36 18.2	29 20 20.2															
1306+350	B 382	13 6 54.22	13 9 14.36	17.55*	.50	-.95	0.194	Mg II 2798						016	016	490		178ubv, 853rnd
C	NAB	35 1 8.5	34 45 10.6												178			
AB 147															346			

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1306+295 C	KKC 67	13 6 57.74 29 30 55.8	13 9 20.49 29 14 57.9	*			1.28			1453 1453 1453 1746					22.32Jmag,1453
1307-163 O		13 7 0.47 -16 18 8.7	13 9 40.03 -16 34 6.6	19.35			0.688	Mg II 2798		2155 2154					2154fc, 2155Jmag
1307+295 O		13 7 0.89 29 32 17.8	13 9 23.62 29 16 20.0	22.4			(0.21)	Mg II 2798 O III 5007		1442					
1307+294 C	KKC 68	13 7 3.70 29 27 44.2	13 9 26.46 29 11 46.5	*			1.32			1453 1453 1453 1746					21.95Jmag,1453
1307+293 O		13 7 4.32 29 19 34.9	13 9 27.14 29 3 37.2	21.5			2.42	H I 1216 C IV 1549		1442					
1307+121 BL Lac R OP 112 MC 2	4C 12.46	13 7 4.37 12 10 22.9	13 9 33.96 11 54 25.1	18.5 *	.53	-.51				343 323 789 634 826 1086					323ubv,121sp, 2112x
1307+298 O		13 7 12.57 29 53 43.8	13 9 35.11 29 37 46.2	20.7			(3.18)	H I 1216 C IV 1549		1442					
1307+085 C X R	PG	13 7 16.2 8 35 47	13 9 47.04 8 19 49.5	15.28			0.155	H I 4861 O III 4959 O III 5007		1117 1117			2011		1487,1678, 2112x,1598sp, 1700imag, 1701uv,1729, 2005ir compan gal, 1788,2118
1307+297 O		13 7 16.92 29 45 50.1	13 9 39.51 29 29 52.6	22.0			2.61	O VI 1034 H I 1216		1442					
1307+294 O		13 7 17.59 29 29 32.8	13 9 40.30 29 13 35.4	19.6			1.79	H I 1216 C III 1909		1442					
1307-159 O		13 7 17.9 -15 57 59	13 9 57.36 -16 13 56.5				2.363+	H I 1216 Si IV 1397 O IV 1402 C IV 1549		2155 2154				2154	2154fc
1307-158 O		13 7 27.86 -15 52 4.5	13 10 7.29 -16 8 1.8	18.23			0.465	Mg II 2798 Ne V 3426		2155 2154					2154fc, 2155Jmag
1307+296 C	KKC 77	13 7 36.51 29 38 46.1	13 9 59.10 29 22 49.1	21.02			2.87			1453 1746					1765Jmag
1307+181 O	KP 41	13 7 36.6 18 9 39	13 10 3.94 17 53 42.0	21			(1.9)			457 853 457					853rnd
1307+296 O	CSO 832	13 7 38.83 29 39 4.0	13 10 1.41 29 23 7.0	16.6			(2.95)	H I 1216 Si IV 1397 O IV 1402 He II 1640		2110 1442					
1307+298 O		13 7 50.0 29 50 36	13 10 12.46 29 34 39.2	20.2			2.42	C IV 1549 C III 1909		1387 1387					9.22 arcmin from NGC 5004C 2118
1307+298 O		13 7 54.35 29 50 51.4	13 10 16.80 29 34 54.7	18.5			(1.81)	H I 1216 C IV 1549 He II 1640		1442					
1307+297 O		13 7 58.36 29 42 55.2	13 10 20.86 29 26 58.6	18.6			(3.09)	H I 1216		1442					
1308+301 O	CSO 835 US 367	13 8 1.07 30 11 30.4	13 10 23.34 29 55 33.9	17.4			(0.71)	Mg II 2798		2110 1442					
1308+284 O	US 370	13 8 5.2 28 24 36	13 10 28.27 28 8 39.6	18.1			0.52	Mg II 2798		1387 1387					



TABLE 1—Continued

OTHER NAMES		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
1308+326	B2	13 8 7.59	13 10 28.70	19	*				0.996*	Mg II 2798	0.879	113 553	667 790 552	856,1013,1026,		
BL Lac R	OP 313	32 36 39.8	32 20 43.4							Ne V 3426		2110 2281	755 837 553	1407phot,1164,		
	X												970 955 2228	1357,1649,		
	GC												1068 1084 2263	1971mf,		
	US 371												1328 1100	1388rpol,1086,		
	CSO 836												1802 1152	1336rvar,1348,		
													2174 1160	1679uv,955,		
													1212	1057,1088,		
													1367	1307,2107,		
													1543	2112x,808,856,		
													1557	900,1098,1201,		
													1771	1226,1541,		
													1790	1730,2046,		
													1794	2103pol,		
													1807	1108absr,1012,		
													1930	1141,1144,		
													2144	1580,1589ir,		
														1028,1789mm,		
														1526,1919vlbi		
														IRAS source,		
														1806; 2144poss		
														rvar		
1308+296		13 8 7.88	13 10 30.40	20.2					(3.00)	H I 1216		1442				
O		29 37 21.3	29 21 24.9							C IV 1549						
1308-164		13 8 8.11	13 10 47.82	18.75					0.863	Mg II 2798		2155 2154		2154fc,		
O		-16 26 54.5	-16 42 50.9											2155Jmag		
1308-160		13 8 10.90	13 10 50.45	19.81					0.561	Mg II 2798		2155 2154		2154fc,		
O		-16 0 37.9	-16 16 34.3							Ne V 3426				2155Jmag		
1308+284		13 8 13.3	13 10 36.33	20.5					1.87	C IV 1549		1387 1387				
O		28 28 12	28 12 15.8							C III 1909						
1308+382	B 360	13 8 16.63	13 10 34.79	17.56	.41	-.62	2.09					346	853	178ubv		
C	AB 154	38 12 42.1	37 56 45.9									178				
R												490				
1308-011		13 8 21.28	13 10 55.51	18.7					1.003			2183 2183		2183B(J)mag		
O		-1 11 29.6	-1 27 25.7													
1308+286		13 8 27.4	13 10 50.31	21.5					2.39	H I 1216		1387 1387		25 arcsec from		
O		28 39 18	28 23 22.1							C IV 1549				anon gal,1387,		
										C III 1909				2118		
1308+182	4C 18.36	13 8 29.47	13 10 56.69	17.5 *					1.677*	H I 1216	1.4447	129 1635	506 789 560	1617ir		
R	OP 115	18 15 33.8	17 59 37.9							Si IV 1397		100 753	1586 1635	1795rpol jet		
										C IV 1549			1818 2228			
										C III 1909			1891 2263			
1308+287		13 8 30.3	13 10 53.16	21.5					3.17	H I 1216		1387 1387				
O		28 44 6	28 28 10.1													
1308+007		13 8 34.87	13 11 8.41	18.6					0.428			2183 2183		2183B(J)mag		
O		0 47 48.0	0 31 52.2													
1308+283		13 8 35.4	13 10 58.41	22.0					2.43	H I 1216		1387 1387				
O		28 23 12	28 7 16.2													
1308+294	US 383	13 8 38.6	13 11 1.13	18.4 *	.50	.50	(0.749)	Mg II 2798				1283 1116 1116		1283ubv		
C		29 25 21	29 9 25.3											FeII multi-		
														plots 60,62,		
														63,1116		
1308-022		13 8 40.24	13 11 14.85	18.7					2.850+			2183 2183		2183B(J)mag		
O		-2 14 51.1	-2 30 46.8											Ly limit abs,		
														2183		
1308+297		13 8 41.92	13 11 4.31	17.4					1.85	H I 1216		1442		8.9arcmin from		
O		29 42 9.1	29 26 13.5							C IV 1549				NGC 5004C,2118		
1308-135		13 8 43.99	13 11 22.66	20.09					(0.855)	Mg II 2798		2155 2154		2154fc,		
O		-13 33 13.5	-13 49 9.1											2155Jmag		
1308-010		13 8 44.97	13 11 19.17	18.1					2.585			2183 2183		2183B(J)mag		
O		-1 4 36.2	-1 20 31.8													

TABLE 1—Continued

		OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
			DEC (1950)			DEC (2000)										Z	VAR	R	ABS	
1308+183	KP 43	13 8 46.9	13 11 14.05	18.5			1.55						457	853				853rnd		
O		18 21 52	18 5 56.5																	
1308+011		13 8 47.70	13 11 21.11	18.1			1.074						2183	2183				2183B(J)mag		
O		1 9 15.7	0 53 20.2																	
1308+017		13 8 50.77	13 11 23.99	18.8			0.507						2183	2183				2183B(J)mag, 2183neml		
O		1 42 39.8	1 26 44.3																	
1308+010		13 8 54.88	13 11 28.31	18.8			2.801						2183	2183				2183B(J)mag		
O		1 5 25.9	0 49 30.5																	
1309-056		13 9 0.74	13 11 36.54	17.44	.41	-.37	2.188*	H I 1216 2.1640	409	409						1000	1201,1202pol,			
O		-5 36 43.4	-5 52 38.7					N V 1240 2.1534		1187						1110	780,1983ir,			
X								C IV 1549 2.1325		1479						1187	912,1488,			
								C III 1909 2.0440		2281						2228	1980x,1187,			
								Mg II 2798 1.968								2263	1208,1514BAL, 1485ubv, 1941uv, 1924BALvar z(abs) 2.06- 1.88, 1514			
1309+388	NGC 5112	13 9 9	13 11 26.63	19.5			0.949						948	948						
C	UB1	38 48 0	38 32 5.0																	
1309+378	B 503	13 9 13.95	13 11 32.11	17.65*	.08	-.57	0.54							178	490	1699		178ubv,853rnd		
C	BSO 3	37 50 3.3	37 34 8.4																	
R	AB 163																			
1309-160		13 9 14.03	13 11 53.69	20.33			1.870	C IV 1549		2155	2154							2154fc, 2155Jmag		
O		-16 5 57.3	-16 21 52.3					C III 1909												
1309+340	BSO 8	13 9 16.86	13 11 37.04	17.43*	.36	-.77	1.035	C III 1909		179	178	490						180,490ubv, 853rnd		
C	B 427	34 2 44.5	33 46 49.6					Mg II 2798			179									
	AB 162										490									
											1635									
1309+287		13 9 20.3	13 11 43.03	22.0			2.0	H I 1216		1387	1387									
O		28 45 12	28 29 17.2																	
1309+288		13 9 46.9	13 12 9.54	20.0			2.33	C IV 1549		1387	1387									
O		28 48 42	28 32 47.8					C III 1909												
1309-216	MC	13 9 49.6	13 12 31.54	18.9 *			*			1.489	671		671	1961	671	781ir,1800pol, 2112x				
BL Lac R	PKS	-21 40 29.6	-21 56 23.8							1.361				2056	2228	2263				
1309+286		13 9 52.6	13 12 15.31	20.5			1.60	C IV 1549		1387	1387									
O		28 37 36	28 21 41.9					C III 1909												
1309+355	PG	13 9 58.5	13 12 17.78	15.45			0.184	H I 4340		168	1117	2011						1598sp,1729, 2005ir,2112x 81.7 arcmin from NGC 5033, 1650; faint gals near,2118		
C	TON 1565	35 31 15	35 15 21.1					H I 4861												
R								O III 5007												
1309+298	US 415	13 9 59.8	13 12 21.90	18.8 *	.40	-.60	0.247	O II 3727		1283	1116	1116						1283ubv		
C	PB 3388	29 53 41	29 37 47.1					NeIII 3869												
	HS 355							H I 4102												
								H I 4340												
								H I 4861												
								O III 5007												
1310+286		13 10 0.1	13 12 22.76	21.5			2.31	C IV 1549		1387	1387									
O		28 41 24	28 25 30.1					C III 1909												
1310+281		13 10 11.5	13 12 34.37	20.5			2.20	H I 1216		1387	1387									
O		28 9 42	27 53 48.4																	
1310-025		13 10 16.98	13 12 51.71	18.4			0.871			2183	2183							2183B(J)mag		
O		-2 31 44.9	-2 47 38.5																	
1310-135		13 10 27.78	13 13 6.56	20.00			1.618	C IV 1549		2155	2154							2154fc, 2155Jmag		
O		-13 32 37.5	-13 48 30.8					C III 1909												
1310+285		13 10 31.9	13 12 54.56	20.5			0.10	C IV 1549		1387	1387									
O		28 30 36	28 14 42.8					C III 1909												

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES
1310-136 O		13 10 54.48 -13 40 34.6	13 13 33.34 -13 56 27.3	19.17			1.521	C IV 1549 C III 1909		2155 2154		2154fc, 2155Jmag
1311-270 R	PKS	13 11 2.9 -27 0 55.9	13 13 47.32 -27 16 48.5	17.43	.37	-.42	2.199*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909	1.6860 1.5155 0.7033 -.0001	433 761 432 2049 2199 2281	432 1000 1818 1747 1891 2049 2056 2228 2263	761,1000, 1304sp, 1485ubv, 1818pos 4 arcsec from gal,0.201zgal, 2199
1311+013 O		13 11 19.47 1 21 4.0	13 13 52.80 1 5 11.9	18.7			1.536			2183 2183		2183B(J)mag
1311+362 C X	BSO 11 B 416 AB 168	13 11 19.51 36 15 40.7	13 13 38.12 35 59 48.6	18.82*	.06	-.85	2.084*	H I 1216 N V 1240 C IV 1549	2.028	179 179 073	490	073 2263 178,179, 180ubv,1005x, 853rnd 1902avg Bmag
1311-029 O		13 11 26.14 -2 57 51.6	13 14 1.04 -3 13 43.6	18.5			1.300			2183 2183		2183B(J)mag
1311+015 O		13 11 32.12 1 31 38.8	13 14 5.38 1 15 46.9	18.4			0.781			2183 2183		2183B(J)mag
1311+022 O		13 11 53.50 2 17 7.5	13 14 26.48 2 1 16.1	17.0			0.306			2183 2183		2183B(J)mag
1312+043 O		13 12 4 4 22 0	13 14 36.22 4 6 8.9	18			2.355	LYB 1026 H I 1216 N V 1240 C IV 1549		496 496		
1312+275 O		13 12 17.4 27 30 40	13 14 40.27 27 14 49.2	18.8			2.09	H I 1216 C IV 1549		1029 1029		
1312+270 O		13 12 46.0 27 5 56	13 15 8.99 26 50 5.9	21.1			(2.09)	H I 1216		1029 1029		
1312+274 O		13 12 50.4 27 27 47	13 15 13.21 27 11 57.0	21.1			2.47	H I 1216		1029 1029		
1312-155 O		13 12 50.62 -15 31 53.4	13 15 30.35 -15 47 43.5	18.89			2.095	H I 1216 N V 1240 C IV 1549		2155 2154		2154fc, 2155Jmag
1313-017 O		13 13 4.19 -1 42 56.7	13 15 38.65 -1 58 46.4	18.8			1.498			2183 2183		2183B(J)mag
1313-156 O		13 13 4.60 -15 40 56.8	13 15 44.41 -15 56 46.6	20.59			2.297+	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		2155 2154	2154	2154fc, 2155Jmag
1313-158 O		13 13 11.86 -15 48 50.9	13 15 51.73 -16 4 40.5	19.90			0.310	Mg II 2798 Ne V 3426 O II 3727 He 3970 H I 4340 O III 4363 H I 4861		2155 2154		2154fc, 2155Jmag
1313-153 O		13 13 15.17 -15 22 44.1	13 15 54.87 -15 38 33.6	18.47			2.721+	O VI 1034 H I 1216 Si IV 1397 O IV 1402 C IV 1549		2155 2154	2154	2154fc, 2155Jmag
1313-024 O		13 13 15.36 -2 28 8.5	13 15 50.10 -2 43 58.0	18.6			0.704			2183 2183		2183B(J)mag
1313+003 O		13 13 18.94 0 20 44.3	13 15 52.63 0 4 54.9	18.3			0.735			2183 2183		2183B(J)mag
1313+273 O		13 13 19.9 27 20 53	13 15 42.70 27 5 3.6	19.4			2.11	H I 1216 C IV 1549		1029 1029		

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
1313-333	PKS		13 13 20.09	13 16 8.04	20.0 *				1.21			C III 1909		384	1004	1004	384	1004rvar,847,	
R	OP 322		-33 23 10.5	-33 38 59.9								Mg II 2798					2056	1004fc, 1526vlbi	
1313+011			13 13 25.56	13 15 58.94	18.2				1.569					2183	2183			2183B(J)mag	
O			1 11 1.1	0 55 11.9															
1313-158			13 13 26.88	13 16 6.80	19.09				(0.740)	Mg II 2798				2155	2154			2154fc, 2155Jmag	
O			-15 52 51.0	-16 8 40.2															
1313+272			13 13 28.3	13 15 51.13	21.7				(2.26)	H I 1216				1029	1029				
O			27 13 38	26 57 48.8															
1313+178			13 13 29.6	13 15 56.53	20.3				1.95					2278	2278			2278uv	
R			17 52 34	17 36 44.9															
1313+422	NGC 5055		13 13 35	13 15 49.40	18.3				0.91					540	540			5.25 arcmin from anon gal, 15.5vgal,24.62 arcmin from NGC 5055,2118	
C	UB 1		42 17 48	42 1 59.0															
1313-016			13 13 35.29	13 16 9.72	17.7				0.406					2183	2183			2183B(J)mag	
O			-1 38 15.0	-1 54 4.0															
1313-153			13 13 40.5	13 16 20.22	20.7				2.736+	H I 1216				2155	2154		2154	2154fc, 2154Bmag	
O			-15 21 36	-15 37 24.9															
1313-018			13 13 49.79	13 16 24.32	18.2				0.15					2183	2183			2183B(J)mag	
O			-1 53 56.5	-2 9 45.2															
1313-154			13 13 53.53	13 16 33.29	19.74				2.604+	O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549			2155	2154		2154	2154fc, 2155Jmag		
O			-15 24 45.3	-15 40 33.9															
1313-157			13 13 55.02	13 16 34.90	20.00				1.459	C IV 1549 C III 1909			2155	2154				2154fc, 2155Jmag	
O			-15 42 12.6	-15 58 1.2															
1313+011	UM 556		13 13 57.04	13 16 30.44	18.1				2.393	H I 1216 C IV 1549			922	2183		922			
O			1 7 14.7	0 51 26.2															
1313+200			13 13 58.64	13 16 24.61	18.5				2.461*	H I 1216 2.4684 N V 1240 2.465 Si IV 1397 1.7900 O IV 1402 1.4305 C IV 1549 O III 1663 C III 1909		476 476 2049 2281	476 476 2049 2281		476 476 2049 2281		476 476 2049 2281		
R			20 2 52.5	19 47 4.0															
1314-157			13 14 4.6	13 16 44.50	20.1				1.812	C IV 1549 C III 1909			2155	2154				2154fc, 2154Bmag	
O			-15 42 47	-15 58 35.4															
1314-156			13 14 10.7	13 16 50.58					0.544	Mg II 2798			2155	2154				2154fc	
O			-15 39 34	-15 55 22.2															
1314-157			13 14 12.09	13 16 51.99	19.41				1.457+	C IV 1549 C III 1909			2155	2154		2154		2154fc, 2155Jmag	
O			-15 42 21.8	-15 58 10.0															
1314-001			13 14 14.07	13 16 47.95	18.1				1.746				2183	2183				2183B(J)mag	
O			-0 8 45.3	-0 24 33.4															
1314+274			13 14 19.1	13 16 41.71	20.7				2.24	H I 1216 C IV 1549			1029	1029					
O			27 26 25	27 10 37.0															
1314+012	UM 557		13 14 40.87	13 17 14.21	18.6				2.686+	H I 1216			922	2183		922		2183BAL	
O			1 16 1.2	1 0 13.7															
1314-158			13 14 42.97	13 17 22.98	20.36				2.140	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549			2155	2154				2154fc, 2155Jmag	
O			-15 52 13.3	-16 8 0.7															
1314+270			13 14 45.3	13 17 8.06	21.4				0.27	Mg II 2798			1029	1029					
O			27 0 30	26 44 42.6															

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1314-022		13 14 51.38	13 17 26.06	18.5			1.089			2183 2183					2183B(J)mag
O		-2 16 4.0	-2 31 51.2												
1314-025		13 14 53.86	13 17 28.65	18.8			1.435			2183 2183					2183B(J)mag
O		-2 32 13.1	-2 48 0.3												
1314-315	K08.03	13 14 57.0	13 17 44.24	18.2			3.10			2277 2277					
		-31 31 9	-31 46 56.1												
1315-140	R13.07	13 15 5.5	13 17 44.78	16.7 *			0.43			2277 2277					
		-14 1 9	-14 16 55.9												
1315-154		13 15 9.4	13 17 49.25	21.5			2.169	H I 1216 C IV 1549		2155 2154					2154fc, 2154Bmag
O		-15 24 4	-15 39 50.8												
1315+000		13 15 11.08	13 17 44.88	18.1			0.916			2183 2183					2183B(J)mag
O		0 2 56.5	-0 12 50.3												
1315+302	US 519	13 15 16.3	13 17 37.41	18.4 *	0.00	-.40	1.752	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1283 1116 1116 2110 1967					1283ubv
C	PB 3471	30 12 12	29 56 25.4												
	HS 200														
	CSO 865														
1315+346	OP 326	13 15 17.8	13 17 36.51	19			1.05	C IV 1549 C III 1909 Mg II 2798		113 443			1145 1167 2060		831sp, 1526vlbi
R	GV 172	34 41 3	34 25 16.4												
	B2														
1315+272		13 15 18.3	13 17 40.87	19.9			1.77	H I 1216 C IV 1549		1029 1029					
O		27 13 50	26 58 3.4												
1315+270		13 15 20.7	13 17 43.36	20.7			1.47	C IV 1549		1029 1029					
O		27 2 12	26 46 25.5												
1315+605	SBS 21	13 15 24	13 17 19.31	18			1.981	H I 1216 Si IV 1397 C IV 1549		1285 1285					
O		60 32 0	60 16 13.4												
1315+018		13 15 28.62	13 18 1.74	18.6			(0.538)			2183 2183					2183B(J)mag
O		1 50 8.8	1 34 22.5												
1315+014	UM 561	13 15 37.5	13 18 10.76	17			2.23	C IV 1549 He II 1640 C III 1909		922 2130 LBQS 2183					
O		1 27 26	1 11 39.9												
1315+016		13 15 41.94	13 18 15.12	18.0			0.689			2183 2183					2183B(J)mag
O		1 40 37.6	1 24 51.6												
1315+002		13 15 44.01	13 18 17.74	18.8			0.889			2183 2183					2183B(J)mag
O		0 14 0.2	-0 1 45.8												
1315+473	PC	13 15 52.2	13 18 2.17	18.01			2.592	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1546 1546					
O		47 22 16	47 6 30.2												
1315+271		13 15 56.8	13 18 19.30	18.9			2.20	H I 1216 C IV 1549 He II 1640		1029 1029					
O		27 11 51	26 56 5.4												
1316+003		13 16 6.51	13 18 40.18	17.9			0.491			2183 2183					2183B(J)mag
O		0 23 21.3	0 7 35.9												
1316+010		13 16 10.43	13 18 43.84	18.5			0.394			2183 2183					2183B(J)mag
O		1 3 18.3	0 47 33.0												
1316+272		13 16 24.1	13 18 46.52	20.9			(1.93)	H I 1216		1029 1029					
O		27 13 37	26 57 52.0												
1316+273		13 16 26.9	13 18 49.24	21.2			1.60	C IV 1549		1029 1029					
O		27 23 0	27 7 15.1												
1316+269		13 16 28.4	13 18 50.94	21.0			1.91	H I 1216 C IV 1549		1029 1029					
O		26 57 27	26 41 42.1												
1316+007		13 16 34.58	13 19 8.11	18.8			1.129			2183 2183					2183B(J)mag
O		0 44 29.5	0 28 44.8												

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1316-075		13 16 48.4 -7 34 43	13 19 25.19 -7 50 27.4	16.49			0.538			2280 2280					
1316+270 O		13 16 51.4 27 3 38	13 19 13.84 26 47 53.7	20.0			2.26	H I 1216 C IV 1549		1029 1029					
1317-005 R	PKS 4C 00.50	13 17 4.75 -0 33 56.2	13 19 38.79 -0 49 40.2	17.32	.52	-.62	0.892*	C III 1909 Mg II 2798 Ne V 3426 O II 3727	0.87	083 2183 083 436			128 083 789 2228 1111 1877		083ubv,551sp, 693fc, 1526vlbi 18.2B(J)mag,21
1317-017 O		13 17 15.81 -1 42 20.3	13 19 50.30 -1 58 4.0	17.3			0.225			2183 2183					2183B(J)mag
1317-122 X	IE	13 17 18 -12 13 0	13 19 56.69 -12 28 43.7	18.3			0.33			1696 1696 2174					10 arcsec from anon gal,16 vgal,1696,2118
1317+277 C	TON 153 US 572 CSO 873	13 17 34.24 27 43 52	13 19 56.25 27 28 8.7	15.98	.14	-.78	1.022	C III 1909 Mg II 2798		144 151 2110				560	704,1202pol, 850,853, 921rnd,921, 992ir,921phot, 958,2251sp, 958FeIIem, 1628,1941, 2061uv
1317+380 R	B3	13 17 36.2 38 3 7	13 19 52.44 37 47 23.7	18.6			0.835	Mg II 2798 O II 3727 NeIII 3869		1990 2270					
1317+520 R	4C 52.27 OP 530 LHE 340	13 17 41.13 52 3 51.6	13 19 46.18 51 48 8.4	17			1.055	C IV 1549 C III 1909 Mg II 2798		100 100 2251			534 1111 1145 1166		1202pol
1317-003 O		13 17 46.30 -0 18 44.7	13 20 20.25 -0 34 27.7	17.8			0.354			2183 2183					2183B(J)mag
1317+275 O		13 17 50.2 27 30 29	13 20 12.28 27 14 46.1	19.4			2.06 +	H I 1216 C IV 1549 He II 1640		1029 1029				1029	
1317-020 O		13 17 53.02 -2 4 30.3	13 20 27.66 -2 20 13.1	18.8			2.422			2183 2183					2183B(J)mag
1317-051 O		13 17 54.07 -5 7 51.9	13 20 29.93 -5 23 34.7	17.7	1.56	1.63	3.70			2063 2063					2063rmag
1318+010 O		13 18 4.10 1 0 23.1	13 20 37.53 0 44 40.5	18.6			1.101			2183 2183					2183B(J)mag
1318+473 O	PC	13 18 15.3 47 20 30	13 20 24.59 47 4 47.7	18.70			1.081	C III 1909 Mg II 2798		1546 1546					
1318-007 O		13 18 22.26 -0 42 3.4	13 20 56.36 -0 57 45.5	17.8			0.11			2183 2183					2183B(J)mag
1318+269 O		13 18 26.2 26 55 2	13 20 48.49 26 39 20.0	19.9			1.91	C IV 1549		1029 1029					
1318-113 O	POX 166	13 18 30.96 -11 23 49.7	13 21 9.38 -11 39 31.6	17.86	-.05	-.41	2.308	H I 1216 N V 1240 Si IV 1397 C IV 1549		409 409 931					1485ubv
1318-001 O		13 18 34.74 -0 6 31.4	13 21 8.61 -0 22 13.2	18.5			1.582			2183 2183					2183B(J)mag
1318+270 O		13 18 35.4 27 5 51	13 20 57.58 26 50 9.2	19.7			2.30	H I 1216 C IV 1549		1029 1029					
1318+025 O		13 18 39.47 2 30 12.5	13 21 12.30 2 14 30.8	18.8			1.650			2183 2183					2183B(J)mag
1318+269 O		13 18 46.6 26 55 30	13 21 8.84 26 39 48.5	18.9			1.97 +	H I 1216 C IV 1549		1029 1029				1029	

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1318+113	4C 11.45 R PKS OP 131 DA 342 MC 2	13 18 49.63 11 22 31.5	13 21 18.86 11 6 50.1	19.13*	.12	-.57	2.175*		H I 1216 1.8755 Si IV 1397 1.0541 O IV 1402 0.8388 C IV 1549 He II 1640 O III 1663 C III 1909		050	121 2049	506	128 462 789	2049 2263	121ubv, 2266imag,155, 343fc 1795rpol jet 2236sp of fuzz	
1318-018	O	13 18 53.27 -1 50 41.4	13 21 27.83 -2 6 22.7	18.7					2.010			2183	2183				2183B(J)mag
1318+290	TON 155 C PB 3520 X US 611 CSO 878	13 18 53.65 29 3 30.3	13 21 14.78 28 47 49.0	16.98	.12	-.90	1.703*		C IV 1549 C III 1909	1.6724 1.5158		144 2110	189			560 1635 2228 2263	704,1202pol, 1337ubv,1355, 1693,1941uv, 1018phot, 831sp,850, 853rnd,696, 912,1488x, 992ir 1902avg ph mag
1318+290	TON 156 C PB 3521 US 613 CSO 879	13 18 54.78 29 3 0.6	13 21 15.92 28 47 19.3	16.34*	.08	-.66	0.549		Mg II 2798 H I 4861			144 2110	189	753		560 1635	704,1202pol, 1337ubv,921, 1018phot,831, 1188,1420sp, 921ir,853, 921rnd,912xnd, 696x, 1420FeIIem, 1797elp, 1941uv 1902avg ph mag
1318+270	O	13 18 58.6 27 2 49	13 21 20.75 26 47 7.8	19.1					2.07 +	H I 1216 C IV 1549		1029	1029			1029	
1319-014	O	13 19 4.79 -1 24 13.5	13 21 39.18 -1 39 54.5	17.8					0.14			2183	2183				2183B(J)mag
1319+006	UM 569 O	13 19 6.0 0 39 38	13 21 39.56 0 23 57.0	16					1.617	C IV 1549 C III 1909		922	2130 LBQS 2183				
1319+388	NGC 5107 C UB 1	13 19 9 38 48 0	13 21 24.43 38 32 19.0	19.5					0.949			948	948				12.67 arcmin from NGC 5112, 0.67 arcmin from NGC 5107, 2118
1319-003	O	13 19 14.14 -0 19 35.6	13 21 48.10 -0 35 16.4	18.6					1.161			2183	2183				2183B(J)mag
1319+005	O	13 19 32.59 0 33 41.1	13 22 6.19 0 18 0.8	18.0					0.536			2183	2183				2183B(J)mag
1319-011	O	13 19 40.74 -1 6 55.9	13 22 15.01 -1 22 36.0	18.7					1.452			2183	2183				2183B(J)mag
1319+011	O	13 19 41.46 1 10 1.2	13 22 14.81 0 54 21.1	18.8					2.151			2183	2183				2183B(J)mag
1320-005	O	13 20 1.92 -0 33 32.2	13 22 35.97 -0 49 11.8	18.5					1.144			2183	2183				2183B(J)mag
1320-141	POX 174 O	13 20 6 -14 11 0	13 22 45.70 -14 26 39.5	19.5					2.486	H I 1216 C IV 1549		931	931				
1320-106	POX 175 O	13 20 18 -10 38 0	13 22 56.20 -10 53 39.2	19.5					3.110+	H I 1216 Si IV 1397 C IV 1549		931	931			931	1092ir
1320+008	O	13 20 41.01 0 48 30.9	13 23 14.51 0 32 52.3	18.2					1.955			2183	2183				2183B(J)mag
1320-001	O	13 20 49.90 -0 6 16.2	13 23 23.77 -0 21 54.6	18.2					1.388			2183	2183				2183B(J)mag
1320+010	O	13 20 59.64 1 3 29.6	13 23 33.03 0 47 51.5	18.1					1.777			2183	2183				2183B(J)mag

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC (1950)			DEC (2000)										Z	VAR	R	ABS	
1321+294 C	TON 157	13 21 0.3 29 25 44.8	13 23 20.92 29 10 6.7	16.83	.08	-.74	0.966	C III 1909 Mg II 2798					144 151 2251					704,1202pol, 850,853, 921rnd,921, 992ir,921phot	
1321-022 O		13 21 2.35 -2 13 15.8	13 23 37.09 -2 28 53.9	18.8			0.990						2183 2183					2183B(J)mag	
1321-017 O		13 21 18.27 -1 45 24.4	13 23 52.82 -2 1 2.1	17.7			0.224						2183 2183					2183B(J)mag	
1321+058		13 21 48.5 5 52 40	13 24 19.89 5 37 3.1	19.0			0.190						1860 1860					IRAS source 1860	
1321-095 O	POX 184	13 21 54 -9 35 0	13 24 31.83 -9 50 36.7	19.0			2.332	H I 1216 Si IV 1397 C IV 1549					931 931						
1322+659 C R	PG	13 22 8.5 65 57 25	13 23 49.56 65 41 48.2	15.86	.17	-.92	0.168	H I 4861					1117 1117			2011		1598ubv, 1598sp,2005ir, 2112x compan gal, 1788,2118	
1322-014 O		13 22 29.74 -1 28 53.5	13 25 4.18 -1 44 29.3	18.6			1.168						2183 2183					2183B(J)mag	
1322-295	K08.01	13 22 30.8 -29 34 53	13 25 18.22 -29 50 28.8	17.64			2.44						2277 2277						
1322+019 O		13 22 38.42 1 54 31.7	13 25 11.45 1 38 56.1	18.8			1.344						2183 2183					2183B(J)mag	
1322-020 O		13 22 53.21 -2 4 14.6	13 25 27.90 -2 19 49.8	18.5			0.573						2183 2183					2183B(J)mag	
1323+020 O		13 23 8.53 2 5 46.2	13 25 41.48 1 50 11.4	18.5			0.641						2183 2183					2183B(J)mag	
1323-107 O	POX 188	13 23 24 -10 42 0	13 26 2.39 -10 57 34.4	17.0			2.360	H I 1216 C IV 1549					931 931						
1323-028 O		13 23 40.11 -2 48 24.6	13 26 15.12 -3 3 58.6	17.4			2.121						2183 2183					2183B(J)mag	
1323+024 O		13 23 48.10 2 25 41.8	13 26 20.90 2 10 8.0	18.8			1.537						2183 2183					2183B(J)mag	
1323+655 R	4C 65.15	13 23 48.49 65 30 46.6	13 25 29.63 65 15 12.5	17.8			1.624*	C IV 1549 1.6101 He II 1640 1.5181 O III 1663 C III 1909 Mg II 2798				507 580 2049 2281				534 2049 1804 2263 1818 1891		1003sp 1795rpol jet	
1323-016 O		13 23 59.09 -1 38 59.0	13 26 33.62 -1 54 32.5	18.1			1.146						2183 2183					2183B(J)mag	
1324-022 O		13 24 3.34 -2 12 27.3	13 26 38.10 -2 28 0.6	18.5			1.886						2183 2183					2183B(J)mag	
1324+021 O		13 24 10.68 2 7 43.8	13 26 43.60 1 52 10.6	18.6			0.20						2183 2183					2183B(J)mag	
1324-011 O		13 24 31.53 -1 8 42.8	13 27 5.85 -1 24 15.4	18.2			0.17						2183 2183					2183B(J)mag	
1324-014 O		13 24 35.12 -1 25 5.4	13 27 9.55 -1 40 37.9	18.4			1.488						2183 2183					2183B(J)mag	
1324+014 O		13 24 37.89 1 25 43.2	13 27 11.11 1 10 10.8	18.7			0.970						2183 2183					2183B(J)mag	
1324+006 O		13 24 39.30 0 39 47.6	13 27 12.84 0 24 15.2	18.2			1.061						2183 2183					2183B(J)mag	
1324+014 O		13 24 50.82 1 26 57.1	13 27 24.03 1 11 25.0	18.1			0.864						2183 2183					2183B(J)mag	



TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
									ID	Z	VAR	R	ABS
1325+004 O	13 25 16.81 0 27 29.1	13 27 50.44 0 11 57.7	18.7			2.540			2183	2183			2183B(J)mag
1325-289 O	13 25 31.2 -28 56 26	13 28 18.72 -29 11 57.0	18.5	.20		1.412			1799	1799			75.5 arcmin from NGC 5236, 1799,2118
1325-006 O	13 25 37.25 -0 38 11.6	13 28 11.35 -0 53 42.4	18.6			0.957			2183	2183			2183B(J)mag
1325+021 O	13 25 38.08 2 7 54.9	13 28 10.99 1 52 24.1	18.6			1.464			2183	2183			2183B(J)mag
1325-298 O	13 25 47.0 -29 49 28	13 28 35.07 -30 4 58.6	19.1	.40		1.963			1799	1799			69.17 arcmin from NGC 5236, 1799,2118
1325-012 O	13 25 59.78 -1 13 47.2	13 28 34.14 -1 29 17.4	16.6			0.15			2183	2183			2183B(J)mag
1326+021 O	UM 579 13 26 10.5 2 6 48	13 28 43.41 1 51 18.1	17			1.43	C III 1909 Mg II 2798		922	2130 LBQS 2183			
1326-028 O	13 26 14.93 -2 49 21.1	13 28 49.99 -3 4 50.9	18.7			1.406			2183	2183			2183B(J)mag
1326-029 O	13 26 20.86 -2 57 2.5	13 28 55.97 -3 12 32.2	18.1			0.743			2183	2183			2183B(J)mag
1326-052	13 26 52.5 -5 16 7	13 29 28.64 -5 31 35.8	15.59			0.580			2280	2280			
1327+009 O	13 27 10.92 0 55 34.1	13 29 44.34 0 40 5.8	18.3			2.299			2183	2183			2183B(J)mag
1327-214 R	PKS OP 246 13 27 23.36 -21 26 33.8	13 30 7.11 -21 42 1.7	16.62*	-.02	-.55	0.528	Mg II 2798 Ne V 2974 Ne V 3345 Ne V 3426 O II 3727 Ne III 3869 H I 4102 H I 4340 O III 4363		191	101	190 128 745 775 1591 2056		056,190, 1485ubv,886ir, 761,1188, 1304sp, 1526vlbi, 2145imag
1327-206 R	PKS 13 27 24.44 -20 40 49.1	13 30 7.80 -20 56 17.0	17.04	.63	-.69	1.169*	C III 1909 C II 2326 Mg II 2798	0.8534 0.8528 0.0175 0.0000	421	1304 418	2056	1143 1734 2075 2228 2263	761,1143sp, 1143fc, 1485ubv, 1641imag, 1851absr, 2174varnd 38 arcsec from ESO 1327-2041, 0.0182zgal, 1143,1641,1650 2118,2248
1327-311 R	PKS 13 27 29.6 -31 7 46	13 30 18.71 -31 23 13.7	17.4			1.335	C III 1909 Mg II 2798 Ar IV 2854 Ar IV 2869 Mg V 2931		494	1304 500		384 2056	1004fc,761sp, 1526vlbi
1327+113 O	13 27 34.41 11 21 42.1	13 30 3.17 11 6 14.5	18.2			2.919+	O VI 1034 H I 1216 C IV 1549		1440	1440		1440	
1328+023 O	13 28 15.65 2 23 18.4	13 30 48.42 2 7 51.9	18.7			2.154			2183	2183			2183B(J)mag

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1328+254	3CR 287 R 4C 25.43 X NRAO 424 OP 247 PKS DA 345	13 28 15.93 25 24 37.4	13 30 37.70 25 9 10.9	17.67	.63	-.65	1.055	C IV 1549 C III 1909 Mg II 2798		136 012			128 462 801 1393 1544 1891 2013 2015 2056		066,136ubv, 1201,2103pol, 750pos,1107x, 1336rvar, 1526vlbi, 1805mm,158, 182,521fc
1328+007	O	13 28 18.89 0 47 45.7	13 30 52.37 0 32 19.3	18.4			1.446			2183 2183					2183B(J)mag
1328-263	PKS R	13 28 25.3 -26 23 49	13 31 11.81 -26 39 15.2	17.59	.42	-.66	(0.883)	Mg II 2798		433 432			432 2056		1485ubv
1328+315	E X	13 28 33 31 35 13	13 30 51.18 31 19 46.9	18.0	.10		0.241	H I 4861 O III 5007		1417 1417					1417x,1910sp
1328+307	3CR 286 R 4C 30.26 X NRAO 425 OP 348 B2 DA 346 CTA 60	13 28 49.67 30 45 58.6	13 31 8.30 30 30 33.0	17.25	.26	-.91	0.849*	C III 1909 Mg II 2798 Mg II 2804 Ne V 3345 Ne V 3426	0.6924	067 154			128 195 462 196 490 489 801 743 816 2228 833 2263 834 882 1148 1393 1544 1557 1721 1804 1891 1996 2000 2013 2092		066,067ubv, 071,1201, 2103pol,195, 1108absr, 1336rvar, 749pos,1060, 1526vlbi,1107, 1980x,113,161, 295fc,324, 335sp,1789, 1805mm, 2161rpol
1328-034	PKS R	13 28 53.90 -3 25 48.6	13 31 29.27 -3 41 14.0	19.18			1.352	C IV 1549 C III 1909 C II 2326		026 436			351 1527		
1328-173	O	13 28 54.3 -17 21 0	13 31 36.14 -17 36 25.4	18.6	.90		0.329			1799 1799					29.33 arcmin from NGC 5170, 1799,2118
1328+020	O	13 28 58.67 2 5 12.4	13 31 31.57 1 49 47.1	18.1			0.692			2183 2183					2183B(J)mag
1329-287	O	13 29 4.3 -28 47 59	13 31 52.27 -29 3 24.1	19.0	.20		2.089			1799 1799					52.33 arcmin from NGC 5236, 1799,2118
1329+027	O	13 29 25.20 2 42 6.4	13 31 57.82 2 26 41.8	17.8			1.583			2183 2183					2183B(J)mag
1329-049	PKS R OP 050	13 29 29.5 -4 54 12	13 32 5.54 -5 9 36.4	18.5			2.15	C IV 1549 C III 1909		522 2151			522		011fc
1329+025	O	13 29 29.80 2 31 17.5	13 32 2.50 2 15 53.1	18.8			2.434			2183 2183					2183B(J)mag
1329+412	PG C R	13 29 29.9 41 17 23	13 31 41.19 41 1 58.5	16.30			1.937*	Si IV 1397 O IV 1402 C IV 1549 C III 1909 1.4716 0.5009	1.9405 1.8401 1.8359 1.6010	1117 1872 1117 2281			2011 1872 1873 2228 2263		1598sp,1729, 2005ir,2112x faint gals near,1260,2118
1329+003	O	13 29 41.34 0 18 17.4	13 32 15.03 0 2 53.3	18.2			2.352			2183 2183					2183B(J)mag
1329-018	O	13 29 48.70 -1 51 0.8	13 32 23.37 -2 6 24.7	18.6			0.370			2183 2183					
1330-010	O	13 30 13.65 -1 5 56.1	13 32 47.98 -1 21 19.3	18.7			1.898			2183 2183					2183B(J)mag

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)			DEC (2000)									ID	Z	VAR	R	
1330+011 O		13 30 21.15 1 8 14.0	13 32 54.46 0 52 51.0	18.2	1.02	.99	3.51						2063	2063			2063rmag	
1330+129	H1340+007	13 30 28.50 12 54 54.1	13 32 56.37 12 39 31.3				2.273	H I C IV	1216 1549				2279	2279				
1330-019 O		13 30 44.79 -1 56 53.6	13 33 19.51 -2 12 15.9	18.8			0.889						2183	2183			2183B(J)mag	
1330+012 O		13 30 48.60 1 13 47.8	13 33 21.87 0 58 25.6	18.1			1.511						2183	2183			2183B(J)mag	
1331+170 R X	MC 3 PB 3977 OP 151	13 31 10.1 17 4 25	13 33 35.89 16 49 3.4	16.71	.13	-.84	2.084*	H I N V O I Si IV O IV C IV C III	1216 1240 1.7852 1304 1.7755 1397 1.4462 1402 1.3273 1549 0.9539 1909 0.7443 -.0001	2.0504 0.7852 1.7755 1.4462 1.3273 0.9539 0.7443	020 1872 020 569 2281	1170 197 1395 198 1818 1000 1637 1747 1872 1873 1969 2116 2228 2263	197 198 1000 1138, 1242,2224sp, 554,1108absr, 197,343fc, 1485ubv, 1526vlbi, 1983ir damped Ly alpha,z=	1202pol,1628, 1941uv,912, 1980x,582, 1000,1138, 1242,2224sp, 554,1108absr, 197,343fc, 1485ubv, 1526vlbi, 1983ir damped Ly alpha,z=	1.7755,198			
1331+025 R	PKS	13 31 17.7 2 34 0.1	13 33 50.35 2 18 38.7	18.85	.19	-.85	1.228	C IV He II C III	1549 1640 1909				026	436		351	436ubv, 2183pos 22.88 arcmin from 3C 287.1, 2118	
1331+277 C	RS 13	13 31 29.83 27 45 33	13 33 49.85 27 30 11.9	17.94	.47	-.71	1.287	C III C II Mg II	1909 2326 2798				199	018			062,199ubv, 853rnd	
1331-011 O	UM 587	13 31 53.66 -1 8 29.0	13 34 28.02 -1 23 49.3	17.9			1.883+	H I O IV	1216 1402				922	2183 922			2183BAL	
1331+267 O		13 31 57.9 26 45 46	13 34 18.43 26 30 25.7	19.5			1.102	C IV C III Mg II	1549 1909 2798				2052	2052				
1331+281 O		13 31 58.3 28 8 41	13 34 18.02 27 53 20.7	19.8			0.993	C III Mg II	1909 2798				2052	2052				
1331-013 O		13 31 58.73 -1 23 5.6	13 34 33.20 -1 38 25.8	18.3			0.289						2183	2183			2183B(J)mag	
1332+375 X	E	13 32 4.0 37 30 51	13 34 17.59 37 15 30.9	18.2			0.438	H I O III	4861 5007				1417	1417			1417x	
1332+280 O		13 32 11.4 28 2 1	13 34 31.16 27 46 41.1	20.3			1.706	H I C IV C III	1216 1549 1909				2052	2052				
1332+552 R	4C 55.27 OP 554 LB 685	13 32 15.83 55 16 45.6	13 34 11.65 55 1 25.6	16 *			1.250*	C IV C III Mg II Mg II	1549 1909 0.374 2798 2804	1.208 0.374	133 2281	460 1201 133 2281	775 460 1725 2228 2263	460 1725 2228 2263	1202pol,334sp, 2174varnd 5 arcsec from gal A,14.6 arcsec from gal B,0.373 zgals,1725, 2118,2262			
1332+266 O		13 32 16.9 26 40 16	13 34 37.44 26 24 56.3	20.2			2.083	H I C IV	1216 1549				1903	2033				
1332+282 O		13 32 17.0 28 16 57	13 34 36.60 28 1 37.3	20.0			2.958	H I C IV	1216 1549				1903	2033				
1332+275 O		13 32 18.2 27 34 18	13 34 38.21 27 18 58.3	19.6			0.618	Mg II	2798				1903	2033				
1332+275 O		13 32 23.9 27 34 14	13 34 43.90 27 18 54.5	19.2			1.866	H I C IV C III	1216 1549 1909				1903	2033				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)			DEC (2000)									ID	Z	VAR	R	
1332+276	O	13 32 27.8			13 34 47.74			19.7			1.251	C IV 1549 C III 1909 Mg II 2798		1903	2033			
1332+274	O	13 32 43.2			13 35 3.20			20.1			1.515	C IV 1549 C III 1909 Mg II 2798		1903	2033			
1332+270	O	13 32 45.1			13 35 5.36			19.8			1.322	C IV 1549 C III 1909 Mg II 2798		1903	2033			
1332+269	O	13 32 47.7			13 35 8.02			19.6			0.938	C III 1909 Mg II 2798		1903	2033			
1332+273	O	13 32 47.9			13 35 7.98			20.4			0.962	C III 1909 Mg II 2798		1903	2033			
1332+279	O	13 32 50.1			13 35 9.83			18.7			1.731	H I 1216 C IV 1549 C III 1909 Mg II 2798		1903	2033			
1332+261	O	13 32 50.6			13 35 11.34			18.6			2.503*	H I 1216 2.498 Si IV 1397 O IV 1402 C IV 1549	2052	2052			2052 2263	
1332-007	O	13 32 51.79			13 35 25.97			17.4			0.671			2183	2183			2183B(J)mag
1332+277	O	13 32 51.9			13 35 11.73			18.8			2.079	H I 1216 C IV 1549 C III 1909		1903	2033			
1332+282	O	13 32 52.3			13 35 11.86			19.4			2.425	H I 1216 C IV 1549 C III 1909		1903	2033			
1332+269	O	13 32 54.0			13 35 14.28			19.5			1.784	H I 1216 C IV 1549 C III 1909		1903	2033			
1332-019	O	13 32 54.35			13 35 29.11			17.5			0.11			2183	2183			2183B(J)mag
1333+265	O	13 33 0.6			13 35 21.12			19.5			2.585	H I 1216 C IV 1549		1903	2033			
1333+015	O	13 33 1.71			13 35 34.82			17.9			1.577+			2183	2183		2183	2183B(J)mag
1333+270	O	13 33 1.9			13 35 22.10			19.7			1.556	C IV 1549 C III 1909		1903	2033			
1333+283	O	13 33 4.2			13 35 23.62			19.6			0.904	C III 1909 Mg II 2798		1903	2033			
1333+275	O	13 33 4.4			13 35 24.32			19.9			0.878	C III 1909 Mg II 2798		1903	2033			
1333+260	O	13 33 10.5			13 35 31.27			19.2			1.182	C IV 1549 C III 1909 Mg II 2798		2052	2052			
1333+260	O	13 33 13.6			13 35 34.37			19.3			1.179	C IV 1549 C III 1909 Mg II 2798		2052	2052			
1333+276	O	13 33 15.5			13 35 35.33			20.1			2.348	H I 1216 C IV 1549		1903	2033			
1333-298	O	13 33 15.7			13 36 4.96			18.9	.50		1.906			1799	1799			12.5 arcmin from NGC 5236, 1799,2118

TABLE 1—Continued

OTHER NAMES		RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)			DEC (2000)									ID	Z	VAR	R	
1333+459	S4 R GC	13 33 15.73 45 57 56.4	13 35 21.99 45 42 38.3	18.5			2.450	O VI 1034 H I 1216 C IV 1549 He II 1640				510	1443		1521 2139 2162	1526vlbi		
1333+276	O	13 33 16.2 27 36 36	13 35 36.06 27 21 18.0	19.0			0.783	C III 1909 Mg II 2798				1903	2033					
1333+260	O	13 33 18.7 26 4 26	13 35 39.45 25 49 8.1	18.3			0.414	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4102 H I 4340				2052	2052					
1333+283	O	13 33 20.3 28 20 19	13 35 39.71 28 5 1.1	19.6			1.095	C IV 1549 C III 1909 Mg II 2798				2052	2052					
1333+283	O	13 33 26.8 28 21 4	13 35 46.19 28 5 46.3	19.2			2.96	H I 1216 C IV 1549 C III 1909				1903	2033					
1333+277	O	13 33 28.5 27 43 48	13 35 48.26 27 28 30.4	19.9			1.331	C IV 1549 C III 1909 Mg II 2798				1903	2033					
1333+262	O	13 33 29.9 26 17 59	13 35 50.49 26 2 41.4	20.3			1.899	H I 1216 C IV 1549 C III 1909				1903	2033					
1333+265	O	13 33 30.4 26 33 12	13 35 50.85 26 17 54.4	17.8			1.651	C IV 1549 C III 1909				2052	2052					
1333+281	O	13 33 34.8 28 8 36	13 35 54.30 27 53 18.5	19.2			1.886+	H I 1216 C IV 1549 C III 1909				1903	2033			2033BAL		
1333+176	PG C PB 4007 X R	13 33 36.7 17 40 31	13 36 1.98 17 25 13.6	15.64			0.554	Mg II 2798 O II 3727				1117	1117		2011	1487,1980, 2112x,1598sp, 1688imag,1729, 2005ir 13.4 arcmin from E-SO gal, 0.0227zgal, 16.8 arcmin from SO gal, 0.0231zgal, 1650,2118; faint gals near,2118		
1333+267	O	13 33 39.7 26 43 45	13 36 0.02 26 28 27.7	19.7			1.936	H I 1216 C IV 1549 C III 1909				1903	2033					
1333+262	O	13 33 42.0 26 17 47	13 36 2.57 26 2 29.8	20.4			1.926	H I 1216 C IV 1549				1903	2033					
1333+035	1E X	13 33 42 3 34 0	13 36 14.16 3 18 42.8	17.98			0.85					1696	1696			41 arcsec from ZWG 1333.8+ 0335,0.024zgal 14.9vgal,1696, 2118		
1333+277	O	13 33 43.1 27 43 4	13 36 2.83 27 27 46.8	19.4			1.116	C IV 1549 C III 1909				1903	2033					
1333+284	O	13 33 46.6 28 28 36	13 36 5.87 28 13 18.9	18.8			2.388	H I 1216 C IV 1549				1903	2052					
1333+016	O	13 33 48.16 1 37 38.8	13 36 21.23 1 22 21.8	18.3			0.896					2183	2183			2183B(J)mag		
1333+274	O	13 33 51.6 27 25 25	13 36 11.49 27 10 8.0	17.7			2.425	H I 1216 C IV 1549 C III 1909				1903	2033					

TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
	ID	Z	VAR	R	ABS										
1333+278 O		13 33 52.0 27 52 59	13 36 11.61 27 37 42.1	17.9				0.264	Mg II 2798		1903	2033			brighter of pair 5 arcsec apart, 2033
1333+272 O		13 33 52.3 27 15 51	13 36 12.28 27 0 34.1	20.4				0.56	Mg II 2798		1903	2033			
1333+286 C	RS 23	13 33 54.2 28 40 15.9	13 36 13.33 28 24 59.0	18.74		.19	-1.05	1.908*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909	1.873 1.6327	199 073 199 200			073 1110 1512 1711 1756 2228 2263	199ubv,1208, 1514BAL,853, 1213,1586rnd, 912xnd z(abs) 1.889- 1.832,1512
1333+283 O		13 33 57.3 28 20 6	13 36 16.63 28 4 49.2	19.0				0.271	Mg II 2798		1903	2033			
1333+270 O		13 33 59.9 27 2 54	13 36 19.99 26 47 37.3	19.0				1.068	C III 1909 Mg II 2798		1903	2052 2033			
1334+268 O		13 34 2.4 26 52 24	13 36 22.59 26 37 7.4	20.5				0.851	C III 1909 Mg II 2798		1903	2033			
1334+273 O		13 34 3.2 27 22 32	13 36 23.09 27 7 15.4	20.0				1.931	H I 1216 C IV 1549 C III 1909		1903	2033			
1334+271 O		13 34 4.8 27 6 18	13 36 24.85 26 51 1.4	20.8				(2.3)			1903	1903			
1334-005 O	UM 590	13 34 13.03 -0 33 41.2	13 36 47.13 -0 48 57.5	17.4				2.783	O VI 1034 H I 1216 Si IV 1397 O IV 1402 C IV 1549		922	2183 922		1747	1468sp
1334+022 O		13 34 13.78 2 12 58.2	13 36 46.57 1 57 41.9	17.8				2.384			2183	2183			2183B(J)mag
1334-000 O		13 34 15.21 -0 5 41.3	13 36 49.09 -0 20 57.5	18.1				0.298			2183	2183			2183B(J)mag
1334+271 O		13 34 23.2 27 7 35	13 36 43.19 26 52 19.0	20.3				2.759	H I 1216 C III 1909 Mg II 2798		1903	2033			
1334+274 O		13 34 23.8 27 26 12	13 36 43.60 27 10 56.0	19.4				1.440	C IV 1549 C III 1909		1903	2033			
1334+277 O		13 34 24.0 27 45 6	13 36 43.62 27 29 50.0	19.5				(0.78)	C III 1909 Mg II 2798		1903	2033			
1334+276 O		13 34 30.4 27 36 4	13 36 50.09 27 20 48.2	19.4				1.95	H I 1216 C IV 1549		1903	2033			
1334+263 O		13 34 34.8 26 22 22	13 36 55.21 26 7 6.3	17.6				0.164	Mg II 2798		1903	2033			two galaxies nearby, 2033
1334+276 O		13 34 37.3 27 40 55	13 36 56.93 27 25 39.4	18.6				1.360	C IV 1549 C III 1909 Mg II 2798		1903	2033			
1334-025 O		13 34 37.79 -2 32 38.5	13 37 12.83 -2 47 54.0	17.6				0.723			2183	2183			2183B(J)mag
1334+274 O		13 34 41.2 27 28 34	13 37 0.94 27 13 18.5	19.7				2.074	H I 1216 C IV 1549 C III 1909		1903	2033			
1334+119 R	MC 2	13 34 41.28 11 55 27.9	13 37 9.38 11 40 12.4	17.22		.99	-.16	(1.76)	C IV 1549 C III 1909		020	020		1818 1891	343fc,1485ubv
1334+262 O		13 34 41.7 26 14 33	13 37 2.17 25 59 17.5	18.6				1.876+	H I 1216 C IV 1549 C III 1909		1903	2033			2033BAL
1334+267 O		13 34 43.1 26 42 46	13 37 3.29 26 27 30.6	20.3				(0.97)	C III 1909 Mg II 2798		1903	2033			

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
1334+268 O		13 34 43.3 26 51 19	13 37 3.41 26 36 3.6	20.0					1.770	H I 1216 C IV 1549 C III 1909		1903	2033			
1334+271 O		13 34 45.6 27 7 47	13 37 5.54 26 52 31.6	19.4					1.549	C IV 1549 C III 1909 Mg II 2798		1903	2033			
1334+008 O		13 34 49.18 0 53 26.7	13 37 22.59 0 38 11.5	18.3					0.647			2183	2183			2183B(J)mag
1334+012 O		13 34 53.24 1 13 43.9	13 37 26.49 0 58 28.8	18.3					0.330			2183	2183			2183B(J)mag
1334+274 O		13 34 54.4 27 28 1	13 37 14.12 27 12 45.9	19.2					1.909	H I 1216 C IV 1549 C III 1909		1903	2033			
1334+265 O		13 34 55.4 26 35 18	13 37 15.64 26 20 2.9	20.1					2.255	H I 1216 C IV 1549 C III 1909		1903	2033			
1334+283 O		13 34 55.8 28 18 16	13 37 15.01 28 3 0.9	20.3					1.23	C IV 1549 C III 1909		1903	2033			
1334+246		13 34 57.37 24 38 18.5	13 37 18.74 24 23 3.5	15					0.107	O III 5007 He I 5876 H I 6563		1647	1647	1647		1863irpol, 2077imag, 2097ir, 2288neml, 2288FeIIem detected at 1.3mm,1736; IRAS source, 1860
1334+272 O		13 34 57.8 27 16 19	13 37 17.63 27 1 4.0	19.1					0.637	Mg II 2798		1903	2033			
1334-127 R X	PKS	13 34 59.84 -12 42 10.0	13 37 39.82 -12 57 24.9	17.2 *					(0.541)	Mg II 2798		1304	1800	1721 2056		761sp, 1141rvar,1141, 1800,2103pol, 1241x,1810pos
1335+284 O		13 35 0.9 28 24 41	13 37 20.03 28 9 26.1	19.7					0.46	Mg II 2798		1903	2033			
1335-026 O		13 35 1.54 -2 41 54.6	13 37 36.66 -2 57 9.4	18.1					0.608			2183	2183			2183B(J)mag
1335+278 O		13 35 6.7 27 51 53	13 37 26.15 27 36 38.3	19.2					1.121	C IV 1549 C III 1909 Mg II 2798		1903	2033			
1335+023 R	PKS	13 35 6.94 2 22 12.5	13 37 39.65 2 6 57.8	17.73	.51	-.85			1.356	C IV 1549 C III 1909 Mg II 2798		083	436 500 2183			761,1304sp, 1485ubv,026, 028fc, 2183neml 18.4B(J)mag,21
1335+274 O		13 35 7.6 27 28 43	13 37 27.28 27 13 28.3	20.6					3.06	H I 1216 C IV 1549		1903	2033			
1335+268 O		13 35 13.3 26 51 8	13 37 33.34 26 35 53.5	19.8					1.096	C IV 1549 C III 1909 Mg II 2798		1903	2033			
1335+262 O		13 35 14.1 26 15 27	13 37 34.49 26 0 12.5	18.6					0.394	Mg II 2798		1903	2033 2052			
1335+273 O		13 35 15.9 27 18 26	13 37 35.66 27 3 11.5	20.3					1.762	H I 1216 C IV 1549 C III 1909		1903	2033			
1335+005 C	QNA1:04	13 35 16.3 0 32 7.2	13 37 49.88 0 16 52.8	20.67				-.86	(0.336)	O II 3727 H I 4861 O III 5007		1878	1878 2058			1878Bmag, 2058neml

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES	
1335+284 O		13 35 19.0 28 29 2	13 37 38.04 28 13 47.6	20.0			1.865	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		2052	2052		
1335+266 O		13 35 19.9 26 41 6	13 37 40.03 26 25 51.7	19.3			1.779	H I 1216 C IV 1549 C III 1909		1903	2033		
1335+283 O		13 35 20.1 28 19 59	13 37 39.23 28 4 44.7	20.2			1.124	C III 1909 Mg II 2798		1903	2033		
1335+262 O		13 35 20.6 26 17 3	13 37 40.96 26 1 48.7	20.4			1.982	H I 1216 C IV 1549 C III 1909		1903	2033		
1335+272 O		13 35 24.8 27 16 46	13 37 44.56 27 1 31.8	18.8			1.928	H I 1216 C IV 1549 C III 1909		1903	2033		
1335+283 O		13 35 30.2 28 19 18	13 37 49.31 28 4 4.0	19.2			1.321	C IV 1549 C III 1909 Mg II 2798		1903	2033		
1335-061 R	MSH 13-011 4C 06.35 PKS OP 059	13 35 31.20 -6 11 56.7	13 38 8.01 -6 27 10.6	17.68	.14	-.66	0.625	Mg II 2798 NeIII 3869		136	101	128 775 1111 1888	008ubv,057, 182fc
1335-143 R14.09		13 35 33.4 -14 21 25	13 38 14.25 -14 36 38.9	18.7 *			1.92			2277	2277		
1335+284 O		13 35 35.4 28 24 59	13 37 54.44 28 9 45.1	18.9			1.593	C IV 1549 C III 1909 Mg II 2798		1903	2033		
1335+278 O		13 35 35.5 27 53 8	13 37 54.87 27 37 54.1	20.1			2.362	H I 1216 C IV 1549 C III 1909		1903	2033		
1335+271 O		13 35 38.5 27 6 44	13 37 58.33 26 51 30.2	20.0			1.291	C IV 1549 C III 1909 Mg II 2798		1903	2033		
1335+275 O		13 35 40.5 27 35 38	13 38 0.03 27 20 24.3	20.3			2.165	H I 1216 C IV 1549 C III 1909		1903	2033		fainter of pair,1903
1335+280 O		13 35 45.4 28 3 46	13 38 4.64 27 48 32.4	19.7			0.814	C III 1909 Mg II 2798		1903	2033		
1335+283 O		13 35 48.4 28 20 23	13 38 7.46 28 5 9.5	20.4			1.086	C IV 1549 C III 1909 Mg II 2798		1903	2033		
1335+005 C	QNA1:28	13 35 49.5 0 31 25.1	13 38 23.08 0 16 11.7	18.96		-1.19	2.153	H I 1216 N V 1240 Si IV 1397 C IV 1549		1878	1878 2058		1878Bmag
1335+005 C	QNA1:35	13 35 54.8 0 32 45.5	13 38 28.37 0 17 32.3	20.07		-1.37	1.014	C III 1909 Mg II 2798		1878	1878 2058		1878Bmag
1336+264 C	RS 32	13 36 2.98 26 29 5.5	13 38 23.13 26 13 52.4	18.91	.94	-1.37	0.341	Mg II 2798 Ne V 3426 O III 5007		199	073		199ubv,853rnd
1336+264 O		13 36 3.0 26 29 9	13 38 23.15 26 13 55.9	18.2			0.969	C III 1909 Mg II 2798		1903	2033		
1336+006 C	QNA1:30	13 36 6.3 0 38 45.5	13 38 39.82 0 23 32.6	21.09		-1.60	2.103	H I 1216 N V 1240 Si IV 1397 C IV 1549		1878	1878 2058		1878Bmag
1336+283 O		13 36 10.5 28 18 10	13 38 29.53 28 2 57.2	19.8			1.116	C IV 1549 C III 1909 Mg II 2798		1903	2033		



TABLE 1—Continued

	OTHER NAMES	RA (1950)	RA (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS	
1336+268 O		13 36 10.8 26 53 38	13 38 30.69 26 38 25.2	17.7			1.088	C III 1909 Mg II 2798		1903 2033				
1336+021 O		13 36 11.67 2 10 16.9	13 38 44.46 1 55 4.2	18.3			1.962			2183 2183				2183B(J)mag
1336+255 O		13 36 12.4 25 31 54	13 38 33.10 25 16 41.2	18.7			0.507	Mg II 2798		1903 2033				
1336+270 O		13 36 13.4 27 3 6	13 38 33.19 26 47 53.2	18.3			2.195	H I 1216 C IV 1549 C III 1909		1903 2033				westernmost of pair,1903
1336+277 O		13 36 14.4 27 45 14	13 38 33.76 27 30 1.3	19.6			0.342	Mg II 2798		1903 2033				
1336+255 O		13 36 17.2 25 31 56	13 38 37.88 25 16 43.4	20.4			1.88	H I 1216 C IV 1549 C III 1909		1903 2033				
1336+266 O		13 36 23.2 26 40 16	13 38 43.19 26 25 3.5	19.6			(1.26)	C IV 1549 C III 1909 Mg II 2798		1903 2033				
1336+007 C	QNA1:18	13 36 23.4 0 42 31.0	13 38 56.89 0 27 18.6	19.60	-1.30		1.940	N V 1240 Si IV 1397 C IV 1549		1878 1878 2058				1878Bmag
1336+281 O		13 36 25.4 28 10 17	13 38 44.48 27 55 4.6	20.2			0.50	Mg II 2798		1903 2033				
1336+004 C	QNA1:21	13 36 25.5 0 26 42.5	13 38 59.12 0 11 30.2	20.17	-0.82		1.648	C IV 1549 C III 1909		1878 1878 2058				1878Bmag
1336+263 O		13 36 25.6 26 18 30	13 38 45.81 26 3 17.6	20.1			1.324	C IV 1549 C III 1909 Mg II 2798		1903 2033				
1336+280 O		13 36 30.2 28 4 25	13 38 49.32 27 49 12.7	20.4			1.31	C IV 1549 C III 1909 Mg II 2798		1903 2033				
1336+004 C	QNA1:25	13 36 30.4 0 24 57.2	13 39 4.03 0 9 45.0	21.03	-0.79		2.242	H I 1216 C IV 1549		1878 1878 2058				1878Bmag
1336+006 C	QNA1:20	13 36 30.8 0 37 34.1	13 39 4.33 0 22 21.9	18.80	-1.03		1.152	C III 1909 Mg II 2798		1878 1878 2058				1878Bmag
1336+004 C	QNA1:27	13 36 31.2 0 25 23.5	13 39 4.83 0 10 11.3	19.97	-1.64		1.050	C III 1909 Mg II 2798		1878 1878 2058				1878Bmag
1336+001 C	QNA1:44	13 36 33.0 0 10 48.2	13 39 6.75 -0 4 23.9	19.70	-0.85		1.062	C III 1909		1878 2058				1878Bmag
1336+274 O		13 36 34.5 27 29 16	13 38 53.97 27 14 3.9	19.9			1.376	C IV 1549 C III 1909 Mg II 2798		1903 2033				
1336+135 O	H1340+008	13 36 34.71 13 35 30.9	13 39 1.86 13 20 18.8	18.5			2.445*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.41	1227 1479 1227 2279			1227 1208,1227, 2263 2279BAL	
1336+274 O		13 36 36.4 27 28 19	13 38 55.88 27 13 6.9	20.0			0.486	Mg II 2798		1903 2033				
1336+268 O		13 36 36.5 26 48 58	13 38 56.38 26 33 45.9	19.6			1.868	H I 1216 C IV 1549		1903 2033				
1336+280 O		13 36 36.8 28 3 49	13 38 55.92 27 48 36.9	18.6			1.325	C IV 1549 C III 1909 Mg II 2798		1903 2033				fainter of pair,1903
1336+274 O		13 36 38.4 27 27 3	13 38 57.89 27 11 51.0	20.2			1.922	H I 1216 C IV 1549 C III 1909		1903 2033				

TABLE 1—Continued

	OTHER NAMES	RA		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R	
1336+277 O		13 36 39.9 27 42 11	13 38 59.23 27 26 59.0	19.0			1.788	H I 1216 C IV 1549 C III 1909		1903	2033			
1336+266 O		13 36 40.5 26 41 22	13 39 0.45 26 26 10.1	19.7			0.240	Mg II 2798		1903	2033			
1336+255 O		13 36 40.9 25 34 19	13 39 1.51 25 19 7.1	18.8			2.242	H I 1216 Si IV 1397 O IV 1402 C IV 1549		2052	2052			
1336+284 O		13 36 42.3 28 29 36	13 39 1.14 28 14 24.1	19.3			2.513	H I 1216 C IV 1549 C III 1909 Mg II 2798		1903	2033			
1336+278 O		13 36 43.1 27 51 55	13 39 2.32 27 36 43.1	19.4			2.530	H I 1216 C IV 1549 C III 1909		1903	2033			
1336+283 O		13 36 47.8 28 23 41	13 39 6.68 28 8 29.3	19.7			1.124	C IV 1549 C III 1909 Mg II 2798		1903	2033		fainter of pair 5 arcsec apart, 2033	
1336+283 O		13 36 50.7 28 20 38	13 39 9.61 28 5 26.4	19.1			1.113	C IV 1549 C III 1909 Mg II 2798		1903	2033			
1336+351 R		13 36 55.13 35 6 41.2	13 39 9.51 34 51 29.7	20.0			1.544			1446	1447			
1336-030 R	PKS	13 36 57.38 -3 1 54.6	13 39 32.69 -3 17 6.0	18.90			2.313	H I 1216 N V 1240 C IV 1549 C III 1909 Mg II 2798		1300	1997		1997Bmag	
1336+277 O		13 36 57.5 27 43 27	13 39 16.78 27 28 15.6	19.5			1.047	C III 1909 Mg II 2798		1903	2033			
1336-000 R	PKS	13 36 59.1 -0 1 8.1	13 39 32.94 -0 16 19.4	18.3			1.808	Si IV 1397 O IV 1402 C IV 1549 C III 1909		026	1304 436	351	761sp 20.9B(J)mag, 21	
1337+113 O		13 37 0 11 21 0	13 39 28.26 11 5 48.7				2.919*	H I 1216 2.7957 2.5077 2.1500 2.1393 2.0158 2.0107		1550		1550 1551 1901 2115 2117 2228 2263	damped Ly alpha, z=	
1337+277 O		13 37 1.6 27 44 24	13 39 20.86 27 29 12.7	20.2			2.495	O VI 1034 H I 1216 C IV 1549		1438	1692 1903			
1337+004 C	QNA1:41	13 37 5.4 0 25 33.2	13 39 39.03 0 10 22.1	19.68	-1.07	2.122	H I 1216 N V 1240 C IV 1549			1878	1878 2058		1878Bmag	
1337+276 O		13 37 5.8 27 38 47	13 39 25.11 27 23 35.8	20.2			1.056	C III 1909 Mg II 2798		1903	2033			
1337+262 O		13 37 6.4 26 14 24	13 39 26.56 25 59 12.8	20.0			2.794+	H I 1216 C IV 1549		1903	2033			
1337+282 O		13 37 8.7 28 12 43	13 39 27.65 27 57 31.9	20.5			0.249	O II 3727 O III 5007		1903	2033			
1337+004 C	QNA1:42	13 37 11.8 0 24 57.1	13 39 45.43 0 9 46.2	19.81	-1.01	(1.859)	C IV 1549 C III 1909			1878	1878 2058		1878Bmag	
1337-017 C		13 37 17.01 -1 46 8.0	13 39 51.71 -2 1 18.8	17.5			1.014	C III 1909 Mg II 2798		2183	1024 2183		2183strong uv FeIIem	
1337+255 O		13 37 19.0 25 32 21	13 39 39.55 25 17 10.2	20.8			(1.8)			1903	1903			

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES
1337+275 O		13 37 19.5 27 30 41	13 39 38.86 27 15 30.2	20.2			1.750	H I 1216 C IV 1549 C III 1909		1438 1692 1903 2033		
1337+271 O		13 37 26.4 27 9 30	13 39 45.96 26 54 19.5	20.3			2.940	H I 1216 C IV 1549 C III 1909		1903 2033		
1337+274 O		13 37 26.7 27 26 11	13 39 46.09 27 11 0.5	19.6			1.120	C III 1909 Mg II 2798		1903 2033		
1337+261 O		13 37 27.2 26 10 45	13 39 47.35 25 55 34.5	18.8			2.216	C IV 1549		1903 2052		
1337-013 R	PKS	13 37 30.18 -1 22 36.8	13 40 4.69 -1 37 47.2	18.73	.03	-.63	1.619	C IV 1549		026 436 026	023 351 1527	436ubv
1337+113	H1340+005	13 37 34.41 11 21 42.1	13 40 2.64 11 6 31.8				2.917+	O VI 1034 H I 1216 N V 1240 Si IV 1397 C IV 1549		2279 2279		2279
1337+265 O		13 37 39.3 26 33 30	13 39 59.20 26 18 19.8	20.1			0.962	C III 1909 Mg II 2798		1903 2052		
1337+284 O		13 37 41.4 28 29 15	13 40 0.10 28 14 4.9	20.2			1.760	H I 1216 C IV 1549 C III 1909		1903 2033		
1337+285 O		13 37 46.4 28 32 5	13 40 5.06 28 16 55.1	17.1			2.517	H I 1216 C IV 1549 C III 1909		1903 2033		
1337+262 O		13 37 48.1 26 15 42	13 40 8.16 26 0 32.1	19.0			1.975	H I 1216 C IV 1549		1903 2033		1903BAL?
1337+275 O		13 37 50.0 27 33 48	13 40 9.26 27 18 38.2	19.5			0.327	Mg II 2798		1903 2033		
1337+271 O		13 37 50.1 27 11 41	13 40 9.58 26 56 31.2	19.5			1.205	C IV 1549 C III 1909 Mg II 2798		1903 2033		
1337+259 O		13 37 50.8 25 56 14	13 40 11.05 25 41 4.2	19.0			1.333	C IV 1549 C III 1909		2052 2052		
1337-024 C		13 37 53.87 -2 24 10.4	13 40 28.88 -2 39 20.0	18.8			2.035	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1024		2183B(J)mag
1337+285 O		13 37 55.0 28 30 30	13 40 13.65 28 15 20.3	20.3			1.467	C IV 1549 C III 1909 Mg II 2798		2052 2052		
1337+005 C		13 37 57.86 0 30 17.6	13 40 31.45 0 15 8.1	18.5			1.902+	C IV 1549 C III 1909		1024		1024 2183B(J)mag
1338+101 O		13 38 0 10 11 0	13 40 28.80 9 55 50.5				2.459	H I 1216		1550		
1338+266 O		13 38 0.3 26 39 50	13 40 20.08 26 24 40.5	20.4			0.707	C III 1909 Mg II 2798		2052 2052		
1338+275 O		13 38 1.2 27 35 50	13 40 20.41 27 20 40.5	18.6			1.140	C IV 1549 C III 1909 Mg II 2798		1438 1692 2033		
1338+273 O		13 38 2.2 27 18 28	13 40 21.59 27 3 18.5	20.0			0.335	Mg II 2798		1903 2033		
1338+266 O		13 38 2.6 26 41 19	13 40 22.36 26 26 9.6	19.3			2.467	H I 1216 C IV 1549		1903 2033		
1338+264 O		13 38 8.8 26 28 14	13 40 28.68 26 13 4.7	18.9			2.126	H I 1216 C IV 1549 C III 1909		1903 2033		

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V) (U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1338-005 O		13 38 10.44 -0 30 7.6	13 40 44.52 -0 45 16.7	17.2		0.387			2183 2183					2183B(J)mag
1338+273 O		13 38 12.4 27 20 51	13 40 31.74 27 5 41.9	19.6		(0.28)	Mg II 2798		1903 2033					extended, 2033
1338-013 O	UM 600	13 38 16.0 -1 19 40.1	13 40 50.49 -1 34 49.1	19.1		1.47	C IV 1549 C III 1909		922 922					2183B(J)mag
1338+258 O		13 38 17.6 25 51 28	13 40 37.84 25 36 19.0	19.6		1.877	H I 1216 C IV 1549 C III 1909		1903 2033					
1338+276 O		13 38 21.4 27 36 0	13 40 40.56 27 20 51.1	20.0		1.139	C IV 1549 C III 1909		1438 1692 1903					
1338+101	H1340+004	13 38 22.25 10 11 52.3	13 40 51.03 9 56 43.5			2.447	H I 1216 Si IV 1397 C IV 1549		2279 2279					
1338+266 O		13 38 23.3 26 37 5	13 40 43.06 26 21 56.2	20.3		1.841	H I 1216 C IV 1549 C III 1909		1903 2033					
1338+277 O		13 38 32.9 27 46 15	13 40 51.93 27 31 6.5	20.0		2.285	H I 1216 C IV 1549 C III 1909		1438 1692 1903					
1338+275 O		13 38 35.3 27 33 2	13 40 54.46 27 17 53.6	19.4		1.252	C IV 1549 C III 1909		1438 1692 1903					
1338+277 O		13 38 35.7 27 45 38	13 40 54.73 27 30 29.6	20.7		1.595	C IV 1549 C III 1909		1438 1692 1903					
1338+274 O		13 38 37.0 27 29 26	13 40 56.19 27 14 17.6	20.2		1.540	O IV 1402 C IV 1549 C III 1909		1438 1692 1903					
1338-006 C		13 38 39.82 -0 38 6.9	13 41 13.97 -0 53 15.1	17		0.237	H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		922 1024 922 2183					
1338+276 O		13 38 41.4 27 40 26	13 41 0.47 27 25 17.7	19.2		1.175	C IV 1549 C III 1909 Mg II 2798		1438 1692 1903					
1338+282 O		13 38 45.3 28 16 6	13 41 3.99 28 0 57.9	20.5		(2.35)	O VI 1034 H I 1216 C IV 1549		2052 2052					
1338-018 C		13 38 46.59 -1 53 48.8	13 41 21.36 -2 8 56.8	17.4		2.079+	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1024			1024		2183B(J)mag
1338+416 C	PG	13 38 52.2 41 38 22	13 41 1.00 41 23 14.0	16.08		1.219	C III 1909 Mg II 2798		1117 1117					1598, 2251sp, 1729, 2005ir, 2112x faint gals near, 2118
1338+394 R	B3	13 38 57.8 39 29 59	13 41 8.40 39 14 51.2	19.0		0.580	Mg II 2798 Mg V 2931 O II 3727		1990 2270					
1338+270 O		13 38 58.1 27 0 35	13 41 17.54 26 45 27.3	20.2		0.393	Mg II 2798 O II 3727		2052 2052					
1339+278 O		13 39 4.6 27 52 10	13 41 23.49 27 37 2.5	20.0		0.463	Mg II 2798 O II 3727		2052 2052					
1339+272 O		13 39 17.1 27 16 57	13 41 36.33 27 1 49.8	20.5		1.754	H I 1216 C IV 1549 C III 1909		1903 2033					
1339-180	J13.07	13 39 21.3 -18 2 45	13 42 4.40 -18 17 51.9	17.34		2.21			2277 2277					2277BAL

TABLE 1—Continued

	OTHER NAMES	RA (1950)	RA (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R	
1339+282 O		13 39 21.4 28 15 46	13 41 40.00 28 0 39.0	19.3			0.78	Mg II 2798 O II 3727		1903 2033				
1339+280 O		13 39 22.8 28 2 4	13 41 41.55 27 46 57.0	20.0			1.965	H I 1216 C IV 1549		1438 1692 1438 1903				
1339+276 O		13 39 22.9 27 41 41	13 41 41.86 27 26 34.0	20.0			1.325	C IV 1549 C III 1909 Mg II 2798		1438 1438 1692 1903				
1339+275 O		13 39 25.2 27 33 24	13 41 44.24 27 18 17.1	20.4			1.095	C IV 1549 C III 1909 Mg II 2798		1438 1692 1903				
1339+268 O		13 39 30.0 26 50 17	13 41 49.48 26 35 10.2	20.1			1.727	H I 1216 C IV 1549 C III 1909		1856 1692 1903				
1339+273 O		13 39 31.6 27 22 57	13 41 50.74 27 7 50.3	20.1			1.175	C IV 1549 C III 1909 Mg II 2798		1692 1903				
1339+265 O		13 39 33.6 26 32 2	13 41 53.26 26 16 55.4	19.3			1.367	C IV 1549 C III 1909		1856 1692 1903				
1339+278 O		13 39 35.0 27 51 2	13 41 53.83 27 35 55.4	20.4			1.552	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1438 1692 2052 1903 2052				
1339+053 X		13 39 35.3 5 20 12	13 42 6.48 5 5 5.5	16.8	*	-.10	0.266			1265 1265 1770 1314				1265subv, 1209ext, 1033ir,1265x, 1910sp
1339+267 O		13 39 37.9 26 44 17	13 41 57.42 26 29 10.5	17.4			0.851	C III 1909 Mg II 2798		1856 1692 1903				
1339+021 O		13 39 43.45 2 10 25.8	13 42 16.20 1 55 19.5	17.9			0.274			2183 2183				2183B(J)mag
1339+272 O		13 39 44.2 27 13 53	13 42 3.40 26 58 46.7	19.4			0.53	Mg II 2798		1903 2033				
1339+279 O		13 39 47.0 27 56 45	13 42 5.75 27 41 38.8	19.6			1.036	C III 1909		1438 1692 1903				
1339+274 O		13 39 49.8 27 24 26	13 42 8.88 27 9 19.9	19.0			1.185	C IV 1549 C III 1909 Mg II 2798		1438 1692 1903				
1339+264 O		13 39 51.2 26 28 16	13 42 10.86 26 13 9.9	20.1			0.148	O II 3727 O III 5007		1856 1692 1903				
1339+262 O		13 39 52.6 26 17 2	13 42 12.37 26 1 55.9	20.1			2.504	O VI 1034 H I 1216 C IV 1549		2052 2052				
1339+287 R		13 39 52.8 28 43 55	13 42 11.03 28 28 48.9	18.6			0.33			2278 2278				2278uv
1339+278 O		13 39 55.6 27 53 0	13 42 14.37 27 37 54.0	19.5			(0.77)	C III 1909 Mg II 2798		1438 1692 1903				
1339+001 C	F864:94	13 39 59.3 0 7 13	13 42 33.08 -0 7 52.8	20.21	.40	-.03	2.439	H I 1216 C IV 1549		2214 2214				
1339+269 O		13 39 59.5 26 58 6	13 42 18.83 26 43 0.2	19.4			1.053*	C III 1909 Mg II 2798		1856 1723 1692 1903				1723BAL
1339+000 C	F864:76	13 39 59.9 0 3 17	13 42 33.71 -0 11 48.8	19.46	.10	-.87	(0.517)	Mg II 2798		2214 2214				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)			DEC (2000)									ID	Z	VAR	R	
1340+261 O		13 40 26	0.4 7 16	13 42 25	20.26 52 10.2	19.8					1.608+	Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798		2052	2052			2052BAL
1340+099 O	H1340+003	13 40 9	0.74 59 52.2	13 42 9	29.54 44 46.5	18.5					2.942	O VI 1034 H I 1216 N V 1240 Si IV 1397 C IV 1549		1440	1440 2279			2279nem1
1340+276 O		13 40 27	2.7 41 28	13 42 27	21.57 26 22.3	19.9					2.24	H I 1216 C IV 1549		1903	2033			
1340+000 C	F864:115	13 40 0	4.2 5 37	13 42 -0	37.99 9 28.6	20.80	.23	-.93			1.754	C IV 1549 C III 1909		2214	2214			
1340+273 O		13 40 27	4.7 19 40	13 42 27	23.80 4 34.3	19.5					2.827	H I 1216 C IV 1549 C III 1909		1903	2033			
1340+275 O		13 40 27	5.4 35 45	13 42 27	24.33 20 39.3	17.2					0.704	Mg II 2798 Ne V 3426		1438	1692 1903 2033			
1340+278 O		13 40 27	6.0 52 25	13 42 27	24.75 37 19.4	20.8					2.699	O VI 1034 H I 1216 Si IV 1397 C IV 1549		1438	1692 1903			
1340-003 O		13 40 -0	12.25 20 38.4	13 42 -0	46.26 35 43.8	18.1					0.786			2183	2183			2183B(J)mag
1340+262 O		13 40 26	15.3 15 30	13 42 26	35.04 0 24.7	19.2					0.247	Mg II 2798 O III 4959 O III 5007		1856	1692 1903			
1340+277 O		13 40 27	17.1 44 17	13 42 27	35.91 29 11.7	21.4					2.2	H I 1216 C IV 1549		1438	1438 1903			
1340-006 O	UM 607	13 40 -0	17.46 38 39.6	13 42 -0	51.62 53 44.8	17.2					0.326	H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		922	1024 1968 2130 2183			2145imag starburst gal 9.4 arcsec away, 0.227 xgal, 2130
1340-136	R14.07	13 40 -13	18.1 40 55	13 42 -13	58.92 56 0.2	19.2 *					3.19			2277	2277			
1340+002 C	F864:72	13 40 0	22.8 16 2	13 42 0	56.50 0 57.0	19.18	.36	-.05			0.804	Mg II 2798		2214	2214			
1340+278 O		13 40 27	25.7 52 41	13 42 27	44.40 37 36.0	19.2					1.721	H I 1216 C IV 1549 C III 1909 Ne IV 2439		1438	1692 1903			
1340+011 O		13 40 1	25.79 7 3.1	13 42 0	59.07 51 58.2	18.1					1.067			2183	2183			2183B(J)mag
1340+000 C	F864:124	13 40 0	27.4 0 54	13 43 -0	1.23 14 10.9	20.93	.09	-.77			2.386	H I 1216 C IV 1549		2214	2214			
1340-002 C	F864:82	13 40 -0	27.7 14 46	13 43 -0	1.66 29 50.9	19.74	.17	-.78			2.053	H I 1216 C IV 1549		2214	2214			
1340+606 R X OP 668 NRAO 428	3CR 288.1 4C 60.18 OP 668 NRAO 428	13 40 60	30.02 36 47.9	13 42 60	13.29 21 42.6	18.12	.39	-.82			0.961	C III 1909 Mg II 2798		064	005		462 534 787 1891	003ubv, 912, 1107, 1980x, 1320rpol, 245fc
1340+278 O		13 40 27	33.7 49 14	13 42 27	52.42 34 9.2	20.4					2.382	H I 1216 C IV 1549 C III 1909		1438	1692 1438 1903			

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1340+278 O		13 40 34.2 27 51 20	13 42 52.89 27 36 15.2	19.8			1.444	Si IV 1397 C IV 1549 C III 1909		1438 1692 1903					
1340+278 O		13 40 35.3 27 48 18	13 42 54.02 27 33 13.3	18.2			0.810	C III 1909 Mg II 2798		1438 1692 1903					
1340+272 O		13 40 35.6 27 13 9	13 42 54.70 26 58 4.3	19.7			2.737	H I 1216 C IV 1549		1903 2033					
1340+287 R	B2	13 40 36.36 28 43 9.8	13 42 54.49 28 28 5.1	18.35*	.20	-.67	1.037	C III 1909 Mg II 2798		474 476 474					474ubv, 704pol
1340+281 O		13 40 36.6 28 8 35	13 42 55.10 27 53 30.3	18.4			1.527*	Si IV 1397 C IV 1549 C III 1909		1438 1723 1692 1903 2033					1723BAL
1340+264 O		13 40 38.9 26 26 57	13 42 58.47 26 11 52.4	20.4			2.911	H I 1216 Si IV 1397 O IV 1402		2052 2052					
1340+281 O		13 40 39.4 28 9 30	13 42 57.89 27 54 25.4	18.6			1.821	H I 1216 C IV 1549 C III 1909		1903 2033					
1340+001 C	F864:119	13 40 39.6 0 10 2	13 43 13.35 -0 5 2.5	20.87	.75	-.66	(0.667)	Mg II 2798		2214 2214					
1340+280 O		13 40 40.6 28 2 27	13 42 59.16 27 47 22.4	18.7			1.164	C IV 1549 C III 1909 Mg II 2798		1438 1692 1903					
1340+289 R	B2	13 40 42.26 28 59 12.6	13 43 0.21 28 44 8.1	17.07*	.47	-.74	0.905	C III 1909 Mg II 2798		138 152 731 490 924 1794 1888					322ubv, 1202pol, 1013, 2174varnd, 474fc, 2251sp
1340+002 C	F864:114	13 40 48.3 0 15 14	13 43 22.01 0 0 9.8	20.75	.39	-2.00	1.976	C IV 1549		2214 2214					
1340-000 C	F864:102	13 40 50.4 -0 5 26	13 43 24.28 -0 20 30.2	20.39	.40	-1.23	1.886	C IV 1549 C III 1909		2214 2214					
1340-000 C	F864:80	13 40 52.0 -0 1 9	13 43 25.85 -0 16 13.1	19.64	.65	-.80	1.511	C IV 1549 C III 1909		2214 2214					
1340+278 O		13 40 55.0 27 53 11	13 43 13.63 27 38 6.9	19.9			2.491	H I 1216 C IV 1549		1903 2033					
1340+271 O		13 40 57.5 27 9 33	13 43 16.58 26 54 29.0	18.6			1.65	C IV 1549 C III 1909		1903 2033					
1341+272 O		13 41 4.0 27 12 20	13 43 23.04 26 57 16.2	19.3			1.274	C IV 1549 C III 1909 Mg II 2798		1903 2033					
1341+283 O		13 41 11.0 28 18 10	13 43 29.32 28 3 6.4	18.2			0.228	Mg II 2798		1903 2033					extended, 2033
1341+279 O		13 41 11.1 27 59 53	13 43 29.62 27 44 49.4	20.1			2.424	O VI 1034 H I 1216 Si IV 1397 O IV 1402 C IV 1549		2052 2052					
1341-001 C	F864:81	13 41 13.7 -0 8 33	13 43 47.61 -0 23 36.4	19.69	.49	-.26	1.055	C III 1909		2214 2214					
1341+267 O		13 41 14.0 26 47 24	13 43 33.28 26 32 20.5	19.4			2.120	H I 1216 C IV 1549 C III 1909		1856 1692 1903					
1341+012 O		13 41 19.60 1 15 13.2	13 43 52.80 1 0 9.9	18.3			0.254			2183 2183					2183B(J)mag
1341+001 C	F864:97	13 41 19.7 0 9 43	13 43 53.46 -0 5 20.3	20.31	.48	-1.29	1.140	C III 1909		2214 2214					

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
1341+261 O		13 41 22.5 26 11 56	13 43 42.13 25 56 52.8	18.8					1.592+	C IV 1549 C III 1909		2052	2052			2052BAL
1341+002 C	F864:113	13 41 26.2 0 15 49	13 43 59.90 0 0 46.0	20.70	.67	-.94	1.410		C IV 1549 C III 1909			2214	2214			
1341+268 O		13 41 28.8 26 51 7	13 43 48.01 26 36 4.0	19.1					1.675	H I 1216 C IV 1549		1856	1692 1903			
1341+256 O		13 41 30.9 25 39 47	13 43 50.85 25 24 44.0	20.5					1.896	H I 1216 C IV 1549 C III 1909		2052	2052			
1341+282 O		13 41 31.0 28 17 4	13 43 49.29 28 2 1.0	17.8					0.212	Mg II 2798		1903	2033			extended,2033
1341+270 O		13 41 31.5 27 4 33	13 43 50.56 26 49 30.0	20.0					2.245	H I 1216 C IV 1549		1903	2033			
1341-001 C	F864:108	13 41 38.4 -0 9 45	13 44 12.32 -0 24 47.7	20.57	.43	-.71	1.188		C III 1909			2214	2214			
1341+266 O		13 41 42.8 26 39 24	13 44 2.10 26 24 21.4	19.1				(0.499)	Mg II 2798			1856	1692 1903			
1341+472 O	PC	13 41 43.7 47 17 11	13 43 46.25 47 2 8.2	18.20					1.088	C III 1909 Mg II 2798		1546	1546			
1341+266 O		13 41 44.9 26 36 10	13 44 4.23 26 21 7.5	19.0					2.215	H I 1216 C IV 1549 C III 1909		1856	1692 1903			
1341+282 O		13 41 46.7 28 15 3	13 44 4.97 28 0 0.5	19.5					0.733	C III 1909 Mg II 2798		1903	2033			
1341+276 O		13 41 46.7 27 41 37	13 44 5.33 27 26 34.5	20.6					1.312	C IV 1549 C III 1909 Mg II 2798		1903	2033			
1341+002 C	F864:112	13 41 47.2 0 17 29	13 44 20.89 0 2 26.6	20.70	.36	-1.03	1.884		C IV 1549 C III 1909			2214	2214			
1341-002 C	F864:158	13 41 50.0 -0 13 44	13 44 23.95 -0 28 46.3	21.71	.32	-.17	2.235		H I 1216 C IV 1549			2214	2214			
1341+262 O		13 41 52.1 26 14 56	13 44 11.64 25 59 53.7	20.5					2.340	O VI 1034 H I 1216 C IV 1549		1856	1692 1903			
1341-002 C	F864:69	13 41 53.9 -0 15 26	13 44 27.87 -0 30 28.2	19.03	.95	-.96	1.373		C III 1909			2214	2214			
1341+280 O		13 41 54.3 28 5 34	13 44 12.66 27 50 31.8	20.2				(0.35)	Mg II 2798			2052	2052			
1342+440 C	NGC 5296 BSO 1	13 42 0 44 4 30	13 44 5.79 43 49 27.8	19.26	.38	-1.00	0.963		C III 1909 C II 2326 Ne IV 2424 MgVII 2513 Mg II 2798 O III 3133 He I 4471			425	425			425ubv 0.92 arcmin from NGC 5296, 2.4arcmin from NGC 5297,2118
1342+264 O		13 42 6.7 26 29 7	13 44 26.06 26 14 5.2	18.6					1.180	C IV 1549 C III 1909		1856	1692 1903			
1342+282 O		13 42 7.3 28 13 43	13 44 25.54 27 58 41.2	19.8					0.900	C III 1909 Mg II 2798		1903	2033			
1342+028 O	UM 608	13 42 8.9 2 53 9	13 44 41.27 2 38 7.3	18					1.51	C IV 1549 C III 1909		922	922			
1342-247	M14.25	13 42 13.0 -24 45 56	13 45 0.31 -25 0 57.5	19.2					2.8			2277	2277			
1342+389 R	B3	13 42 14.8 38 56 31	13 44 25.16 38 41 29.3	17.5					1.533	C III 1909 Mg II 2798		1990	2270			



TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1342+662 R	GC	13 42 17.77 66 17 27.7	13 43 45.84 66 2 25.5	20.0				0.766						510 1464					1464,1526vlbi
1342-000 C	F864:111	13 42 20.8 -0 4 6	13 44 54.67 -0 19 7.3	20.69	.33	-.69	0.852	Mg II 2798						2214 2214					
1342-000 C		13 42 25.64 -0 0 58.6	13 44 59.49 -0 15 59.8	17.8			0.245	H I 4861 O III 4959 O III 5007						2183 1024 2183					
1342+284 O		13 42 33.5 28 26 15	13 44 51.54 28 11 14.0	19.0			2.401	H I 1216 C IV 1549						2052 2052					
1342+270 O		13 42 35.0 27 3 26	13 44 53.93 26 48 25.0	19.0			1.547+	C IV 1549 C III 1909 Mg II 2798						2052 2052					2052BAL
1342+269 O		13 42 35.8 26 56 59	13 44 54.80 26 41 58.1	18.4			1.362	C IV 1549 C III 1909 Mg II 2798						1903 2033					
1342+663 R	GC	13 42 41.06 66 21 12.7	13 44 8.71 66 6 11.3	20			1.347							1465 1464					1464,1526vlbi
1342+276 O		13 42 57.1 27 41 19	13 45 15.57 27 26 18.7	18.7			1.884	H I 1216 C IV 1549 C III 1909						1903 2052					
1343+267 O		13 43 8.8 26 47 48	13 45 27.82 26 32 48.1	19.8			(0.891)	C III 1909 Mg II 2798						2052 2052					
1343-023 O		13 43 13.05 -2 21 55.6	13 45 48.10 -2 36 55.2	18.0			0.509							2183 2183					2183B(J)mag
1343-001 O		13 43 13.96 -0 8 23.8	13 45 47.87 -0 23 23.4	17.9			1.095							2183 2183					2183B(J)mag
1343-280 O		13 43 15.7 -28 5 49	13 46 5.29 -28 20 48.5	18.3	.10		2.274							1799 1799					92.67 arcmin from NGC 5236, 1799,2118
1343+281 O		13 43 22.9 28 10 25	13 45 41.00 27 55 25.6	19.3			0.453	Mg II 2798 H I 4861						2052 2052					
1343+266 O	A IV 26	13 43 24.7 26 40 6	13 45 43.77 26 25 6.6	20.23	-1.23	2.030	H I 1216 Si IV 1397 C IV 1549 He II 1640 C III 1909							1840 1840 1896 1903					1896fc, 1896imag
1343+266 O	B IV 27	13 43 25.4 26 40 5	13 45 44.47 26 25 5.7	20.18*	-1.17	2.030	H I 1216 Si IV 1397 C IV 1549 C III 1909							1840 1840 1896 1896 1903					1896fc, 1896imag 9.5arcsec from A,1840,1896
1343+386 R	4C 38.37 B2	13 43 26.59 38 38 11.4	13 45 36.95 38 23 12.0	18.5			1.844	H I 1216 C IV 1549						033 032			462 774 800		831sp, 1320rpol
1343+284 O		13 43 28.0 28 24 18	13 45 45.93 28 9 18.7	20.2			2.2	H I 1216 C IV 1549						1903 1903					1903phot mag
1343+012 C		13 43 41.75 1 12 5.3	13 46 14.97 0 57 6.6	18.8			(0.487)	Mg II 2798 H I 4340 O III 4363						1024					2183B(J)mag
1343+267 O		13 43 43.7 26 43 11	13 46 2.70 26 28 12.2	18.9			1.195+	C IV 1549 C III 1909						2052 2052					2052BAL?
1343+284 O		13 43 56.6 28 28 53	13 46 14.42 28 13 54.7	18.0			0.659	Mg II 2798 O II 3727						2052 2052					gal 5 arcsec N 2052
1343+259 O		13 43 58.8 25 54 7	13 46 18.29 25 39 8.7	20.5			1.9	H I 1216 C IV 1549						1903 1903					
1344+016 O	UM 611	13 44 3.6 1 37 11	13 46 36.60 1 22 13.0	17			1.92	C III 1909 C II 2326 Mg II 2798						922 2130 LBQS 2183					

TABLE 1—Continued

OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
	DEC (1950)			DEC (2000)									ID	Z	VAR	R	
1344-027 O	13 44 4.77 -2 45 16.1	13 46 40.04 -3 0 14.1	18.1				0.222						2183	2183			2183B(J)mag
1344+256 O	13 44 5.2 25 37 36	13 46 24.85 25 22 37.9	20.2				2.05	H I C IV	1216 1549				1903	2052			
1344+264 O	13 44 9.1 26 29 51	13 46 28.19 26 14 53.1	19.1				1.825	H I Si IV O IV C IV C III	1216 1397 1402 1549 1909				2052	2052			
1344+257 O	13 44 12.7 25 47 31	13 46 32.23 25 32 33.2	19.0				0.389	Mg II	2798				2052	2052			
1344+273 O	13 44 15.1 27 20 57	13 46 33.62 27 5 59.3	19.6				2.34	H I C IV	1216 1549				1903	2033			
1344+270 O	13 44 17.8 27 5 1	13 46 36.49 26 50 3.3	19.5				(0.37)	Mg II	2798				1903	2033			
1344+282 O	13 44 20.3 28 12 42	13 46 38.24 27 57 44.4	19.3				2.439	H I C IV C III	1216 1549 1909				1903	2033			
1344+282 O	13 44 26.3 28 16 30	13 46 44.18 28 1 32.6	18.6				1.127	C IV C III Mg II	1549 1909 2798				2052	2052			
1344+264 O	13 44 26.5 26 24 28	13 46 45.61 26 9 30.6	18.9				1.241	C IV C III	1549 1909				2052	2052			
1344-024 O	13 44 38.07 -2 27 37.2	13 47 13.19 -2 42 34.1	18.3				0.511						2183	2183			2183B(J)mag
1344+271 O	13 44 44.5 27 7 19	13 47 3.10 26 52 22.2	20.6				2.4	H I C IV	1216 1549				1903	1903			
1344+025 O	13 44 51.90 2 33 39.8	13 47 24.40 2 18 43.3	18.4				1.313						2183	2183			2183B(J)mag
1344-010 O	13 44 58.06 -1 5 7.8	13 47 32.47 -1 20 4.0	17.6				1.736						2183	2183			2183B(J)mag
1345+273 O	13 45 7.7 27 19 33	13 47 26.12 27 4 37.0	18.9				2.212	H I C IV C III	1216 1549 1909				1903	2033			
1345+274 O	13 45 12.6 27 28 58	13 47 30.90 27 14 2.1	19.9				2.118	H I C IV C III	1216 1549 1909				1903	2033			
1345+262 O	13 45 12.6 26 14 57	13 47 31.71 26 0 1.1	19.5				2.158	H I C IV	1216 1549				2052	2052			
1345-016 C	13 45 14.56 -1 37 28.4	13 47 49.25 -1 52 24.1	18.3				1.925+	Si IV O IV C IV C III	1397 1402 1549 1909				1024 2183			1024	
1345+264 O	13 45 14.9 26 24 42	13 47 33.90 26 9 46.2	19.5				1.4	C IV C III	1549 1909				1903	1903			1903phot mag
1345-000 O	13 45 17.88 -0 0 22.9	13 47 51.72 -0 15 18.5	18.0				0.552						2183	2183			2183B(J)mag
1345-301 O	13 45 40.5 -30 6 21	13 48 31.81 -30 21 15.7	18.9			.20	1.438						1799	1799			95.17 arcmin from NGC 5236, 1799, 2118
1345-013 O	13 45 42.11 -1 20 15.1	13 48 16.65 -1 35 9.9	18.4				2.946+						2183	2183			2183B(J)mag Ly limit abs, 2183
1345+280 O	13 45 47.0 28 2 13	13 48 4.86 27 47 18.2	19.2				(1.43)	C IV C III	1549 1909				2052	2052			

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1345+584 R	4C 58.27 OP 577	13 45 55.79 58 27 37.3	13 47 40.90 58 12 42.4	17.5			2.039	H I 1216 C IV 1549 C III 1909		100 100 2174 1818 1891					1818pos, 2266imag
1346+013 O		13 46 1.85 1 21 21.0	13 48 34.98 1 6 26.8	18.4			1.930			2183 2183					2183B(J)mag
1346-036 O		13 46 8.25 -3 38 30.5	13 48 44.01 -3 53 24.4	17.27	.06	-.38	2.349*	H I 1216 Si IV 1397 O IV 1402 C IV 1549	0.4453	409 409 2199 2281				1000 1202pol, 1747 912xnd,1000, 2020 2020sp, 2263 1485subv, 2268 1983ir	
1346+272 R		13 46 29.0 27 13 57	13 48 47.30 26 59 3.6	19.6			2.288			2299 2299					
1346+111	H1340+010	13 46 31.00 11 8 9.3	13 48 58.89 10 53 16.1				2.478	H I 1216 Si IV 1397 C IV 1549		2279 2279					
1346+001 C		13 46 44.05 0 7 50.9	13 49 17.82 -0 7 1.9	18.9			(3.268)	H I 1216 Si IV 1397 O IV 1402		1024					2183B(J)mag
1346+001 O		13 46 48.37 0 7 55.1	13 49 22.14 -0 6 57.5	18.1			1.127			2183 2183					2183B(J)mag
1346-112 R	UT	13 46 51.4 -11 17 59	13 49 31.31 -11 32 51.5	18			0.34	H I 4340 H I 4861 O III 4959 O III 5007		1437 1437			2056		
1346-028 O		13 46 53.45 -2 51 55.6	13 49 28.81 -3 6 48.0	17.7			1.714			2183 2183					2183B(J)mag
1347-004 O		13 47 0.26 -0 26 10.6	13 49 34.33 -0 41 2.8	17.6			0.515			2183 2183					2183B(J)mag
1347+111	H1340+011	13 47 12.43 11 9 36.0	13 49 40.27 10 54 44.1				2.45	O VI 1034 H I 1216		2279 2279					
1347-008		13 47 14.1 -0 51 30	13 49 48.40 -1 6 21.8	16.29			0.600			2280 2280					
1347+271 R		13 47 19.9 27 7 31	13 49 38.16 26 52 39.3	20.0			2.696			2299 2299					2299BAL
1347+112 O	H1340+012	13 47 25.44 11 16 8.2	13 49 53.21 11 1 16.8	18.5			2.697*	H I 1216 2.7423 Si IV 1397 2.6208 O IV 1402 2.4709 C IV 1549 0.6036		1440 1440 2279				1550 damped Ly 1551 alpha,z= 2115 2.4709,2115 2228 2263	
1347+539 R	4C 53.28 GC	13 47 42.48 53 56 7.4	13 49 34.58 53 41 16.1	17.3			0.976	C III 1909 Mg II 2798		507 1288			534 1145 1166		538sp, 1526vlbi
1348+262 R		13 48 2.6 26 16 2	13 50 21.34 26 1 11.7	19.1			2.073			2299 2299					
1348+384 R	UT	13 48 5.6 38 26 57	13 50 15.16 38 12 6.7	18			1.39	C IV 1549 C III 1909		1437 1437					9.65 arcmin from NGC 5325A 7.12 arcmin from NGC 5325B 2118
1348+271 R		13 48 5.6 27 7 34	13 50 23.76 26 52 43.8	17.1			1.615			2299 2299					
1348-009 O		13 48 10.37 -0 54 9.3	13 50 44.69 -1 8 59.2	18.1			1.474			2183 2183					2183B(J)mag
1348-012 R	PKS	13 48 18.62 -1 13 48.0	13 50 53.12 -1 28 37.6	19.40			1.482	C IV 1549 C III 1909 Mg II 2798		028 1997					1997Bmag
1348+392 R	B3	13 48 23.6 39 14 12	13 50 32.41 38 59 22.3	19.0			1.58	C III 1909 Mg II 2798		1990 2270					

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)			DEC (2000)									ID	Z	VAR	R	
1348+007 R	PKS	13 48 31.02 0 46 8.4	13 51 4.45 0 31 19.2	21.92				2.084			H I 1216 N V 1240 C IV 1549 C III 1909 C II 2326 Mg II 2798	1997 1997					1997Bmag	
1348+013 C		13 48 55.23 1 18 27.3	13 51 28.37 1 3 38.9	17.0				1.086			C III 1909 Mg II 2798		1024 2183				2183B(J)mag	
1349+281 R		13 49 5.7 28 8 16	13 51 23.03 27 53 27.8	18.6				1.693				2299 2299						
1349+001 O	UM 617	13 49 16.75 0 7 8.5	13 51 50.53 -0 7 39.2	16				1.426			C IV 1549 He II 1640 C III 1909 Mg II 2798	922 1024 2130						
1349+132	H1400+016A	13 49 51.71 13 17 27.5	13 52 18.20 13 2 41.0					1.609			C IV 1549	2279 2279						
1349+009 O		13 49 59.28 0 57 39.5	13 52 32.60 0 42 53.3	17.7				1.161				2183 2183					2183B(J)mag	
1350+008 O		13 50 18.81 0 52 45.0	13 52 52.17 0 37 59.4	18.4				0.485				2183 2183					2183B(J)mag	
1351+267 R	B2.2	13 51 17.99 26 46 32.2	13 53 35.97 26 31 48.5	17.18*	-.03	-.96	0.31	Mg II 2798 O III 5007				138 009 924 783 790 1790					322ubv, 877pol, 1259imag	
1351+021 R	PKS	13 51 18.91 2 6 37.2	13 53 51.59 1 51 53.7	19.89	.16	-.96	1.606	C IV 1549 C III 1909				440 436				789 1527	436ubv, 1181sp, 1526vlbi, 1898pos	
1351-211 R	MC	13 51 25.41 -21 8 28.9	13 54 11.47 -21 23 12.1	19.0				1.262			C III 1909 C II 2326 Mg II 2798	1445 1445						
1351-018 R	PKS	13 51 32.08 -1 51 20.6	13 54 6.95 -2 6 3.6	20.89				3.710			O VI 1034 H I 1216 N V 1240 Si II 1307 C IV 1549 C III 1909	1548 1548 1997				2162	1810pos	
1351+318 R	B2	13 51 51.16 31 53 44.6	13 54 5.36 31 39 2.0	17.4				1.326			C IV 1549 C III 1909 Mg II 2798	138 152				790 1790	25.98 arcmin from 3C 293, 2118	
1352-104 R	PKS OP 187	13 52 7.8 -10 26 26	13 54 47.49 -10 41 7.8	18.4	-.20	-.70	0.332	Mg II 2798 Ne V 3426				188 058				011 2056	761, 1304sp, 1125ir, 1485ubv, 1526vlbi	
1352+183 C X R	1E PG PB 4142	13 52 11.5 18 20 58	13 54 34.83 18 6 16.2	15.5	.08			0.152			H I 4340 H I 4861 O III 5007 H I 6563	1117 1269 1269 1117				2011	1269ubv, 1269, 1487, 2112x, 1207, 1261imag, 1598, 1910sp, 1729, 2005ir, 1941, 2061uv faint gals near, 2118	
1352+108 O	H1400+017	13 52 20.93 10 50 52.5	13 54 48.69 10 36 11.1	19.4				3.150			O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	1440 1440 2279						
1352+011 C	PG	13 52 25.8 1 6 50	13 54 59.02 0 52 8.8	16.03				1.121			C III 1909 Mg II 2798	1117 1450 1598					1352spvar, 1729, 2005ir, 1688imag, 2112x faint gals near, 2118	

TABLE 1—Continued

		OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
			DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
1352+184	1E	13 52 27.9	13 54 51.13	18.0	.47	0.977	Mg II 2798	1269	1269							1269ubv,1269x	
X	PB 4145	18 28 5	18 13 23.8														
1352-007		13 52 51.41	13 55 25.65			(0.422)	Mg II 2798		1024								
C		-0 43 0.7	-0 57 41.0				O II 3727										
1352-203	MC	13 52 58.85	13 55 44.59	19.9		0.627	Mg II 2798	673	673						1888	1704fc	
R		-20 23 53.5	-20 38 33.4				Ne V 3426								2056		
1353+118	H1400+008	13 53 17.36	13 55 44.47			2.2	H I 1216	2279	2279								
		11 53 14.7	11 38 35.3														
1353+306	B2	13 53 26.14	13 55 41.04	18.2		1.018	C III 1909	138	152						790		
R		30 38 51.2	30 24 11.9				Mg II 2798								1794		
1353+097	H1400+007	13 53 27.50	13 55 55.85			1.865	C IV 1549	2279	2279								
		9 43 18.4	9 28 39.3														
1353+097	H1400+006	13 53 39.89	13 56 8.22			(1.765)	C IV 1549	2279	2279								
		9 44 53.1	9 30 14.5														
1354-176	MC 3	13 54 9.54	13 56 53.64	19		0.566	Mg II 2798	466	466						2056	693,694fc	
R		-17 37 14.3	-17 51 51.8				Ar IV 2854										
							Mg V 2931										
							O III 3133										
							Ne V 3426										
							NeIII 3869										
							H I 4340										
							O III 4363										
							H I 4861										
							O III 4959										
							O III 5007										
1354+213	PG	13 54 11.6	13 56 32.89	15.85		0.300	Mg II 2798	1117	1117							1598sp,1729,	
C		21 18 29	21 3 51.4				NeIII 3869									2005ir,2112x	
							H I 4861									faint gals	
							O III 4959									near,2118	
							O III 5007										
1354-266	M15.15	13 54 26.55	13 57 16.62	17		0.134		2193	2194								
O		-26 36 24.7	-26 51 1.5														
1354-152	PKS	13 54 28.62	13 57 11.27	19.0		1.89	Si IV 1397		1304							761sp,1241x,	
R	OP 192	-15 12 52.1	-15 27 28.9				O IV 1402									1526vlbi,	
X							C IV 1549									1789mm,	
							C III 1909									1810pos,	
																2103pol	
1354+195	PKS	13 54 42.08	13 57 4.43	16.30*	.18	-.55	0.719	Mg II 2798	0.457	111	101	007	128	560		007,059,	
R	4C 19.44	19 33 43.9	19 19 7.4					Ne V 3426			2251	080	462	2228		112ubv,156,	
	OP 191							NeIII 3869				212	775			1202,2103pol,	
	VR19.13.06							H I 4102				248	789			1112,1526vlbi,	
	DA 354											252	979			936rvar,	
												258	1145			749pos,1530ir,	
												290	1152			086,112fc,	
												506	1804			324sp,1789mm	
												875				1902avg Bmag;	
												920				faint gals	
												1068				near,2118	
												1142					
												1902					
1354+258	OP 291	13 54 48.39	13 57 6.55	18.5		2.006*	H I 1216	2.0013	100	100		023	2049			831sp,1818pos,	
R	PKS	25 52 5.5	25 37 29.2				Si IV 1397	1.4205			2049		202	2263		202fc,	
B2							O IV 1402	0.8856			2281		1818			2266imag	
							C IV 1549	0.8585					1891				
							He II 1640										
							O III 1663										
							C III 1909										
1354+048		13 54 55.3	13 57 26.40	17.8	.10	1.234		1650	1650							near NGC 5364,	
O		4 50 18	4 35 42.0													1650,2118	
1355-246	M15.19	13 55 10.6	13 57 59.37	17.9		1.37		2277	2277								
		-24 37 15	-24 51 50.3														

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS) -	ID	REFERENCES Z VAR R ABS				NOTES
1355-416	PKS R MSH 13-45	13 55 56.83 -41 38 16.7	13 58 59.86 -41 52 50.2	15.86*	-.10	-.89	0.313				Mg II 2798 Ne V 2974 Ne V 3426 O II 3727 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		103	115	745	023 387 2056	761,1304,1420, 2229sp,780, 8861r,940ext, 1222elp,300fc, 1485ubv, 1420FeIIem, 1483rvar, 1526vlbi, 2145imag 57 arcmin from NGC 5408,1650, 2118		
1356-227	M15.17	13 56 32.2 -22 43 12	13 59 19.82 -22 57 44.4	19.1			2.11						2277	2277					
1356+581	4C 58.29 R OP 594	13 56 37.05 58 6 33.7	13 58 18.43 57 52 0.7	17.37	-.05		1.375	Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798					100	1288 100 2281		507 534 1166 1320	704,1202pol, 1320rpol, 1451ubv, 2251sp		
1356+022	PKS R	13 56 54.65 2 14 27.1	13 59 27.21 1 59 55.4	18.29	.28	-.82	1.329	C IV 1549 C III 1909 Mg II 2798					026	436 748		351 789 1395	436ubv,1032, 1181sp, 1526vlbi		
1356-201	MC R	13 56 54.95 -20 9 38.8	13 59 40.91 -20 24 10.4	19.3			1.970	C IV 1549 C III 1909 Mg II 2798					673	673		1818 2056	1704fc		
1356+081	H1400+001	13 56 55.63 8 6 10.6	13 59 24.79 7 51 38.9				2.349+	H I 1216 C IV 1549					2279	2279		2279			
1357-024	1E X	13 57 31.1 -2 28 0	14 0 6.37 -2 42 30.4	18.1	-.11		(0.416)	Mg II 2798					1269	1269			1279ubv, 1910sp		
1358+043	PG C	13 58 0.64 4 19 27.4	14 0 31.97 4 4 58.1	16.31	.08	-.83	0.427	H I 4861 O III 5007							487 491 1700		1028,1202pol, 799,1617ir, 1028mm,1420sp, 1420FeIIem, 1598ubv,1688, 1700imag faint gals near,2118		
1358+391	SP 1 O	13 58 6 39 8 54	14 0 12.88 38 54 24.6	17.0			3.3 *						2028	2027	2174		Ly limit abs, 2247		
1358+115	H1400+009 O	13 58 11.76 11 34 52.9	14 0 38.79 11 20 23.9	16.5			2.571+	H I 1216 Si IV 1397 O IV 1402 C IV 1549					1440	1440 2279			1685sp Ly alpha abs, 1870		
1358+000	UM 627 O	13 58 37.0 0 1 24	14 1 10.83 -0 13 4.0	16			1.865	C III 1909 Mg II 2798					922	2130					
1358+113	H1400+010	13 58 42.71 11 23 46.7	14 1 9.83 11 9 18.9				2.078	H I 1216 C IV 1549					2279	2279					
1358-135	R15.03	13 58 56.0 -13 31 21	14 1 37.90 -13 45 48.2	18.7 *			3.1						2277	2277					
1359-058	O R	13 59 3.81 -5 53 56.5	14 1 41.12 -6 8 23.5	17.8	.20		1.996+	H I 1216 N V 1240 O I 1304 O IV 1402 C IV 1549 He II 1640					409	1799 1799 409		1162	1799BAL 54.5 arcmin from NGC 5426 and NGC 5427, 1799,2118		
1359-155	R15.07	13 59 30.3 -15 30 31	14 2 13.48 -15 44 57.0	17.58			2.45						2277	2277					
1400+114	O	14 0 10.46 11 26 53.4	14 2 37.47 11 12 28.8	18.9			3.174	H I 1216 Si IV 1397 O IV 1402 C IV 1549					1440	1440					

TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
									ID	Z	VAR	R	ABS
1400+162 4C 16.39 BL Lac R OQ 100 X MC 3	14 0 20.52 16 14 20.9	14 2 44.53 15 59 56.6	16.37*	.58	-.54				343	970	489		703pol,1337, 1485ubv,778, 1057,1088, 1307,2112x, 1012,1141ir, 1164mf, 1049phot,1207, 1261,1884imag, 124,317fc, 019sp, 1526vlbi 0.245zgal,317, 553;faint gals near,2118; IRAS source, 1806
1400+001 UM 629 O	14 0 49.6 0 8 15	14 3 23.37 -0 6 8.1	18			2.50	O VI 1034 H I 1216		922	922			
1400+095 H1400+004 O	14 0 58.34 9 35 8.2	14 3 26.45 9 20 45.3	18.5			2.980	H I 1216 C IV 1549		1440	1440 2279			9.03 arcmin from NGC 5424, 6.35 arcmin from NGC 5431, 8.07 arcmin from NGC 5434B 6.27 arcmin from NGC 5434A 9.02 arcmin from NGC 5469, 2118
1401+098 1E X	14 1 43.2 9 51 59	14 4 11.11 9 37 37.8	16.2	-.10		0.441	Mg II 2798 NeIII 3869 H I 4340		1269	1314 1269 1968			1269ubv, 1910sp, 2145imag 8.62 arcmin from NGC 5436, 9.53 arcmin from NGC 5437, 6.73 arcmin from NGC 5438, 2118
1402-012 PKS R UM 632 X	14 2 11.30 -1 16 1.9	14 4 45.91 -1 30 22.0	17.16*	.21	-.27	2.522*	H I 1216 2.3739 N V 1240 2.2078 C IV 1549 1.9242 C III 1909 0.8903		026	436 1068 748 1902 922 2049 2281		789 2049 2263	436ubv,1181sp, 1526vlbi, 1686x,1810pos 1902avg ph mag
1402+042 1E BL Lac X R	14 2 19.7 4 16 21.4	14 4 50.99 4 2 1.6	17.5 *						778	1577 1416	991 1416 2083		778,1481pol, 1048,2107, 2112x, 1577xvar, 2259imag
1402+044 PKS R X	14 2 30.03 4 29 55.2	14 5 1.18 4 15 35.8	18.5			3.211+	LYB 1026 O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		456	456 412 475 493 500 2049 2281		1170 911	912x,1382mm, 597,761,911, 986,1304sp, 1092ir,475fc, 1526vlbi, 1810pos, 2049noabs
1402+436 CSO 409	14 2 37.6 43 41 27	14 4 38.73 43 27 7.5	16.5			0.320			1860	1860 2026			IRAS source, 1860
1402+288 O	14 2 44.0 28 50 39	14 4 58.94 28 36 19.9	19.4			1.91			2278	2278			2278uv, 2278BAL
1402+288 O	14 2 45.1 28 53 23	14 5 0.00 28 39 4.0	20.4			1.43			2278	2278			2278uv
1402+261 PG C TON 182 X R	14 2 58.8 26 9 59	14 5 15.75 25 55 40.5	15.57			0.164	H I 4861		144	1117		2011	1487,1980, 2112x,1598sp, 1729,2005ir, 1700imag faint gals near,2118

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS			NOTES
1403+120	H1400+011		14 3 3.72 12 4 52.2	14 5 30.19 11 50 34.0						1.458	C IV 1549		2279	2279			
1403-085	PKS R DW		14 3 21.88 -8 33 56.8	14 6 0.94 -8 48 14.2	19					1.763	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		188	501		011	761,1304sp, 149fc, 1526vlbi
1404+107	H1400+016		14 4 33.28 10 43 39.2	14 7 0.53 10 29 24.4						2.00	H I 1216 Si IV 1397 C IV 1549		2279	2279			
1404-049			14 4 53.9 -4 55 56	14 7 30.77 -5 10 9.9	15.79					0.380			2280	2280			
1404-342	PKS R		14 4 57.17 -34 17 14.8	14 7 54.93 -34 31 28.3	20.1					1.122	C III 1909 Mg II 2798		1861	1861		1861	
1405+261	O		14 5 37.1 26 11 20	14 7 53.71 25 57 7.5	18.7					(2.1)	H I 1216 C IV 1549		1438	1438			
1405-010	UM 638 O		14 5 43.1 -1 0 20	14 8 17.57 -1 14 32.1	18					1.96	H I 1216 O IV 1402		922	922			
1405-287	PKS R		14 5 56.26 -28 46 8.4	14 8 49.48 -29 0 19.7	19					0.575	Mg II 2798 Ar IV 2869 O II 3727 NeIII 3869 H I 4102		412	501		011 2056	761,1304sp
1406+123	H1400+012 O		14 6 12.40 12 21 20.5	14 8 38.53 12 7 9.5	18.9					2.970*	H I 1216	2.252 1.835	1440 1440 2279			1550 1551 2263 2279	prob damped Ly alpha,2263
1406-076	PKS R OQ 010		14 6 17.94 -7 38 15.9	14 8 56.53 -7 52 26.6	18.4					1.494	C III 1909 C II 2326 Mg II 2798		011	500		011	761,1304sp, 1125ir, 1526vlbi
1406+267	O		14 6 25.4 26 43 54	14 8 41.49 26 29 43.4	18.9					(1.9)	H I 1216 C IV 1549		1438	1438			
1406+492	CSO 609 O		14 6 35.7 49 16 24	14 8 28.67 49 2 13.4	17					(2.13)	H I 1216 C IV 1549		2025	2025			
1407+265	PG C X R		14 7 7.7 26 32 30	14 9 23.85 26 18 21.0	15.73					0.944	C III 1909 Mg II 2798		1117 1438	1117		2011	1487,1781, 1980,2112x, 1598,2251sp, 1729,2005ir 7.83 arcmin from ZWG 162.065,1650; faint gals near,2118; z questioned, 2011
1407+268	O		14 7 15.6 26 50 47	14 9 31.50 26 36 38.3	20.9					(1.9)	H I 1216 C IV 1549		1438	1438			
1407+022	PKS BL Lac R		14 7 32.21 2 17 14.9	14 10 4.64 2 3 7.0	18.65	.39		-.45					026			789 1086	436ubv,436sp, 2112x
1407+264	O		14 7 32.4 26 27 55	14 9 48.56 26 13 47.0	21.1					(3.0)	H I 1216		1438	1438			
1408+269	O		14 8 2.7 26 57 48	14 10 18.41 26 43 41.1	18.6					(2.3)	H I 1216 C IV 1549		1438	1438			
1408+262	O		14 8 17.0 26 15 30	14 10 33.23 26 1 23.7	20.3					(2.1)	H I 1216 C IV 1549		1438	1438			
1408+020	X		14 8 17.0 2 5 40	14 10 49.54 1 51 33.9	19.4					0.199			1268 1455	1455		1268	1268,1455x IRAS source, 1806
1408+266	O		14 8 41.4 26 39 9	14 10 57.28 26 25 3.6	18.3					(1.9)	H I 1216 C IV 1549		1438	1439			



TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1408+009 O	UM 645	14 8 50.1 0 56 57	14 11 23.36 0 42 52.2	18			2.27	H I 1216 C IV 1549		922 922					
1408+126	H1400+013	14 8 58.74 12 39 51.4	14 11 24.52 12 25 46.8				2.057	H I 1216 C IV 1549		2279 2279					
1409+732 O		14 9 11.9 73 13 34	14 9 47.90 72 59 28.0	21			3.56 +	H I 1216 N V 1240 Si IV 1397 C IV 1549		1741 1741					
1409+524 X R	1E	14 9 32.6 52 28 3.2	14 11 19.72 52 13 59.4	22.03*			1.29	C III 1909 Mg II 2798		1461 1461 1461 1461					1461x 1.83 arcmin from 3CR 295, 1461,2118
1409+344 R	UT	14 9 46.2 34 29 16	14 11 55.29 34 15 13.1	18.5			1.82	C IV 1549 C III 1909		1437 1437					
1409+095 O	H1400+015	14 9 49.39 9 30 28.8	14 12 17.19 9 16 26.3	18.6			2.856*	O VI 1034 2.670 H I 1216 2.459 N V 1240 2.025 Si IV 1397 O IV 1402 C IV 1549	1440 1440 2279				2243 2279	damped Ly alpha, 2243; Ly limit abs, 2247	
1410+096 O	H1420+003	14 10 52.92 9 36 6.0	14 13 20.61 9 22 6.0	18.8			3.340	H I 1216		1440 1440 2279					
1412+094		14 12 25.6 9 25 10	14 14 53.35 9 11 13.7	17.4			1.70			1494					
1412+089		14 12 43.5 8 58 2	14 15 11.54 8 44 6.4	18.4			0.50			1494					
1412+003 O	UM 651	14 12 45.9 0 19 28	14 15 19.54 0 5 32.5	18			1.931	O IV 1402 C IV 1549 C III 1909		922 2199					
1413+099	H1420+025	14 13 1.94 9 57 21.6	14 15 29.31 9 43 26.7				1.648	C IV 1549		2279 2279					
1413+099	H1420+024	14 13 11.52 9 58 12.1	14 15 38.87 9 44 17.6				2.03	H I 1216 N V 1240 C IV 1549		2279 2279					
1413+092		14 13 16.4 9 17 16	14 15 44.20 9 3 21.7	19.3			0.20			1494					
1413+117 O		14 13 20.09 11 43 38.1	14 15 46.26 11 29 43.9	16.70			2.551*	O VI 1034 2.069 H I 1216 1.867 N V 1240 1.6601 Si IV 1397 O IV 1402 C IV 1549 C III 1909	1227 1479 2174 1213 1227 1227 2169 1293					1201pol,1227, 1293BAL, 1756 2131sp 2228 grav lens, 2263 4 components, 1920,2295;	
1413+373 R	UT	14 13 22.8 37 20 12	14 15 28.49 37 6 17.7	18			2.36	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1437 1437					
1413+090		14 13 33.4 9 1 45	14 16 1.36 8 47 51.4	18.7			2.35			1494					
1413+135 BL Lac R X	PKS	14 13 33.9 13 34 18	14 15 58.81 13 20 24.4	20						166			1212 1229 1557		1264,1357mf, 1088,1350, 1356,2112x, 2258,2259imag, 1526vlbi, 1721rvar, 1789mm,1988, 2062pol 0.26zgal,1264 IRAS source, 1806
1413-212	J15.32	14 13 53.9 -21 17 53	14 16 42.26 -21 31 45.5	17.9			2.3			2277 2277					

TABLE 1—Continued

		OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
			DEC (1950)			DEC (2000)									ID	Z	VAR	R	
1414-251 O	M16.11	14 14 4.46 -25 10 20.5	14 16 55.83 -25 24 12.6	15.5			0.236						2193	2194					
1414+095		14 14 10.4 9 31 8	14 16 38.01 9 17 15.9	19.2			2.00							1494					
1414+087		14 14 11.2 8 44 23	14 16 39.33 8 30 30.9	19.1			2.00							1494					
1414-171	R16.21	14 14 27.3 -17 9 35	14 17 12.68 -17 23 26.2	17.7 *			2.54						2277	2277					
1414+089 O		14 14 29.89 8 59 31.3	14 16 57.84 8 45 40.0	18.6			2.650*	N V C IV	1240 2.63 1549 2.60 2.513 2.336			1227	1227			1062 1227	1208,1227BAL		
1414+256 O		14 14 29.9 25 36 42	14 16 45.91 25 22 50.5	19.6			1.80	H I C IV	1216 1549			1439	1439						
1414+092		14 14 35.4 9 12 0	14 17 3.21 8 58 8.9	18.4			2.35							1494					
1414+088		14 14 38.1 8 50 37	14 17 6.15 8 36 46.0	18.8			2.30							1494					
1414+252 O		14 14 49.7 25 13 34	14 17 5.97 24 59 43.3	19.7			1.83	H I C IV	1216 1549			1439	1439						
1414+347 R	UT CSO 429	14 14 50.2 34 42 43	14 16 58.23 34 28 52.2	18			0.75	Mg II	2798			1437	1437 2026						
1414+251 O		14 14 59.5 25 6 2	14 17 15.86 24 52 11.7	18.7			1.87	H I C IV	1216 1549			1439	1439						
1415+252 X	1E	14 15 2.3 25 13 22.8	14 17 18.55 24 59 32.7	20.5			1.057	C III Mg II	1909 2798			1416	1416				1048x		
1415+451 C	PG CSO 622	14 15 4.3 45 9 57	14 17 0.65 44 56 6.6	15.74			0.114	H I O III	4861 5007			1117	1117 2025		2011		1598sp,1729, 2005ir,2061uv, 2112x faint gals near,2118		
1415+254 X	1E	14 15 6.6 25 27 26.3	14 17 22.66 25 13 36.3	20.0			0.560	Mg II Ne V O II H I	2798 3426 3727 4340			1416	1416				1048x 9.35 arcmin from NGC 5548, 2118		
1415+254 O		14 15 8.3 25 28 45	14 17 24.34 25 14 55.1	19.3			2.31	H I C IV	1216 1549			1439	1439				9.88 arcmin from NGC 5548, 2118		
1415+087		14 15 8.6 8 47 28	14 17 36.66 8 33 38.3	19.8			2.50							1494					
1415+089		14 15 11.2 8 58 37	14 17 39.14 8 44 47.4	19.0			2.35							1494					
1415+463 R	4C 46.29 OQ 425 CSO 623	14 15 13.47 46 20 55.5	14 17 8.21 46 7 5.5	17.9			1.552	C IV C III	1549 1909			507 2025	538		534 945 993 1145 1166 2092		1526vlbi		
1415+093	H1420+012	14 15 40.9 9 21 27	14 18 8.56 9 7 38.6	18.8			2.512	H I N V Si IV C IV	1216 1240 1397 1549			2279	1494 2279						
1415+259 BL Lac X R	1E	14 15 41.3 25 57 14.8	14 17 56.89 25 43 26.2	16 *								1573		1800	1573		1573,1800pol, 1764,2107, 2112x IRAS source, 1806;0.237xgal 1573;35 arcmin from NGC 5548, 1764,2118		

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES	
1415+172	OQ 125	14 15 41.61	14 18 3.78	17.46	.50	-.94	0.821	C III 1909		166	009	1111	1202pol, 020,
R	MC 3	17 17 12.8	17 3 24.3					Mg II 2798				1888	343fc, 1451ubv
1416+091		14 16 12.2	14 18 39.97	19.7			2.010				1494		
		9 9 42	8 55 54.9										
1416-129	PG	14 16 21.3	14 19 3.84	15.40			0.129+	H I 4861		1117	1117	2011	1487, 1678,
C		-12 56 58	-13 10 44.6					O III 4959					1781, 2112x,
X								O III 5007					1222elp, 1195,
R													1753xvar,
													1598sp, 1646,
													2061uv,
													1646BAL, 1729,
													2005ir,
													1798uvabs
1416+091		14 16 23.3	14 18 51.11	17.0			2.015	C III 1909			1494		
		9 6 14	8 52 27.3					Mg II 2798			2251		
1416+136	H1400+082	14 16 24.51	14 18 49.20				(0.591)	Mg II 2798		2279	2279		
		13 38 44.7	13 24 58.0										
1416+159	MC 3	14 16 27.67	14 18 50.76	17.75	.37	-.74	1.478*	C III 1909	1.478	343	019	1111	1202pol,
R		15 54 52.1	15 41 5.5					Mg II 2798	1.473		1901	560	1485ubv
												2228	
												2263	
1416+067	3CR 298	14 16 38.78	14 19 8.19	16.79	.33	-.70	1.439*	C IV 1549	1.4405	050	102	128	008ubv,
R	4C 06.49	6 42 20.9	6 28 34.9					C III 1909	1.4380		571	462	1202pol,
X	PKS							Mg II 2798	1.3746		1901	777	1018phot,
	OQ 027.7								1.2729			789	749pos, 696,
	NRAO 441											801	912, 1107,
	DA 364											816	1980x,
	MSH 14+05											1393	1526vlbi, 161,
												1792	182, 295fc,
												1804	1983ir
												1891	faint gals
												2000	near, 1260, 2118
1416+254	1E	14 16 42.2	14 18 58.12	18.7			0.674	Mg II 2798		1416	1416		1048x
X		25 24 11.3	25 10 25.2										
1417-250	M16.09	14 17 1.1	14 19 52.73	18.0			1.88			2277	2277		
		-25 4 29	-25 18 13.8										
1417+385	UT	14 17 43.0	14 19 46.56	19.3			1.832	H I 1216		1437	1437		2144rvar
R	B3	38 35 32	38 21 48.3					C IV 1549		1990	2270		
								C III 1909					
1418+546	OQ 530	14 18 6.17	14 19 46.59	15.91*	.66	-.50				670	669	534	670, 877, 1098,
BL Lac	R GC	54 36 57.1	54 23 13.9							2025	1902	837	1541, 1730,
X	CSO 633										2054	988	1809, 1988,
											2129	1367	2046, 2062,
												1557	2167pol, 1243,
												1771	1649mf, 1348uv,
												1807	1013, 1056,
													1407phot, 899,
													1388rpol, 856,
													1012, 1141,
													1144ir,
													1337ubv,
													865pos, 829,
													2107, 2112x,
													669, 1003sp,
													510fc,
													1526vlbi,
													1789mm,
													2259imag
													1902avg Bmag
1418+020	UM 655	14 18 15.4	14 20 47.89	18			1.71	C III 1909		922	2130		
O		2 2 48	1 49 6.0					Mg II 2798					
1419+104	H1420+036	14 19 18.64	14 21 45.43	19.3			2.722	H I 1216		1440	1440		
O		10 24 50.4	10 11 11.0					C IV 1549			2279		
1419+315	B2	14 19 19.39	14 21 29.69	20.90			1.547	C IV 1549		1785	1785	1785	1785imag
R		31 32 43.7	31 19 4.1					C III 1909					

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1420+326	OQ 334		14 20 20.66	14 22 29.82	17.5							(0.685)	Mg II 2798		100	100		1888	1320rpol	
R	B2		32 36 40.2	32 23 3.1																
1421+122	DW		14 21 4.69	14 23 30.13	18.04*	.14	-.97	1.611*	H I 1216	1.3603	020	020	1201	789	1000	1202pol,129fc,				
R	OQ 135		12 13 26.7	11 59 51.8					N V 1240			100			1747	1485ubv,				
	PKS								Si IV 1397						2228	1526vlbi				
									O IV 1402						2263					
									C IV 1549											
									C III 1909											
1421-382	PKS		14 21 11.6	14 24 16.19	16.87	.04	-.54	0.407	Mg II 2798		300	1968				023	1320rpol,			
R	MSH 14-34		-38 12 55	-38 26 29.1					NeIII 3869			115			2056	1485ubv,				
									H I 4102							2145imag				
									H I 4340											
									H I 4861											
									O III 5007											
1421+330	MKN 679		14 21 17.52	14 23 26.07	16.70	.29	-1.05	1.904*	H I 1216	1.7590	201	009				560	704,1202pol,			
C	CSO 441		33 5 55.5	32 52 20.8					N V 1240	1.7177	2026					1242	853rnd,1113,			
									Si IV 1397	1.7010						1635	1242,2251sp,			
									C IV 1549	1.5847						1969	1451ubv,			
									He II 1640	1.462						2228	1478fc,			
									O III 1663	0.4565						2263	2174varnd			
									C III 1909								rnd at 11cm,			
																	1757			
1421-002			14 21 29.8	14 24 3.81	16.02				0.151			2280	2280							
			-0 13 24	-0 26 57.8																
1421+201	KP 45		14 21 36.9	14 23 56.47	19				1.48	C IV 1549		457	457				853rnd			
O			20 8 50	19 55 16.3						C III 1909			867				23.72 arcmin			
																	from 3C 300,			
																	2118			
1421+359	UT		14 21 44.1	14 23 49.75	17.5				1.57	C IV 1549		1437	1437							
R			35 56 6	35 42 32.4						C III 1909										
1422+231			14 22 21.0	14 24 38.12	16.5				3.62	H I 1216		2282	2282				2283ir			
R			23 9 32.7	22 56 0.9						N V 1240							grav lens 2282			
																	2283,2295			
1422+108	H1420+045		14 22 22.65	14 24 48.98					2.236	H I 1216		2279	2279							
			10 52 40.5	10 39 8.9						N V 1240										
										Si IV 1397										
										C IV 1549										
1422+202	4C 20.33		14 22 37.56	14 24 56.97	17.86	.44	-.69	0.871	C III 1909		202	102				128	059,083ubv,			
R	PKS		20 13 57.4	20 0 26.3					Mg II 2798			083				462	1201pol,831sp,			
X	OQ 235								Ar IV 2854							774	912,1980x,			
DA	367															775	1241xnd,033,			
																1170	203fc,1926,			
																1557	2180spext			
																1584				
																1792				
1422+200	KP 46		14 22 58.9	14 25 18.44	20.0				(2.0)			457	853				854rnd			
O			20 1 50	19 48 19.8																
1423+199	KP 47		14 23 21.4	14 25 40.94	19.5				1.82	H I 1216		457	867				853rnd			
O			19 59 33	19 46 3.8						C IV 1549			457							
1423+146	UT		14 23 25.6	14 25 49.16	19				0.78	C III 1909		1437	1437							
R			14 38 26	14 24 57.0						Mg II 2798										
1423+202	KP 49		14 23 33.4	14 25 52.70	20.5				2.24	O VI 1034		457	867				853rnd			
O			20 16 12	20 2 43.3						H I 1216			457							
1423+201	KP 48		14 23 33.4	14 25 52.78	20.5				1.82			457	853				853rnd			
O			20 10 3	19 56 34.3																
1423+242	4C 24.31		14 23 34.67	14 25 50.74	17.2				(0.649)	Mg II 2798		033	032			462	1201pol,831sp,			
R	CTD 87		24 17 32.1	24 4 3.4												774	052,1478fc			
	OQ 236															775				
	PKS															1111				
																1584				
																1888				
1423+203	KP 50		14 23 37.1	14 25 56.31	20				1.28	C IV 1549		457	457				853rnd			
O			20 22 59	20 9 30.5						C III 1909			867							

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1423+101 O		14 23 43.81 10 7 38.1	14 26 10.61 9 54 10.0	18.4			2.775	O VI 1034 H I 1216		1440 1440 565					
1423+201 O	KP 51	14 23 48.0 20 11 16	14 26 7.35 19 57 47.9	20.5			(2.27)	H I 1216		457 867 457					853rnd
1424-001		14 24 24.6 -0 7 30	14 26 58.54 -0 20 56.3	16.31			0.632			2280 2280					
1424-418 R	PKS	14 24 46.72 -41 52 54.4	14 27 56.35 -42 6 19.2	17.7			1.522	O IV 1402 C IV 1549 C III 1909 Mg II 2798		300 1861 1984		1861 2056			1800,2103pol
1424-118 R	PKS OQ 141 MSH 14-110	14 24 55.97 -11 50 25.6	14 27 38.17 -12 3 50.4	16.49	.42	-.70	0.806	Mg II 2798		494 1304 058 500			023		761sp,780ir, 307fc,1485ubv
1425-136	R16.06	14 25 2.9 -13 38 20	14 27 46.43 -13 51 44.5	17.19			2.00			2277 2277					
1425+200 C	MKN 813	14 25 5.7 20 3 17	14 27 25.04 19 49 52.3	15.0			0.111			1276 1414 1979					
1425+267 C B2 X OQ 242 R PB 3638 PG	TON 202	14 25 21.85 26 45 38.8	14 27 35.63 26 32 14.7	15.68*	.20	-.73	0.362	Mg II 2798 H I 4861 O III 4959 H I 6563		144 1467 1142 204 790 853 1790 2011					204,205, 322ubv,1355, 1693,1941uv, 1222elp,1028, 1202pol,1183, 1487,2112x, 749pos,799, 2005ir,1117sp, 1028mm,1133, 1362ext, 1478fc, 1469FeIIem 1207,1259,1261 1700imag/ext; 4.48 arcmin from spiral gal,0.0141zgal 1650,2118;
1425-274 R	PKS	14 25 33.6 -27 28 28	14 28 28.26 -27 41 51.0	16.0			(1.082)			188 1304			011 2056		761sp, 1526vlbi
1426-015 O		14 26 28.10 -1 31 57.5	14 29 3.03 -1 45 18.4	17.4	.64	1.96	3.42			2063 2063					2063rmag
1426+295 R	B2 OQ 244	14 26 32.62 29 32 26.9	14 28 43.77 29 19 5.9	18.5			(1.421)	C IV 1549 C III 1909		113 009			790 1794		
1426+428 BL Lac X	HEAO	14 26 35.9 42 53 46	14 28 32.57 42 40 24.8	16.45	.50	-.55				2034 2034 2260					2107x,2034ubv, 2259imag 0.129zgal, 17.6vgal,2034
1427+480 C	PG CSO 658	14 27 53.9 48 0 47	14 29 42.98 47 47 29.1	16.33			0.221	H I 4861 O III 4959 O III 5007		1117 1117 2025					1222elp, 1598sp,1729, 2005ir,2112x faint gals near,2118
1428+498 C	NGC 5660 UB 2	14 28 3 49 50 42	14 29 49.06 49 37 24.4	17.3			0.205			547					8.05 arcmin from NGC 5660, 1650,2118
1428+020 O		14 28 8.36 2 2 58.0	14 30 40.77 1 49 41.5	17.8			2.106			2183 2183					2183B(J)mag
1428-238	M16.08	14 28 26.3 -23 50 31	14 31 18.13 -24 3 46.4	17.3			1.88			2277 2277					
1429-010 O		14 29 7.22 -1 0 16.9	14 31 41.79 -1 13 30.8	17.0			0.659			2183 2183					2183B(J)mag
1429-006 O		14 29 9.39 -0 36 57.7	14 31 43.69 -0 50 11.5	17.8			1.179			2183 2183					2183B(J)mag

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1429+014 O		14 29 16.50 1 27 44.6	14 31 49.32 1 14 31.1	18.1			1.091			2183 2183					2183B(J)mag
1429+118 O	H1420+086	14 29 47.21 11 53 5.7	14 32 12.46 11 39 53.5	18.6			3.010+	H I 1216 C IV 1549		1440 1440 2279				2279	
1429-027 O		14 29 48.86 -2 46 36.3	14 32 24.70 -2 59 48.3	18.6			0.853			2183 2183					2183B(J)mag
1429+160 R	MC 3	14 29 53.44 16 1 34.5	14 32 15.55 15 48 22.5	19			1.005	C III 1909 C II 2326 Mg II 2798		343 019			1111		910rvar
1429-008 O		14 29 54.63 -0 53 4.1	14 32 29.12 -1 6 15.9	17.74			2.078	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		2036 2036 2183 2183					2036rmag grav lens,two images,sep 5.14 arcsec, rmag sec image 20.77,2036
1429-006 O		14 29 56.72 -0 39 17.2	14 32 31.05 -0 52 28.9	18.2			0.361			2183 2183					2183B(J)mag
1429+016 O		14 29 57.80 1 37 47.7	14 32 30.49 1 24 36.1	17.8			1.533			2183 2183					2183B(J)mag
1430+626 X	E	14 30 4 62 37 47	14 31 19.30 62 24 34.2	18.8			0.402	H I 4861 O III 5007		1417 1417					1417x
1430-007 O		14 30 9.92 -0 46 4.0	14 32 44.33 -0 59 15.1	17.8			1.022			2183 2183					2183B(J)mag
1430-178 R	PKS OQ 151 MC	14 30 10.56 -17 48 23.2	14 32 57.60 -18 1 34.1	19.5			2.331	LYB 1026 O VI 1034 H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 4155 C II 4267		188 501			011 2056		761,1304, 1445sp,865pos, 1445fc, 1526vlbi
1430+101 C	NGC 5669 UB 1	14 30 18 10 6 36	14 32 44.55 9 53 25.2	17.7			0.766			540 540					1.17 arcmin from anon gal, 0.0046zgal,6.0 arcmin from NGC 5669,2118
1430+054 X	1E	14 30 27.4 5 27 12.6	14 32 57.34 5 14 2.2	17.92			0.202	H I 4340 H I 4861		1233 1233					1233x
1430-006 O		14 30 46.97 -0 41 36.1	14 33 21.33 -0 54 45.5	16.4			1.116			2183 2183 2280					2183B(J)mag
1431+017 O		14 31 15.51 1 42 46.4	14 33 48.13 1 29 38.2	18.2			0.211			2183 2183					2183B(J)mag
1431-166 R	R17.08	14 31 41.8 -16 36 20	14 34 28.00 -16 49 26.8	17.3 *			2.45			2277 2277					
1432+489 C	NGC 5682 BSO 1	14 32 54.4 48 54 42.6	14 34 40.73 48 41 38.1	19.2			1.94	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909 MgVII 2513 MgVII 2632 Mg II 2798		206 206					1.58 arcmin from NGC 5682, 2.63 arcmin from NGC 5683, 8.17 arcmin from NGC 5689, 2118
1433+023 O		14 33 7.57 2 23 49.3	14 35 39.68 2 10 46.2	18.2			2.142			2183 2183					2183B(J)mag
1433+001 O		14 33 8.87 0 7 22.2	14 35 42.64 -0 5 40.8	18.4			0.965			2183 2183					2183B(J)mag
1433+177 R	4C 17.59 OQ 155 MC 3	14 33 36.12 17 42 36.5	14 35 56.65 17 29 34.5	18.2	.32	-1.35	1.203	C IV 1549 C III 1909 Mg II 2798		020 020 436 458			789 1111 1145		436ubv, 1320rpol,124, 343fc

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
1433+001 O		14 33 46.27 0 11 48.6	14 36 19.98 -0 1 12.7	18.5		0.583					2183	2183			2183B(J)mag	
1433-002 O		14 33 50.74 -0 16 3.3	14 36 24.79 -0 29 4.4	17.8		0.325					2183	2183			2183B(J)mag, 2183nem1	
1433-004 O		14 33 54.22 -0 25 39.0	14 36 28.39 -0 38 39.9	18.6		2.042					2183	2183			2183B(J)mag	
1434-006 O		14 34 10.67 -0 38 50.1	14 36 45.00 -0 51 50.3	18.5		1.274					2183	2183			2183B(J)mag	
1434-009 O		14 34 15.55 -0 59 27.8	14 36 50.13 -1 12 27.8	18.2		1.673					2183	2183			2183B(J)mag	
1434+003 O		14 34 30.45 0 20 4.8	14 37 4.06 0 7 5.5	17.5		0.14					2183	2183			2183B(J)mag	
1434-076 R	PKS OQ 058	14 34 39.3 -7 40 44	14 37 18.83 -7 53 42.8	17.5		0.697	Mg II 2798				188	1304 522		011	761sp	
1435-311 R	PKS	14 35 11.40 -31 9 29.4	14 38 10.80 -31 22 26.4	19.0		1.29	C IV 1549 C III 1909 Mg II 2798				031	1004		384 2056	1004fc	
1435-015 O		14 35 13.23 -1 34 13.5	14 37 48.24 -1 47 10.8	16.0		1.310					2183	2183 2280			2183B(J)mag	
1435-218 R	PKS OQ 259	14 35 18.66 -21 51 56.7	14 38 9.47 -22 4 53.5	17.9		(1.194)	Mg II 2798				188	418		011 2056	1526vlbi	
1435+015 O		14 35 24.66 1 30 51.7	14 37 57.40 1 17 54.9	18.3		0.633					2183	2183			2183B(J)mag	
1435+315 R	B2 PB 3697	14 35 31.41 31 31 58.3	14 37 39.42 31 19 1.4	18		1.366	C IV 1549 C III 1909				138	152		790 1145 1436 1790 1881		
1435+383 R	UT CSO 479	14 35 33.0 38 20 41	14 37 33.56 38 7 44.0	18		1.61	C IV 1549 C III 1909				1437 2026	1437 1989			1989fc	
1435+248 R X	4C 24.32 OQ 261 B2	14 35 34.26 24 52 2.7	14 37 48.58 24 39 6.0	19		1.01	C IV 1549 He II 1640 C III 1909 Mg II 2798				033	032		462 774 1111	831sp,873x, 1320rpol, 523fc	
1435+638 R		14 35 37.15 63 49 35.9	14 36 45.72 63 36 38.0	15		2.068*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909	1.9235 1.5825 1.4792 1.4590			510 581	580 1872		988 1145 2228 2263	1872 2251sp,1617ir, 1526vlbi	
1435-067 C X R	PG	14 35 37.5 -6 45 22	14 38 16.37 -6 58 18.1	15.54		0.129	H I 4861 O III 4959 O III 5007				1117	1117		2011	1222elp,1487, 1980,2112x, 1536ext, 1598sp,1729, 2005ir	
1435+172 R	MC 3	14 35 40.63 17 13 42.5	14 38 1.40 17 0 46.2	18		1.47	C IV 1549 C III 1909 Mg II 2798				343	019		1111		
1435+355 R	UT	14 35 52.7 35 32 37	14 37 56.42 35 19 41.0	18		0.54	Mg II 2798 H I 4102 H I 4340				1437	1437				
1435+024 O		14 35 55.58 2 28 1.8	14 38 27.62 2 15 6.4	18.1		1.675					2183	2183			2183B(J)mag	
1436+002 O		14 36 58.24 0 17 44.8	14 39 31.88 0 4 52.3	18.3		1.399					2183	2183			2183B(J)mag	
1437+624 R	OQ 663	14 37 32.03 62 24 47.9	14 38 44.81 62 11 55.4	19		1.09	C III 1909 C II 2326 Mg II 2798 O II 3727				507	342		1521	510fc	

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V) (U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1437+024 O		14 37 36.24 2 24 30.5	14 40 8.30 2 11 39.8	17.6		0.821			2183 2183					2183B(J)mag
1437-017 O		14 37 46.74 -1 43 37.1	14 40 21.89 -1 56 27.3	18.1		0.717			2183 2183					2183B(J)mag
1437+000 O		14 37 50.31 0 2 11.5	14 40 24.14 -0 10 38.5	18.5		1.408			2183 2183					2183B(J)mag
1438-010 O		14 38 12.10 -1 5 2.8	14 40 46.77 -1 17 51.8	18.5		1.644			2183 2183					2183B(J)mag
1438-347 R	PKS	14 38 20.35 -34 43 56.6	14 41 24.00 -34 56 44.7	16.6		1.159	C IV 1549 C III 1909 Mg II 2798		1004 1004		384 2056			1526vlbi, 1898pos
1438+000 O		14 38 23.37 0 2 57.2	14 40 57.19 -0 9 51.3	17.8		1.441			2183 2183					2183B(J)mag
1438+021 O		14 38 27.24 2 10 33.4	14 40 59.47 1 57 45.0	18.4		0.797			2183 2183					2183B(J)mag
1439+007 O		14 39 28.52 0 47 34.8	14 42 1.78 0 34 49.3	18.4		1.857			2183 2183					2183B(J)mag
1439-053 X	1E	14 39 53.1 -5 20 42.1	14 42 31.00 -5 33 26.3	17.24		0.620	Mg II 2798		1233 1233					
1440+178 R		14 40 5.38 17 49 46.6	14 42 25.35 17 37 2.6	18		1.418	C IV 1549 C III 1909		476 476					
1440+018 O		14 40 17.97 1 49 37.7	14 42 50.45 1 36 54.6	18.2		1.169			2183 2183					2183B(J)mag
1440-004 O		14 40 25.75 -0 24 41.6	14 42 59.92 -0 37 24.3	17.8		1.814			2183 2183					2183B(J)mag
1440+019 O		14 40 37.27 1 54 44.2	14 43 9.68 1 42 2.0	17.2		1.359			2183 2183					2183B(J)mag
1440-025 O		14 40 38.35 -2 34 40.9	14 43 14.16 -2 47 23.0	17.3		0.678+			2183 2183			2183		2183B(J)mag
1440-030 O		14 40 42.48 -3 3 19.4	14 43 18.66 -3 16 1.3	18.6		0.754			2183 2183					2183B(J)mag
1441+100 O		14 41 16.3 10 4 39	14 43 42.43 9 51 58.5	19.5		1.860	H I 1216 C IV 1549 C III 1909		1438 1438 1692					
1441+522 R	3C 303C 4C 52.33	14 41 22.67 52 14 18.2	14 43 0.61 52 1 37.0	19.97	.08 -.59	1.57 *	C IV 1549 C III 1909 Mg II 2798	0.450	427 429 428		917 2178			428ubv,429fc, 1526vlbi, 2174varnd 20 arcsec from 3C 303,m=21.7, 0.450zgal, 4.3 arcsec S,2118, 2178
1441+148 R	UT	14 41 24.7 14 48 48	14 43 47.06 14 36 7.8	18.5		1.43	C III 1909 Mg II 2798		1437 1437					
1441+017 O		14 41 27.17 1 42 36.8	14 43 59.73 1 29 56.9	17.2		0.296			2183 2183					2183B(J)mag
1441+099 O		14 41 28.8 9 59 29	14 43 54.99 9 46 49.1	19.0		0.885	C III 1909 Mg II 2798		1438 1692					
1441+015 O		14 41 38.36 1 34 39.0	14 44 11.02 1 21 59.7	18.4		0.753			2183 2183 LBQS					2183B(J)mag
1441+102 O		14 41 48.2 10 12 29	14 44 14.21 9 59 50.0	19.0		0.938	C III 1909 Mg II 2798		1438 1692					
1441+106 O		14 41 51.6 10 36 53	14 44 17.29 10 24 14.2	19.8		2.145*	H I 1216 N V 1240 Si IV 1397 C IV 1549		1438 1723 1692					1723BAL



TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1442+117 R	MC 2	14 42 26.03 11 44 35.0	14 44 50.80 11 31 57.8	18			0.852	C III 1909 O II 2470 Mg II 2798		020	044 019		1111 1888	343fc	
1442+105 O		14 42 26.6 10 32 24	14 44 52.32 10 19 46.8	20.1			1.899	H I 1216 C IV 1549 C III 1909		1438	1438 1692				
1442+105 O		14 42 28.4 10 34 35	14 44 54.09 10 21 57.9	19.1			1.500	C IV 1549 C III 1909		1438	1692				
1442+099 O		14 42 29.7 9 56 14	14 44 55.90 9 43 37.0	20.4			0.858	C III 1909 Mg II 2798		1438	1692				
1442-001 O		14 42 40.84 -0 11 21.9	14 45 14.84 -0 23 58.2	18.2			2.229+			2183	2183			2183B(J)mag, 2183BAL	
1442+295 O		14 42 44.4 29 31 42	14 44 53.49 29 19 5.4	16.2			2.67	H I 1216		1993	1993				
1442+101 R X	OQ 172 MC 2	14 42 50.48 10 11 12.2	14 45 16.47 9 58 36.2	17.26	.80	-.37	3.535*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 2.6705 2.6336 2.5631 2.1700 2.0701 1.6196	3.1101 3.0663 3.0473 2.6939 2.6705 2.6336 2.5631 2.1700 2.0701 1.6196	110 1438 2049 2281	207 430 2049 2281	775 816 852 2162	207 208 1872 1901	106,481ubv, 873,1980x, 750pos, 936rvar,597, 2004 911,986sp, 2049 1092,1617ir, 2228 1382mm, 2263 1526vlbi,165, 343fc,1941uv Ly alpha abs, 1870; 1902avg ph mag	
1443+105 O		14 43 2.7 10 34 17	14 45 28.37 10 21 41.6	20.3			1.496	C IV 1549 C III 1909		1438	1692				
1443+099 O		14 43 3.9 9 58 5	14 45 30.05 9 45 29.6	19.7			0.827	C III 1909 Mg II 2798		1438	1692				
1443+103 O		14 43 6.3 10 23 23	14 45 32.11 10 10 47.7	19.8			0.780	C III 1909 Mg II 2798		1438	1692				
1443+101 O		14 43 9.2 10 7 5	14 45 35.23 9 54 29.9	20.4			1.005*	C III 1909 Mg II 2798		1438	1723 1692			1723BAL	
1443-000 O		14 43 10.69 -0 4 40.1	14 45 44.61 -0 17 15.0	18.4			1.772			2183	2183			2183B(J)mag	
1443+016 O		14 43 12.74 1 41 47.8	14 45 45.30 1 29 13.0	18.2			2.451+			2183	2183			2183B(J)mag, 2183BAL	
1443-010 O		14 43 24.89 -1 0 43.2	14 45 59.53 -1 13 17.4	18.3			1.793			2183	2183			2183B(J)mag	
1443+099 O		14 43 32.2 9 57 12	14 45 58.34 9 44 38.0	19.2			1.092	C IV 1549 C III 1909 Mg II 2798		1438	1692				
1443-021 O		14 43 45.75 -2 7 50.4	14 46 21.25 -2 20 23.6	18.5			0.397			2183	2183			2183B(J)mag	
1443+104 O		14 43 50.0 10 26 31	14 46 15.74 10 13 57.8	18.8			(1.17)	C III 1909 Mg II 2798		1438	1692				
1443+002 O		14 43 51.43 0 13 14.4	14 46 25.12 0 0 41.4	18.4			1.017			2183	2183			2183B(J)mag	
1443+102 O		14 43 54.5 10 15 44	14 46 20.38 10 3 11.1	19.7			0.732	C III 1909 Mg II 2798		1438	1692				
1444+103 O		14 44 0.0 10 18 28	14 46 25.84 10 5 55.3	20.4			1.923	H I 1216 C IV 1549 C III 1909		1438	1692				
1444-003 O		14 44 12.26 -0 19 11.9	14 46 46.37 -0 31 43.8	18.2			0.696			2183	2183			2183B(J)mag	

TABLE 1—Continued

	OTHER NAMES	RA (1950)	RA (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R	
1444+100 O		14 44 13.1 10 4 3	14 46 39.13 9 51 31.0	19.4			1.183	C IV 1549 C III 1909 Mg II 2798		1438 1692				
1444+105 O		14 44 14.8 10 30 29	14 46 40.47 10 17 57.0	19.3			1.812	H I 1216 C IV 1549 C III 1909		1438 1438 1692				
1444+014 O		14 44 20.28 1 26 27.7	14 46 53.03 1 13 56.1	18.5			2.206			2183 2183				2183B(J)mag
1444+102 O		14 44 24.1 10 16 24	14 46 49.96 10 3 52.5	18.6			2.068	H I 1216 C IV 1549 C III 1909		1438 1438 1692				
1444+105 O		14 44 26.3 10 31 5	14 46 51.96 10 18 33.6	19.4			(2.2)	H I 1216 C IV 1549		1438 1438				
1444+417 R	B3	14 44 28.3 41 45 46	14 46 22.81 41 33 14.1	18.2			(0.675)	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 O III 4363		1990 2270				
1444+217 R	PKS	14 44 34.4 21 44 28	14 46 50.65 21 31 56.8	18			1.400	C IV 1549 C III 1909		831		086		
1444-012 O		14 44 42.67 -1 12 12.1	14 47 17.46 -1 24 42.6	18.3			2.152			2183 2183				2183B(J)mag
1444-030 O		14 44 44.22 -3 0 19.0	14 47 20.40 -3 12 49.4	18.4			0.548			2183 2183				2183B(J)mag
1444+407 C	PG CSO 505	14 44 50.2 40 47 37	14 46 45.96 40 35 6.2	15.95			0.267	Ne V 3426 H I 4340 H I 4861		1117 1117 2026				1598sp,1729, 2005ir, 1700imag, 2112x,2061uv faint gals near,2118
1445-018 O		14 45 6.47 -1 51 9.9	14 47 41.77 -2 3 39.2	18.5			1.420			2183 2183				2183B(J)mag
1445-025 O		14 45 8.81 -2 31 39.0	14 47 44.63 -2 44 8.2	18.0			1.734			2183 2183				2183B(J)mag
1445+023 O		14 45 14.88 2 22 16.3	14 47 46.90 2 9 47.3	18.5			0.775			2183 2183				2183B(J)mag
1446+023 O		14 46 5.63 2 18 54.9	14 48 37.69 2 6 28.4	17.9			0.672			2183 2183				2183B(J)mag, 2183neml
1446+024 O		14 46 9.37 2 25 0.1	14 48 41.35 2 12 33.8	17.9			0.212			2183 2183				2183B(J)mag
1446+004 O		14 46 23.23 0 27 35.9	14 48 56.73 0 15 10.3	18.5			0.832			2183 2183				2183B(J)mag
1446+003 O		14 46 34.66 0 20 49.2	14 49 8.25 0 8 24.1	18.5			1.626			2183 2183				2183B(J)mag
1446-005 O		14 46 56.22 -0 35 22.0	14 49 30.54 -0 47 46.0	18.1			0.254			2183 2183				2183B(J)mag
1448+008 O		14 48 3.45 0 49 45.0	14 50 36.66 0 37 24.3	18.6			1.079			2183 2183				2183B(J)mag 2183strong uvFeIIem
1448-232 R	PKS OQ 279	14 48 9.23 -23 17 10.7	14 51 2.49 -23 29 30.8	16.96	.17	-.52	2.215*	H I 1216 N V 1240 Si II 1263 O I 1304 Si IV 1397 C IV 1549 C III 1909	1.7235 1.5846 1.5260 1.3383	409 409 618 418 1304	1162 954 1818 1514 2056 1549 2020 2228 2263	954 1514 1549 1485ubv,421fc, 1526vlbi, 1686x Ly alpha abs, 1870		
1449+588 C	MKN 830	14 49 7.3 58 52 4	14 50 26.75 58 39 44.8	16.0			0.210			1276 1414 1976				

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES		
1449-012	PKS R 4C 00.57 OQ 081	14 49 12.57 -1 15 17.8	14 51 47.42 -1 27 35.1	18			1.319	C IV 1549 He II 1640 C III 1909 C II 2326 Mg II 2798		026	084 094 436 748	775 789	1032,1181sp, 1526vlbi	
1451+102	O	14 51 5.2 10 17 7	14 53 30.79 10 4 55.1	20.13			2.170	H I 1216 C IV 1549 C III 1909		1859			1859fc	
1451-375	PKS R	14 51 18.25 -37 35 22.9	14 54 27.38 -37 47 33.3	16.69	.09	-.77	0.314	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		103	058 094	1145 1167 2056	780ir,865pos, 940ext,1355, 1941uv, 1485ubv, 1420sp, 1420FeIIem, 1526vlbi, 2103pol, 2145imag	
1451+097	4C 09.52 R PKS OQ 085	14 51 27.9 9 46 33	14 53 53.89 9 34 22.3	18.5			0.632	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869		124	084 436	775 789		
1451+172	MC 3 BL Lac R	14 51 36.1 17 13 9	14 53 55.80 17 0 58.6	17.9						343		1086	634,877pol, 634sp,2112x IRAS source, 1806	
1451+123	H1500+013 O	14 51 54.82 12 23 2.3	14 54 18.63 12 10 52.9	18.6			3.256*	O VI 1034 H I 1216 N V 1240 C IV 1549	3.165 2.470 2.254	1440	1440 2279		2243	Ly limit abs, 2247
1452+301	OQ 287 R B2 GC	14 52 25.23 30 8 6.9	14 54 32.49 29 55 58.7	18.5			0.58	Mg II 2798 H I 4861 O III 4959 O III 5007		100	100 443	789 790 1790	831sp,113fc, 1526vlbi	
1452-217	PKS R OQ 288	14 52 45.5 -21 47 29	14 55 37.78 -21 59 35.4	18.6			0.780	Mg II 2798 Ne V 3426 O II 3727		188	1304 418	011 2056	761sp, 1526vlbi	
1453-109	MSH 14-121 R PKS DW OQ 190	14 53 12.22 -10 56 39.9	14 55 55.00 -11 8 45.1	17.34	.58	-.77	0.938	C III 1909 Mg II 2798 O III 3133 Ne V 3426		210	098 209	128 775 2056	003,1485ubv, 1201pol,287sp, 057,182,243fc	
1454-060	PKS R 4C 05.62 OQ 090 MSH 14-018	14 54 2.58 -6 5 40.4	14 56 41.38 -6 17 43.1	18.03	.36	-.82	1.249	C III 1909 Mg II 2798		112	101 018	128 801	059,112ubv, 077fc	
1455-141	R18.18	14 55 10.6 -14 8 34	14 57 56.19 -14 20 33.2	17.74			2.04			2277	2277			
1455+123	H1500+012 O	14 55 43.93 12 21 34.9	14 58 7.58 12 9 37.0	18.7			3.062	H I 1216 Si IV 1397 O IV 1402		1440	1440 2279			
1455+348	R	14 55 55.87 34 51 48.1	14 57 57.31 34 39 50.3	20.0			2.732			1446	1447	2162		
1456+092	MC 2 R OQ 095	14 56 56.98 9 16 1.8	14 59 23.20 9 4 7.7	18.5			1.991	H I 1216 C IV 1549 C III 1909		020	009 020	1818 1891	166fc	
1457+087	O	14 57 14.45 8 42 4.7	14 59 41.13 8 30 11.5				3.163	O VI 1034 H I 1216 Si IV 1397 O IV 1402 C IV 1549		1440	1440			

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1458+718	3CR 309.1	14 58 56.69	14 59 7.68	16.78*	.46	-.77	0.905	C III 1909	064	101	492	128	003ubv,1202,						
R	4C 71.15	71 52 11.3	71 40 20.0					C II 2326	1811	002		462	2103pol,1280,						
X	PKS							Mg II 2798		005		882	1526,1862vlbi,						
	NRAO 464											884	912,1107,						
S5												937	1980x,324,551,						
												1340	958,2066,						
												1393	225isp,						
												1804	958FeIIem,						
												1888	744pos,158,						
												1891	245,306fc,						
												2000	1688imag,						
												2013	2104rmap						
													6.20 arcmin						
													from NGC 5832,						
													1650; faint						
													gals near,2118						
1459+102		14 59 49.8	15 2 15.06	17.78			0.93		1425										
		10 16 49	10 5 3.7																
1500+114		15 0 19.00	15 2 43.22	17.5			0.39	Ne V 3426	2235	2235									
O		11 27 43.0	11 15 59.2					O II 3727											
R								NeIII 3968											
1500+102		15 0 40.5	15 3 5.71	17.78			1.59		1425										
		10 17 56	10 6 13.4																
1501+450		15 1 1.3	15 2 47.47	19.5			2.55	H I 1216	1387	1387									
O		45 5 18	44 53 35.6																
1501+220		15 1 43.62	15 3 58.16	19.1 *	.60	-.60	0.835	C III 1909		573	573		573ubv						
C		22 0 59.2	21 49 19.6					Mg II 2798											
1501+242		15 1 51.94	15 4 4.31	19.0 *	.40	-.40	(0.366)	Mg II 2798		573	573		573ubv						
C		24 12 37.8	24 0 58.6																
1502+106	MC 2	15 2 0.15	15 4 24.98	18.56*	.41	-.51	1.839	H I 1216	213	019	1800	775	761,831,						
R	OR 103	10 41 17.3	10 29 38.8					C IV 1549				789	1304sp,						
	PKS							C III 1909				1152	936rvar,						
	4C 10.39											1544	1241xnd,096,						
												1807	166,343fc,						
													1422ubv,						
													1617ir,						
													1526vlbi,						
													1789mm,1800,						
													2103pol,						
													1805mmvar,						
													2100FeIIem						
													Conflicting						
													comments re z						
													in 019,501,						
													1304.						
1502+105		15 2 3.5	15 4 28.48	17.79			1.00		1425										
		10 30 35	10 18 56.7																
1502+117		15 2 17.2	15 4 41.12	17.36			1.41		1425										
		11 43 19	11 31 41.4																
1502+036	PKS	15 2 35.69	15 5 6.50	18.14	.47	-.56	0.411	Mg II 2798	026	436		789	436ubv,						
R		3 38 7.2	3 26 30.7					NeIII 3869				1877	1526vlbi						
								O III 5007					1902avg ph mag						
1502+455		15 2 52.4	15 4 37.39	20.5			3.06	H I 1216	1387	1387									
O		45 34 6	45 22 29.3																
1502+602	3C 311	15 2 58.83	15 4 9.17	18			1.022	C III 1909	139	073		1891	831sp						
R	4C 60.19	60 12 33.4	60 0 56.2					C II 2326		133		1996							
	NRAO 467							Mg II 2798											
	OR 605																		
	DA 375																		
1503+118		15 3 0	15 5 23.75				2.792*	H I 1216	2.597	1550			1550						
O		11 53 0	11 41 24.6										1551						
													2263						
1503+455		15 3 10.3	15 4 55.29	21.0			2.42	C IV 1549	1387	1387									
O		45 31 54	45 20 18.3					C III 1909											

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC	(1950)		DEC	(2000)									Z	VAR	R	ABS	
1503+691	4C 69.18 R OP 372.2 B2	15 3 44.9 69 7 46	15 4 13.31 68 56 10.1	17.0			0.318	Mg II 2798 O II 3727 NeIII 3869 H I 4102 H I 4861 O III 4959 O III 5007 Ca II 7323				581 580 1111						1003sp	
1503+118	H1500+009	15 3 53.01 11 53 12.4	15 6 16.72 11 41 39.8				2.795	H I 1216 Si IV 1397 C IV 1549				2279 2279							
1504+106	O	15 4 1.46 10 41 7.2	15 6 26.21 10 29 35.1	19.5			3.073*	N V 1240	3.027 2.993	1227 1227 1440							1227	1208,1227BAL	
1504+217	KP 52 O	15 4 1.5 21 42 3	15 6 16.16 21 30 30.7	18.5			1.16	C IV 1549 C III 1909				457 457 867						853rnd	
1504-164	MC R	15 4 4.64 -16 26 21.9	15 6 52.78 -16 37 53.4	19.0			1.790+	Si IV 1397 C IV 1549 C III 1909 C II 2326				1445 1445				048 1445 2056			
1504-166	MC R OR 102 X PKS	15 4 16.39 -16 40 58.6	15 7 4.76 -16 52 29.4	18.5 *			0.876	C III 1909 Mg II 2798 O II 3727 NeIII 3869				466 466 1800 1792 2056						1241x,1466, 1526vlbi, 1483rvar, 1789mm,1800, 2103pol, 1810pos	
1504+543	CSO 722	15 4 45.0 54 23 24	15 6 11.52 54 11 52.8	17			(1.90)	H I 1216 C IV 1549				2025 2025							
1504+216	KP 53 O	15 4 48.6 21 40 35	15 7 3.22 21 29 5.2	21.0			2.31	H I 1216 C IV 1549				457 867						853rnd	
1504+219	KP 54 O	15 4 52.7 21 59 37	15 7 7.01 21 48 7.4	20.5			2.14					457 853						853rnd	
1504+241	LB 9433 C	15 4 58.78 24 8 23.3	15 7 10.94 23 56 53.9	17.23			(0.354)	Mg II 2798				573							
1505+559	NGC 5866 C BSO 1	15 5 6 55 57 0	15 6 28.41 55 45 29.8	18.1			0.706					547						873xnd 7.27 arcmin from NGC 5866, 2118	
1505+218	LB 9436 C	15 5 12.28 21 53 34.2	15 7 26.66 21 42 5.6	18.98	-.20	-.40	2.13	H I 1216 O IV 1402 C IV 1549				030 591						214ubv,853rnd	
1506+339	UT R	15 6 22.6 33 58 25	15 8 23.66 33 46 59.8	18.5			2.20	C IV 1549 C III 1909				1437 1437							
1507+245	LB 9449 C	15 7 1.82 24 30 50.5	15 9 13.41 24 19 27.7	18.33			0.184	Mg II 2798 O II 3727 H I 4102 H I 4340 H I 4861 O III 5007				573							
1507+256	C	15 7 52 25 36 0	15 10 2.38 25 24 39.8	18.28*	.50	-1.00	1.387	C IV 1549 C III 1909				573 573						573ubv	
1507+245	LB 9459 C	15 7 59.84 24 33 56.4	15 10 11.29 24 22 36.6	17.62			1.262	C IV 1549 C III 1909				573							
1508-055	PKS R OR 015 4C 05.64 MSH 15-05	15 8 14.93 -5 31 48.8	15 10 53.55 -5 43 7.2	17.21	.23	-.66	1.185	C IV 1549 C III 1909 Mg II 2798				097 1304 094 1111				775		1202,2103pol, 761sp,780ir, 1485ubv, 1526vlbi, 1352spvar	
1508+168	UT R	15 8 19.7 16 51 29	15 10 38.68 16 40 10.5	18.0			1.82	H I 1216 C IV 1549				1437 1437							
1508+087	O	15 8 20.82 8 46 53.9	15 10 47.09 8 35 35.6	19.5			2.995	H I 1216 C IV 1549				1440 1440							

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES		Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1508+242	LB 9466		15 8 29.71	15 10 41.47	18.19							1.316	C IV 1549			573					
	C		24 13 13.9	24 1 55.8									C III 1909								
1508+098			15 8 41.9	15 11 7.26	19.4						(2.4)		O VI 1034		1438	1438					
	O		9 48 12	9 36 54.8									H I 1216								
1508-325	PKS		15 8 45.19	15 11 50.54	18.5							1.105	C III 1909		418	1251		1251			
	R		-32 31 41.0	-32 42 57.1									Mg II 2798					2056			
1509-092			15 9 3.4	15 11 45.33	19.9							1.9	H I 1216		1439	1439					
	O		-9 17 9	-9 28 24.7																	
1509+247	LB 9477		15 9 6.26	15 11 17.45	18.34*							0.796	C III 1909			573	573				
	C		24 43 1.1	24 31 44.9									Mg II 2798								
1509+102			15 9 6.3	15 11 31.28	20.2						(2.1)		H I 1216		1438	1438					
	O		10 12 55	10 1 39.1									C IV 1549								
1509+228	LB 9483		15 9 30.94	15 11 44.01	18.42							1.720	H I 1216			573					
	C		22 51 9.1	22 39 54.3									Si IV 1397								
													O IV 1402								
													C IV 1549								
1509+158	MC 3		15 9 52.48	15 12 12.30	18.2				.66	-.79	0.828		C III 1909		020	019		789		436ubv,087,	
	R		15 51 39.7	15 40 26.2									Mg II 2798			436		1111		343fc	
	4C 15.45												O III 3133					1888			
	OR 118												Ne V 3426					2092			
													NeIII 3869								
													H I 4340								
1510+115			15 10 0	15 12 23.80								2.106*	Si IV 1397	2.1011	1872			1872	BAL?		
	O		11 30 0	11 18 47.0									O IV 1402	2.0897				2228			
													C IV 1549	0.0001				2263			
1510-089			15 10 0.5	15 12 42.18	20.4							2.1	H I 1216		1439	1439		1557			
	O		-8 57 48	-9 9 0.6														1888			
1510+210			15 10 5.25	15 12 20.10	18.8 *				.20	-.90	1.849		H I 1216			573	573			573ubv	
	C		21 1 46.1	20 50 33.2									N V 1240								
													Si IV 1397								
													O IV 1402								
													C IV 1549								
1510+243	LB 9491		15 10 6.81	15 12 18.33	17.94							2.107	H I 1216			573					
	C		24 18 53.7	24 7 40.8									Si IV 1397								
													O IV 1402								
													C IV 1549								

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1510-089	PKS		15 10 8.90	15 12 50.54	16.74*	.17	-.74	0.361*	Mg II 2798	0.351			057	101 080 128 101	112,1451ubv,			
	R	OR 017	-8 54 47.2	-9 5 59.4					Ne V 3426					1968 252 837 1420	156,704,900,			
	X								H I 4102					2294 253 1452 2228	1201,1202,			
									H I 4340					290 1721 2263	1730,1988,			
									H I 4861					492 1771	2062,2103pol,			
									O III 4959					718 1792	801,879,936,			
									O III 5007					756 1807	1204,1322rvar,			
														875 1930	899,1388rpol,			
														1068 1937	324,761,776,			
														1902	958,1304,1420,			
														2054	1467,2151,			
														2174	2229sp,1056,			
															1852phot,1207,			
															1261,1688,			
															1700,2145imag,			
															1028,1789mm,			
															780,799,886ir,			
															958,1420,			
															1467FeIIem,			
															873,1980,			
															2171x,847pos,			
															1466,1526vlbi,			
															1567,1649mf,			
															112fc,1891uv,			
															1942uvvar,			
															2151syi			
															0.42 arcmin			
															from anon			
															gal,0.2536			
															zgal,1650,2118			
															IRAS source,			
															1806; 1902avg			
															ph mag			
1510+258	LB 9497		15 10 17.61	15 12 27.53	19.26*				1.966	H I 1216				573 573				
	C		25 49 21.1	25 38 8.7						N V 1240								
										O IV 1402								
										C IV 1549								
1510+092	H1500+008		15 10 18.98	15 12 44.76					2.42	H I 1216			2279 2279					
			9 16 7.3	9 4 55.4						C IV 1549								
1510+237	LB 9502		15 10 25.36	15 12 37.43	18.90*	.22	-.82	1.887	H I 1216					573 573		573ubv		
	C		23 45 13.7	23 34 1.8					Si IV 1397									
									O IV 1402									
									C IV 1549									
1510+390	E		15 10 37	15 12 30.74	19.0	-.30		0.228					1417 1417			1417x		
	X		39 2 3	38 50 51.3														
1510+105			15 10 39.89	15 13 4.49	19.5				3.053+	H I 1216			1440 1440			1440		
	O		10 34 41.7	10 23 30.9						N V 1240								
1511+091			15 11 0	15 13 25.91					2.878*	Si IV 1397	2.8853		1872		1872	BAL?		
	O		9 6 0	8 54 50.3						O IV 1402	2.8668				2228			
										C IV 1549	2.8606				2263			
											2.8469							
											2.8389							
											2.6702							
											2.5596							
1511-100	PKS		15 11 2.3	15 13 44.94	14.7				1.513	C IV 1549			188 1304		188	761sp,		
	R		-10 0 50	-10 11 59.2						He II 1640					2056	1526vlbi,		
										C III 1909						1352spvar,		
										Mg II 2798						1789mm		
1511+103	MC 2		15 11 4.56	15 13 29.33	17.73	.32	-.74	1.546*	C III 1909	0.4370		020 019		1818 560	1451,1485ubv,			
	R		10 22 15.2	10 11 5.7					Mg II 2798			1438		1891 1635	343fc,1202pol,			
														1747	1617ir			
														2228	6.7arcsec from			
														2263	anon gal,0.436			
															zgal,2118,2262			
1512+132			15 12 3.95	15 14 26.04	19.5				3.112	H I 1216			1440 1440					
	O		13 16 58.2	13 5 51.9						N V 1240								
1512+239	LB 9537		15 12 44.26	15 14 55.90	18.61			(1.341)	C IV 1549				573					
	C		23 58 46.5	23 47 42.1					C III 1909									

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1512+000			15 12 45.6	15 15 19.46	19.7							1.56			2278	2278				2278uv
O			0 0 0	-0 11 3.8																
1512+370		4C 37.43	15 12 46.87	15 14 43.07	15.5	-.02	-.88	0.371				Mg II 2798			203	018		462		1337,1451ubv,
R		OR 321	37 1 55.2	36 50 50.6								Ne V 3426			2026	032		774		1202pol,
X		B2										NeIII 3869				1731		775		749pos,799,
		PG										O III 4363						800		1617,1729,
		CSO 571										H I 4861						2011		2005ir,831,
												O III 4959								1117,1467,
												O III 5007								1922sp,
																				1108absr,1183,
																				2112x,1223,
																				1362,1759ext,
																				1320rpol,1355,
																				1628,1693,
																				1941,2061uv,
																				033,524fc,
																				1469FeIIem,
																				1682,1700imag,
																				1865phot,
																				2180spext
																				0.18 arcmin
																				from anon
																				gal,1650;
																				faint gals
																				near,2118
1513+254			15 13 5.12	15 15 15.17	19.1	.20	-1.30	1.392				C IV 1549				573				573ubv
C			25 27 23.7	25 16 20.4								C III 1909								
1513-000			15 13 33.3	15 16 7.23	18.8							1.48			2278	2278				2278uv
O			-0 4 43	-0 15 44.2																
1514-000			15 14 22.7	15 16 56.62	20.0							1.81			2278	2278				2278uv
O			-0 3 40	-0 14 38.5																
1514+197		GC	15 14 40.98	15 16 56.80	18.5 *	.66	-.45								165		323	1086		323ubv,323pol,
BL Lac R		PKS	19 43 10.8	19 32 12.9														1367		044,761,
X																				2199sp,829,
																				2112x,865pos,
																				1526vlbi,
																				2259imag
1514-241		AP LIB	15 14 45.30	15 17 41.85	15 *	.80	-.29								191		716	837	761	323,525,527,
BL Lac V		OR 225	-24 11 22.4	-24 22 19.1													745	1084		653,662ubv,
X		PKS															754	1127		323,553,642,
R																	755	1160		662,1626,1988,
																	1068	1212		2062pol,1348,
																	1802	1367		1679uv,781,
																	2054	1557		886,1012,
																		2056		1141ir,384,
																				525,553,662,
																				719,761,763,
																				1812sp,1009,
																				1737,2195phot,
																				1088,2107,
																				2112x,1483,
																				1961rvar,
																				1526vlbi,
																				1649mf,1789mm,
																				1810pos,
																				2259imag
																				0.0486gal,
																				525,761;IRAS
																				source,1806;
1514+241		LB 9559	15 14 48.61	15 16 59.84	18.57							(0.669) Mg II 2798				573				
C			24 11 48.8	24 0 51.2																
1514+029		QNZ2:21	15 14 56.4	15 17 27.70	20.49							-.54 (1.487) C III 1909			2058	2058				2058Bmag,
C			2 54 16	2 43 19.3																2058ubv
1515+028		QNZ2:27	15 15 4.6	15 17 35.96	20.15							-.41 1.942			2058	2058				2058Bmag,
C			2 50 16	2 39 19.8																2058ubv
1515+028		QNZ2:22	15 15 12.7	15 17 44.03	19.44							-.65 0.960 Mg II 2798			2058	2058				2058Bmag,
C			2 52 20	2 41 24.2																2058ubv



TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z	VAR	R	ABS	NOTES
1515+015 C	QNZ3:55	15 15 14.9 1 30 15	15 17 47.44 1 19 19.3	19.08		-0.19	2.693	H I 1216		2058	2058				2058Bmag, 2058ubv
1515+027 C	QNZ2:36	15 15 15.9 2 44 2	15 17 47.35 2 33 6.4	19.86		-0.71	0.608	Mg II 2798		2058	2058				2058Bmag, 2058ubv
1515+016 C	QNZ3:51	15 15 30.8 1 40 10	15 18 3.19 1 29 15.2	20.29		-0.27	2.382	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
1515+029 C	QNZ2:20	15 15 31.0 2 57 4	15 18 2.26 2 46 9.2	20.31		-1.38	2.088	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
1515+027 C	QNZ2:31	15 15 33.5 2 45 10	15 18 4.93 2 34 15.4	20.85		-0.38	2.114	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
1515+017 C	QNZ3:54	15 15 34.2 1 42 29	15 18 6.55 1 31 34.4	20.13		-1.34	1.401	C III 1909		2058	2058				2058Bmag, 2058ubv
1515+026 C	QNZ2:12	15 15 36.1 2 40 12	15 18 7.60 2 29 17.5	19.46		-0.53	1.853	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1515+026 C	QNZ2:19	15 15 40.2 2 41 21	15 18 11.69 2 30 26.7	20.69		-0.51	2.428	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
1515+027 C	QNZ2:01	15 15 59.8 2 43 52	15 18 31.25 2 32 58.8	20.31		-0.06	0.153			2058	2058				2058Bmag, 2058ubv, 2058neml
1516+015 C	QNZ3:45	15 16 0.4 1 35 46	15 18 32.85 1 24 52.9	18.81		-0.06	2.308	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
1516+012 C	QNZ3:33	15 16 1.5 1 17 57	15 18 34.21 1 7 3.9	18.40		-0.63	1.378	C III 1909		2058	2058				2058Bmag, 2058ubv
1516+027 C	QNZ2:06	15 16 10.0 2 47 21	15 18 41.39 2 36 28.4	20.87		-0.14	(0.352)			2058	2058				2058Bmag, 2058ubv, 2058neml
1516+025 O		15 16 10.1 2 30 18	15 18 41.75 2 19 25.4	19.6			1.80			2278	2278				2278uv
1516+028 C	QNZ2:02	15 16 13.2 2 50 3	15 18 44.55 2 39 10.5	17.83		-0.39	1.551	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1516+014 C	QNZ3:22	15 16 13.8 1 24 44	15 18 46.41 1 13 51.6	19.32		-0.07	0.210			2058	2058				2058Bmag, 2058ubv
1516+028 C	QNZ2:05	15 16 16.2 2 50 23	15 18 47.55 2 39 30.7	20.00		-0.06	(0.630)	Mg II 2798		2058	2058				2058Bmag, 2058ubv
1516+030 C	QNZ2:32	15 16 17.3 3 5 44	15 18 48.42 2 54 51.8	20.88		-0.37	1.651	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1516+028 C	QNZ2:46	15 16 26.3 2 51 37	15 18 57.63 2 40 45.3	19.33		-0.34	1.555	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1516+029 C	QNZ2:41	15 16 38.3 2 56 7	15 19 9.56 2 45 15.9	20.09		-0.26	2.156	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
1516+221 C	LB 9601	15 16 45.15 22 9 43.0	15 18 58.35 21 58 51.9	18.59*			1.835	H I 1216 C IV 1549			573	573			
1516+027 C	QNZ2:03	15 16 46.0 2 43 8	15 19 17.45 2 32 17.4	20.96		-0.47	2.120+	C III 1909		2058	2058				2058Bmag, 2058ubv, 2058BAL
1516+028 C	QNZ2:50	15 16 46.7 2 53 23	15 19 18.00 2 42 32.4	20.84		-0.14	(0.339)			2058	2058				2058Bmag, 2058ubv, 2058neml
1516+026 C	QNZ2:04	15 16 53.4 2 39 51	15 19 24.90 2 29 0.8	20.60		-1.02	(0.557)	Mg II 2798		2058	2058				2058Bmag, 2058ubv
1516+022 O		15 16 54.9 2 14 50	15 19 26.77 2 3 59.9	19.5			0.76			2278	2278				2278uv
1517+239 C	LB 9605	15 17 2.01 23 57 49.1	15 19 13.30 23 46 58.9	18.41			1.834	Si IV 1397 O IV 1402 C IV 1549			573				16171r

TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V) (U-B)		Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1517+254 C		15 17 25	7.94 9.3	15 19 25	17.59 19.4	18.6		.40	-.80	0.882	C III 1909 Mg II 2798			573				573ubv
1517+239 C	LB 9612	15 17 23	8.19 52.6	15 19 23	19.49 46 2.7	16.4		-.20	-.50	1.903*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	1.4147 0.7382		1872 030 2281			560 1000 1635 1872 1873 2228 2263	214ubv, 1202pol,850, 853,921rnd, 921,992ir, 921phot
1517+235 C	LB 9613	15 17 23	11.89 33.0	15 19 23	23.60 22 40.3	18.51*				(0.313)	Mg II 2798 O II 3727 H I 4102			573	573			
1517+245 C	LB 9615	15 17 24	24.76 33 50.1	15 19 24	35.38 23 1.1	18.23				1.818	Si IV 1397 O IV 1402 C IV 1549			573				
1517+021 C	QNZ1:43	15 17 2 10	29.9 39	15 20 1 59	1.83 50.8	20.30			-.96	2.114	H I 1216 C IV 1549			2058	2058			2058Bmag, 2058ubv
1517+022 C	QNZ1:45	15 17 2 14	36.8 45	15 20 2 3	8.66 57.2	20.26			-.15	(0.239)				2058	2058			2058Bmag, 2058ubv, 2058neml
1517+024 O		15 17 2 26	49.9 0	15 20 2 15	21.60 12.9	19.4				1.08				2278	2278			2278uv
1517+176 R	MC 3	15 17 17 36	57.67 40.3	15 20 17 25	15.35 53.3	17.5 *				1.39	C III 1909 Mg II 2798 O III 3133			020	019 1201 1111			1201pol,343fc
1518+030 C	QNZ4:24	15 18 3 1	0.0 21	15 20 2 50	31.17 34.5	20.95			-.33	0.826	Mg II 2798			2058	2058			2058Bmag, 2058ubv
1518+022 C	QNZ1:50	15 18 2 15	0.2 12	15 20 2 4	32.05 25.5	20.31			-.17	0.241				2058	2058			2058Bmag, 2058ubv, 2058neml
1518+257 C	LB 9620	15 18 25 45	4.96 24.5	15 20 25 34	14.23 37.7	18.56				1.450	C IV 1549 C III 1909			573				
1518+201 O		15 18 20 7	7.6 50	15 20 19 57	22.77 3.5	19.2				2.1	H I 1216			1439	1439			19.45 arcmin from 3C 318, 2118
1518+026 C	QNZ4:06	15 18 2 41	9.6 39	15 20 2 30	41.06 53.0	20.65			-.10	(1.802)	C IV 1549 C III 1909			2058	2058			2058Bmag, 2058ubv
1518+020 C	QNZ1:15	15 18 2 5	11.4 16	15 20 1 54	43.40 30.1	20.82			-.46	(1.151)	C III 1909			2058	2058			2058Bmag, 2058ubv
1518+020 C	QNZ1:13	15 18 2 5	15.3 48	15 20 1 55	47.29 2.3	20.04			-.11	0.171				2058	2058			2058Bmag, 2058ubv, 2058neml
1518+162 R	UT	15 18 16 12	18.1 14	15 20 16 1	37.13 28.2	17.5				1.47	C IV 1549 C III 1909			1437	1437			
1518+028 C	QNZ4:23	15 18 2 49	19.3 10	15 20 2 38	50.65 24.5	18.96			-.27	1.639	C IV 1549 C III 1909			2058	2058			2058Bmag, 2058ubv
1518+228 C		15 18 22 53	24.24 26.0	15 20 22 42	36.55 40.4	18.9		.30	-.80	1.242	C IV 1549 C III 1909			573				573ubv
1518+025 C	QNZ4:16	15 18 2 31	24.7 6	15 20 2 20	56.31 20.8	20.83			-.32	0.312				2058	2058			2058Bmag, 2058ubv, 2058neml
1518+202 O		15 18 20 17	25.9 33	15 20 20 6	40.88 47.5	19.9				2.10	H I 1216 C IV 1549			1439	1439			12.47 arcmin from 3C 318, 2118
1518+030 C	QNZ4:02	15 18 3 4	41.1 32	15 21 2 53	12.21 47.8	19.91			-.65	0.412	Mg II 2798			2058	2058			2058Bmag, 2058ubv
1518+025 C	QNZ4:14	15 18 2 34	41.5 50	15 21 2 24	13.06 5.8	20.75			-1.16	1.131	C III 1909			2058	2058			2058Bmag, 2058ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1518+030 C	QNZ4:57	15 18 41.8 3 2 6	15 21 12.95 2 51 21.8	20.37		-1.13	1.215	C III 1909		2058 2058					2058Bmag, 2058ubv
1518+028 C	QNZ4:28	15 18 45.2 2 49 41	15 21 16.53 2 38 57.0	18.44		-.51	1.497	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
1518+020 C	QNZ1:10	15 18 47.0 2 5 50	15 21 18.99 1 55 6.1	20.39		-.51	0.677	Mg II 2798		2058 2058					2058Bmag, 2058ubv
1518+028 C	QNZ4:59	15 18 51.1 2 51 55	15 21 22.40 2 41 11.3	20.06		-.18	1.572	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
1518+022 C	QNZ1:38	15 18 51.2 2 14 6	15 21 23.06 2 3 22.3	20.35		-.44	1.281	C III 1909		2058 2058					2058Bmag, 2058ubv
1518+021 C	QNZ1:22	15 18 58.7 2 9 55	15 21 30.63 1 59 11.8	18.88		-.19	1.696	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
1518+028 C	QNZ4:35	15 18 59.4 2 49 58	15 21 30.73 2 39 14.8	19.36		-.40	2.110	H I 1216 C IV 1549		2058 2058					2058Bmag, 2058ubv
1519+226 C X R	PG	15 19 1.7 22 38 27	15 21 14.22 22 27 43.5	16.09			0.137	H I 4861 O III 5007		1117 1117			2011		1329elp,1487, 1980,2112x, 1030,1362ext, 1598sp,1598fc, 1729,2005ir
1519+019 C	QNZ1:18	15 19 2.8 1 55 18	15 21 34.94 1 44 35.0	19.75		-1.05	1.133	C III 1909		2058 2058					2058Bmag, 2058ubv
1519+019 C	QNZ1:16	15 19 4.1 1 55 12	15 21 36.24 1 44 29.1	19.50		-.39	2.239	H I 1216 C IV 1549		2058 2058					2058Bmag, 2058ubv
1519+027 C	QNZ4:45	15 19 6.9 2 46 23	15 21 38.28 2 35 40.2	19.90		-.83	1.826	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
1519+030 C	QNZ4:53	15 19 12.3 3 5 52	15 21 43.39 2 55 9.5	19.98		-.63	1.916	C IV 1549		2058 2058					2058Bmag, 2058ubv
1519+279 X		15 19 23.8 27 55 11	15 21 30.52 27 44 28.6	18.2	-1.00		0.229			1265 1265					1265ubv, 1209ext, 1910sp
1519+028 C	QNZ4:39	15 19 24.4 2 51 59	15 21 55.69 2 41 17.2	20.82		-.68	2.052	C IV 1549		2058 2058					2058Bmag, 2058ubv
1519+026 C	QNZ4:47	15 19 24.9 2 40 31	15 21 56.37 2 29 49.2	20.13		-.85	1.212	C III 1909		2058 2058					2058Bmag, 2058ubv
1519+246 C	LB 9647	15 19 26.00 24 39 35.5	15 21 36.34 24 28 53.3	16.57*	.53	-.93	0.167	Mg II 2798 H I 4102 H I 4340 H I 4861		573 573					573ubv
1519+025 C	QNZ4:44	15 19 31.4 2 35 0	15 22 2.95 2 24 18.6	20.46		-.35	0.578	Mg II 2798		2058 2058					2058Bmag, 2058ubv
1519+023 C	QNZ1:35	15 19 32.4 2 20 42	15 22 4.16 2 10 0.6	20.32		-.14	0.323			2058 2058					2058Bmag, 2058ubv, 2058neml
1519+023 C	QNZ1:31	15 19 37.2 2 20 29	15 22 8.96 2 9 47.9	20.91		-.40	0.742	Mg II 2798		2058 2058					2058Bmag, 2058ubv
1519+019 C	QNZ1:23	15 19 48.1 1 58 24	15 22 20.19 1 47 43.5	20.67		-.62	1.580	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
1519+028 C	QNZ4:37	15 19 48.8 2 49 19	15 22 20.13 2 38 38.5	20.75		-.18	2.477	H I 1216 C IV 1549		2058 2058					2058Bmag, 2058ubv
1519+028 C	QNZ4:30	15 19 51.8 2 53 3	15 22 23.07 2 42 22.7	20.62		-.18	1.003	C III 1909		2058 2058					2058Bmag, 2058ubv
1519+026 C	QNZ4:41	15 19 54.4 2 37 14	15 22 25.91 2 26 33.9	19.68		-.15	1.428	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
1519+021 C	QNZ1:29	15 19 55.1 2 11 35	15 22 26.99 2 0 54.9	19.64		-.64	1.278	C III 1909		2058 2058					2058Bmag, 2058ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1519+027 C	QNZ4:40	15 19 56.4 2 47 13	15 22 27.76 2 36 33.0	20.33		-.39	0.768	Mg II 2798		2058 2058					2058Bmag, 2058ubv
1520+026 C	QNZ5:32	15 20 16.2 2 36 8	15 22 47.72 2 25 29.1	20.64		-.30	0.765	Mg II 2798		2058 2058					2058Bmag, 2058ubv
1520+023 C	QNZ5:24	15 20 16.3 2 19 52	15 22 48.07 2 9 13.1	19.94		-.30	0.867	Mg II 2798		2058 2058					2058Bmag, 2058ubv
1520+024 C	QNZ5:16	15 20 16.4 2 26 19	15 22 48.07 2 15 40.1	20.85		-.79	1.440	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
1520+025 C	QNZ5:11	15 20 23.8 2 30 6	15 22 55.41 2 19 27.5	19.51		-.58	0.240			2058 2058					2058Bmag, 2058ubv
1520+026 C	QNZ5:30	15 20 29.1 2 38 39	15 23 0.58 2 28 0.8	19.57		-.61	2.567	H I 1216 C IV 1549		2058 2058					2058Bmag, 2058ubv
1520+025 C	QNZ5:35	15 20 30.7 2 34 38	15 23 2.24 2 23 59.9	20.73		-.16	1.746	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
1520+413 O	CSO 586 SP 43	15 20 31.2 41 22 36	15 22 19.82 41 11 56.9	17.5			3.1			2026 2027 2028					2174varnd
1520+251 C		15 20 31.78 25 10 23.2	15 22 41.47 24 59 44.6	19.2	0.00	-1.10	1.919	H I 1216 N V 1240 C IV 1549			573				573ubv
1520+223 C		15 20 35.03 22 22 35.9	15 22 47.71 22 11 57.6	18.48*	.30	-1.00	1.228	C IV 1549 C III 1909			573	573			573ubv
1520+027 C	QNZ5:34	15 20 45.0 2 45 54	15 23 16.37 2 35 16.7	20.33		-.05	0.195			2058 2058					2058Bmag, 2058ubv, 2058neml
1520+027 C	QNZ5:31	15 20 45.9 2 42 9	15 23 17.33 2 31 31.8	20.96		-.61	1.014	C III 1909		2058 2058					2058Bmag, 2058ubv
1520+027 C	QNZ5:38	15 20 46.2 2 44 9	15 23 17.60 2 33 31.8	20.78		-.04	(0.250)			2058 2058					2058Bmag, 2058ubv, 2058neml
1520+344 R	UT	15 20 56.1 34 24 47	15 22 54.70 34 14 9.5	19			1.31	C IV 1549 C III 1909		1437 1437					
1521-249 O	M19.05	15 21 0.16 -24 57 43.4	15 23 58.08 -25 8 19.2	17.16			0.142			2193 2194					
1521+024 C	QNZ5:19	15 21 2.5 2 29 53	15 23 34.11 2 19 16.7	20.44		-.31	1.879	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
1521-246	M19.06	15 21 5.0 -24 36 7	15 24 2.53 -24 46 42.6	17.8			2.10			2277 2277					
1521+251 C	LB 9673	15 21 8.86 25 8 28.2	15 23 18.53 24 57 51.7	18.30			(0.502)	Mg II 2798			573				
1521+253 C	LB 9675	15 21 17.01 25 22 13.8	15 23 26.42 25 11 37.8	18.61*			2.02	H I 1216 C IV 1549			573	573			
1521+027 C	QNZ5:58	15 21 34.3 2 47 4	15 24 5.65 2 36 29.5	20.79		-.09	2.106	H I 1216 C IV 1549		2058 2058					2058Bmag, 2058ubv
1521+027 C	QNZ5:50	15 21 38.3 2 43 4	15 24 9.71 2 32 29.7	20.18		-.07	0.227			2058 2058					2058Bmag, 2058ubv, 2058neml
1521+026 C	QNZ5:54	15 21 46.0 2 39 2	15 24 17.47 2 28 28.1	20.41		-.07	0.224			2058 2058					2058Bmag, 2058ubv, 2058neml
1521+024 C	QNZ5:06	15 21 46.2 2 28 44	15 24 17.82 2 18 10.2	20.46		-.71	1.879	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
1521+026 C	QNZ5:55	15 21 49.7 2 39 50	15 24 21.15 2 29 16.3	18.96		-.45	0.214			2058 2058					2058Bmag, 2058ubv

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES
1521+024 C	QNZ5:48	15 21 56.8 2 26 36	15 24 28.45 2 16 2.8	20.41			-.07 0.314			2058 2058		2058Bmag, 2058ubv, 2058nml
1522+101 C R	PG	15 22 0.0 10 9 3	15 24 24.60 9 58 29.8	15.74			1.324	C III 1909		1117 1117 2174 2011 2281		1218uv,1598, 2251sp, 1352spvar, 1729,2005ir, 2112x
1522+222 C	LB 9686	15 22 10.5 22 17 30	15 24 23.15 22 6 57.1	19.25			1.76	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		573		
1522+242 C	LB 9687	15 22 12.93 24 16 49.0	15 24 23.45 24 6 16.2	19.27*			(0.71)	C III 1909 Mg II 2798		573 573		
1522+026 C	QNZ5:51	15 22 18.2 2 36 1	15 24 49.71 2 25 29.0	20.76			-.30 0.156			2058 2058		2058Bmag, 2058ubv, 2058nml
1522+155 R X	MC 3	15 22 22.15 15 31 52.0	15 24 41.62 15 21 19.9	17.5 *			0.628	Mg II 2798 O II 3727 NeIII 3869 NeIII 3968 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		020 019 1201 1111 1367 1888		703,900, 1201pol, 1188sp,1201x, 343fc
1522+256 C	LB 9689	15 22 31.49 25 41 24.0	15 24 40.43 25 30 52.2	18.22			1.539	C IV 1549 C III 1909		573		
1522+025 C	QNZ5:02	15 22 35.1 2 34 57	15 25 6.62 2 24 25.9	17.92			-.45 0.340			2058 2058		2058Bmag, 2058ubv
1522+025 C	QNZ5:04	15 22 35.3 2 34 6	15 25 6.83 2 23 34.9	19.68			-.55 0.959	Mg II 2798		2058 2058		2058Bmag, 2058ubv
1522+265 C	LB 9694	15 22 37.42 26 33 18.4	15 24 45.39 26 22 46.9	19.27			1.76	H I 1216 N V 1240 C IV 1549		573		
1522+259 C	LB 9695	15 22 37.67 25 54 23.0	15 24 46.36 25 43 51.5	18.79*			(0.55)	Mg II 2798		573 573		
1522+113 R OR 139	MC 2	15 22 39.47 11 18 15.4	15 25 2.96 11 7 44.4	18			0.331	O II 3727 NeIII 3869 H I 4861 O III 4959 O III 5007		020 019	1111	343fc
1523+214 C	LB 9707	15 23 8.83 21 24 36.3	15 25 22.33 21 14 6.7	17.96	.21	-1.34	1.924*	H I 1216 1.9300 Si IV 1397 1.7928 C IV 1549 1.7338		030 591	030 560 1635 2228 2263	214ubv, 1202pol,850, 853,921rnd, 921,992ir, 921phot
1524+243 C		15 24 6.83 24 23 2.6	15 26 17.08 24 12 36.2	19.0	.50	-1.00	(0.55)	Mg II 2798		573		573ubv
1524-136 R PKS	MC	15 24 12.87 -13 40 34.9	15 26 59.44 -13 51 0.1	21 *			1.687			1204 1204 1792 2056		1526vlbi, 1810pos
1524+101 R X OR 140	4C 10.43 MC 2	15 24 21.84 10 9 35.1	15 26 46.35 9 59 9.9	18			1.358	C IV 1549 C III 1909 C II 2326 Mg II 2798		100 100 1111 019 1145 1170		696,912x,020, 343fc

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1525+158 X	1E	15 25 8.2 15 51 20	15 27 27.21 15 40 57.3	17.24	.11	-.86	0.230				H I 4340 O III 4363 He II 4686 H I 4861 O III 4959 O III 5007		771 771 1416					771ubv,1048x, 939ext,1026, 1207,1261imag, 1910sp 43.6 arcmin from UGC 9846, 1650,2118	
1525+314 R	B2 VR31.15.01 OR 342	15 25 17.4 31 25 46.5	15 27 19.31 31 15 23.9	19.1			1.38						113 131					831sp, 1526vlbi	
1525+227 C X R	LB 9743 OR 241 B2	15 25 45.69 22 43 25.3	15 27 57.61 22 33 4.6	16.39*	-.20	-.50	0.253	Mg II 2798 O II 3727 H I 4861 O III 4959 O III 5007					100 030 591 850 009 1201 853 921 1171					214ubv,705, 1202pol,1183x, 921,992,1617, 2021ir, 921phot, 1002xvar, 1028mm 1207,1259,1261 1700imag/ext 0.55 and 0.67 arcmin from 2 anon gals, 1650,2118;	
1526+285 X		15 26 37.8 28 35 58	15 28 43.02 28 25 40.1	15.70	0.00	-.60	0.450						1265 1265					1265ubv, 1209ext, 1910sp,1941uv 1902avg Bmag	
1527+232 C	LB 9760	15 27 18.26 23 12 25.0	15 29 29.54 23 2 9.6	18.50*			1.570	C IV 1549 C III 1909					573 573						
1528+144 O	KP 55	15 28 56.6 14 26 25	15 31 16.81 14 16 15.5	20.5			1.94						457 853					853rnd	
1529+144 O	KP 56	15 29 40.5 14 27 19	15 32 0.67 14 17 12.0	20.5			(2.7)						457 853					853rnd	
1529+050 X	1E	15 29 59.3 5 4 2	15 32 28.44 4 53 56.3	17.8	.18		0.219	O II 3727 H I 4861 O III 4959 O III 5007					1269 1269					1269ubv, 1910sp	
1530+137 R	4C 13.55	15 30 54.29 13 42 28.3	15 33 15.14 13 32 25.6	18.99	.33	-.69	0.711	C III 1909 Mg II 2798					124 436			789 1111 1888		436ubv	
1532+016 R	PKS	15 32 20.2 1 41 2	15 34 52.48 1 31 4.6	18.11*			1.435	C IV 1549 C III 1909 Mg II 2798					351 1861 1181 1861 1181 1902					781ir, 1526vlbi,1800, 2103pol,025fc IRAS source, 1806;1902avg Bmag	
1532+016 O		15 32 20.6 1 40 10	15 34 52.90 1 30 12.6	17.0			0.310	NeIII 3869 NeIII 3968 H I 4102 H I 4861 O III 4959 O III 5007					1304					419,761sp,025, 426fc	
1537+595 C	NGC 5982 UB 2	15 37 38 59 31 6	15 38 39.66 59 21 24.9	19			1.968						540					12.38 arcmin from NGC 5981, 18.1 arcmin from NGC 5982, 12.33 arcmin from NGC 5985, 2118	
1537+595 C	NGC 5982 UB 1	15 37 38 59 31 6	15 38 39.66 59 21 24.9	19			2.132						540					1.78 arcmin from NGC 5981, 4.28 arcmin from NGC 5982, 11.9 arcmin from NGC 5985, 2118	

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1538+477 C R	PG	15 38 0.8 47 45 10	15 39 34.73 47 35 31.1	16.01			0.770	Mg II 2798		1117 1117			2011		1598,2251sp, 16171r,2112x
1538+149 BL Lac R X	4C 14.60 OR 165	15 38 30.6 14 57 25	15 40 49.86 14 47 49.2	18.31*	.52	-.60				100		009 789 970 837 1902 1084 1152 1160 1367 1557 1771 1807 1930 2073			323,648ubv, 323,877,1626, 1988,2046, 2062,2103pol, 778,1057,1307, 1350,2107, 2112x, 1086rvar,781, 11411r,1164, 1649mf,009, 100,458sp, 132fc, 1526vlbi, 1789mm, 1884imag, 1939phot IRAS source, 1806;1902avg Bmag; faint gals near,2118
1540+180 R	4C 18.43 OR 167	15 40 3.53 18 5 39.6	15 42 19.45 17 56 9.2	18			1.661*	H I 1216 C IV 1549 He II 1640 O III 1663 C III 1909 Mg II 2798	1.4639 0.7936 0.7294 0.6945	078 009 2049 2281			1818 2049 1891 2263		
1540+110 R	MC 2	15 40 33.04 11 4 4.6	15 42 56.14 10 54 36.2	18			0.992	Mg II 2798 Ne V 3426 O II 3727		020 020			1111 1888		166,343fc
1541+355 R	UT	15 41 6.2 35 34 44	15 43 0.71 35 25 16.8	19.5			1.70	H I 1216 O IV 1402 C IV 1549		1437 1437					
1542+042 R	PKS 4C 04.53	15 42 29.8 4 17 6.2	15 44 59.51 4 7 45.0	18			2.182	H I 1216 O I 1304 Si IV 1397 O IV 1402 C IV 1549		222 501			010 1747 412		761,1304sp
1542+373 R B2	4C 37.45 OR 372	15 42 53.44 37 22 29.0	15 44 45.07 37 13 8.2	17.7			0.972	C III 1909 Mg II 2798		033 032 009			462 774 775 800 2060		1201pol,831sp, 1320rpol, 203fc
1543+489 C	PG	15 43 59.8 48 55 30	15 45 30.08 48 46 12.6	16.05			0.400*	Mg II 2798 H I 4340	0.075	1117 1117			2011 2265		1598sp,1617, 1729,2005, 20181r,1688, 1700imag, 2112x, 2174varnd 0.57 and 0.67 arcmin from 2 spiral gals, 1650; 0.075 and 0.076xgals 2248; faint gals near,2118
1544+212 O	KP 57	15 44 26.1 21 12 13	15 46 38.39 21 2 58.4	20.5			2.05	H I 1216 C IV 1549		457 867					16171r,873xnd, 853rnd
1545+209 O	KP 58	15 45 29.1 20 54 35	15 47 41.65 20 45 24.2	21			1.85	H I 1216 C IV 1549		457 867 457					853rnd,873xnd, 16171r

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC (1950)			DEC (2000)										Z	VAR	R	ABS	
1545+210	3CR 323.1	15 45 31.13	15 47 43.55	16.69*	.11	-.85	0.264	Mg II 2798						064	005	080	128	007,059ubv,	
R	4C 21.45	21 1 27.5	20 52 16.8					O III 4363							334	212	462	156,705,	
X	NRAO 483							H I 4861								252	775	1202pol,1223,	
	OR 276							O III 4959								290	1171	1362,1536ext,	
	PKS							O III 5007								753	1436	324,334,1117,	
	PG															920	1545	1598sp,	
																1068	1891	1320rpol,	
																	2011	1222elp,873,	
																		1107,1487,	
																		1678,2112x,	
																		749pos,1530,	
																		1617,1729,	
																		2005ir,232,	
																		463fc,1700,	
																		1884,1911imag,	
																		1753xvar,1941,	
																		2061uv,	
																		2100FeIIem	
																		Compact object	
																		z=0.2645	
																		nearby,1339;	
																		6.17 arcmin	
																		from anon gal,	
																		0.270zgal,	
																		faint gals	
																		near,2118	
1546+353	UT	15 46 23.8	15 48 18.04	18			0.48	Mg II 2798						1437	1437				
R		35 20 37	35 11 29.0					O II 3727											
								H I 4102											
								H I 4340											
1546+027	PKS	15 46 58.31	15 49 29.46	16.83*	.17	-.71	0.413	Mg II 2798						026	084	1902	775	436ubv,900pol,	
R	OR 078	2 46 6.4	2 37 1.5					O III 3133							023		789	1162rvar,873,	
X								Ne V 3426							436		803	1195,1686,	
								NeIII 3869									1162	1980x,	
								O III 4363										1259imag,	
								H I 4861										1320rpol,	
								O III 5007										1526vlbi,	
																		1789mm,	
																		1810pos	
																		1902avg ph mag	
1547+116		15 47 4.5	15 49 26.76	18.4			(1.7)	C IV 1549						1438	1438				
O		11 41 35	11 32 30.3					C III 1909											
1547+115	KP 60	15 47 15.1	15 49 37.49	19.0			1.42	C IV 1549						457	867			853rnd	
O		11 33 40	11 24 35.9					C III 1909						1438					
1547+187	4C 18.45	15 47 22	15 49 36.84	18.69*	.34	-1.19	1.442	C IV 1549						124	436	436	789	436ubv	
R		18 44 15	18 35 11.1					C III 1909											
1547+116	KP 61	15 47 28.2	15 49 50.54	20.0			2.15	H I 1216						457	867			853rnd	
O		11 36 17	11 27 13.7					C IV 1549											
1547+105	MC 2	15 47 35.20	15 49 58.59	18			1.309	C IV 1549						020	019		1111	343fc	
R		10 33 34.6	10 24 31.8					He II 1640							415				
								O III 1663											
								N III 1750											
								C III 1909											
								Mg II 2798											
1548+056	PKS	15 48 6.93	15 50 35.27	17.7			1.422	C IV 1549						010	1861		1861	1800,2103pol,	
R		5 36 11.2	5 27 10.5					Mg II 2798						110				1800hpq	
1548+116	KP 62	15 48 20.1	15 50 42.41	20			1.29	C IV 1549						457	867			853rnd,912xnd	
O		11 36 15	11 27 14.9					C III 1909							457				



TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1548+114	MC 2	15 48 21.20	15 50 43.62	17.23	.24	-.82	0.436+		Mg II 2798	0.0000	020	215	789	1377	705,1202pol,		
	R 4C 11.50	11 29 47.0	11 20 47.0						Ne V 3345		1438	436	1111	1991	1159,1526vlbi,		
	X OR 181								Ne V 3426				1170	2228	1320rpol,1377,		
	A								O II 3727				1888		1420,1467sp,		
									NeIII 3869						124,155,343,		
									NeIII 3968						526fc,696,		
									He 3970						1980x,1485subv,		
									H I 4102						1420FeIIem		
									H I 4861						1377,1688,1700		
									O III 4959						imag/ext;		
									O III 5007						9 and 12arcsec		
															from 2 anon		
															gals,0.4338		
															and0.4327zgals		
															1650,2118; 5		
															arcsec from		
															QSO 1548+114B,		
															215,439;		
1548+114	B	15 48 21.52	15 50 43.94	19					1.901*	H I 1216	1.8923	020	215	439	705pol,696,		
	R	11 29 46.5	11 20 46.5							C IV 1549	1.7563			1377	912xnd,1377sp,		
											1.6085			1991	1377imag,155,		
											1.4228			2228	526fc		
														2263	abs z=0.4293		
															not found,1991		
															9 and 12		
															arcsec from 2		
															anon gals,		
															0.4338 and		
															0.4327zgals,		
															2118		
1548+092		15 48 38.55	15 51 3.19	17.5					2.749*	O VI 1034	2.4915	1440	1440	1872	Ly limit abs,		
	O	9 17 48.0	9 8 49.1							H I 1216	2.3195			1873	2247		
										N V 1240	2.2484			2228			
										Si IV 1397	0.7708			2263			
										O IV 1402							
										C IV 1549							
										C III 1909							
1549+486	Y	15 49 17	15 50 46.97	19.5					1.737			998	998		Coordinates of		
	C	48 37 59	48 29 0.9												this and the		
															next 12 QSOs		
															are not avail.		
															Coordinate is		
															that of star		
															SAO 45758		
															which is at		
															the center of		
															the field.See		
															ref 998,fig 1.		
1549+486	46	15 49 17	15 50 46.97						0.968			998	998				
	C	48 37 59	48 29 0.9														
1549+486	X	15 49 17	15 50 46.97	18.9					2.042			998	998				
	C	48 37 59	48 29 0.9														
1549+486	I	15 49 17	15 50 46.97	20.0					2.045			998	998				
	C	48 37 59	48 29 0.9														
1549+486	L	15 49 17	15 50 46.97						0.953			998	998				
	C	48 37 59	48 29 0.9														
1549+486	K	15 49 17	15 50 46.97						(1.869)			998	998				
	C	48 37 59	48 29 0.9														
1549+486	A	15 49 17	15 50 46.97	19.8					1.960			998	998				
	C	48 37 59	48 29 0.9														
1549+486	V	15 49 17	15 50 46.97	19.3					(0.858)			998	998				
	C	48 37 59	48 29 0.9														
1549+486	H	15 49 17	15 50 46.97						1.854			998	998				
	C	48 37 59	48 29 0.9														
1549+486	G	15 49 17	15 50 46.97	18.9					(1.100)			998	998				
	C	48 37 59	48 29 0.9														

TABLE 1—Continued

		OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
			DEC (1950)		DEC (2000)								ID	Z	VAR	R	
1549+486	F		15 49 17	15 50 46.97	20.0					(1.878)			998	998			
	C		48 37 59	48 29 0.9													
1549+486	E		15 49 17	15 50 46.97	19.2					1.728			998	998			
	C		48 37 59	48 29 0.9													
1549+486	D		15 49 17	15 50 46.97	19.7					1.465			998	998			
	C		48 37 59	48 29 0.9													
1549+203	LB 906		15 49 49.4	15 52 2.28	17.4					0.250	O II 3727		1416	1416			1048x
	C 1E		20 22 56.5	20 14 1.6							He 3970						8.9 arcmin
	X										H I 4102						from ZWG
											H I 4340						107.051,1650;
											H I 4861						8.78 arcmin
											O III 5007						from 3C 326, 2118
1550+721	E		15 50 1	15 49 40.56	19.9	.60				0.177	H I 4861		1417	1417			1417x
	X		72 9 56	72 0 57.3							O III 5007						
1550-269	PKS		15 50 59.72	15 54 2.42	21.5					2.145*	H I 1216	2.087	1004	1251		1251 1251	1526vlbi
	R		-26 55 50.6	-27 4 39.8							N V 1240					2056 2228	
											C IV 1549					2263	
											C III 1909						
1551+130	PKS		15 51 12.08	15 53 32.75	17.65	.40	-.81		1.29 +	C III 1909			010	1803		767 767	1485ubv,
	R		13 5 42.0	12 56 52.5						Mg II 2798						2162 1803	1336rvar, 1526vlbi
1552+085	PG		15 52 19.2	15 54 44.54	16.02					0.119	H I 4340		1117	1117		2011	1598sp,1729,
	C		8 31 6	8 22 20.7							H I 4861						2005ir,2112x
	R																compan gal, 1788; faint gals near,2118
1552+199	UT		15 52 26.0	15 54 39.24	18.5					1.34	C IV 1549		1437	1437			
	R		19 56 5	19 47 19.8							C III 1909						
1553+113	PG		15 53 20.8	15 55 43.23	15.04*					0.36	H I 1216		1598	1495	1495		1617ir,2150sp,
BL Lac C			11 20 3	11 11 21.5							N V 1240				1902		2112x, 2150uv/ir IRAS source, 1806;1902avg Bmag
1553+159	1E		15 53 36.2	15 55 53.73	17.68					1.324	C IV 1549		1233	1233			
	X		15 58 9.6	15 49 28.9							C III 1909						
1554-203	MC		15 54 26.13	15 57 21.22	19.2					1.947*	H I 1216	0.7869	673	673		1818 2049	1704fc
	R		-20 20 34.8	-20 29 11.3							Si IV 1397				2049	1891 2263	
											O IV 1402				2281	2056	
											C IV 1549						
											He II 1640						
											N III 1750						
											C III 1909						
1555+001	PKS		15 55 17.7	15 57 51.44	19.3					1.77	H I 1216		166	578		023	1241xnd,
	R DW		0 6 44	-0 1 49.9							C IV 1549						1526vlbi, 1805mmvar, 2103pol
1555+332	GC		15 55 33.6	15 57 29.94	18.3					0.942	C III 1909		216	152		1145	912x
	R B2		33 13 20.0	33 4 46.0							Mg II 2798					1170	
	X																
1556-245	PKS		15 56 41.22	15 59 41.42	19					2.818*	H I 1216	1.4505	412	501		011 2049	761,1304sp,
	R		-24 34 11.3	-24 42 39.2							N V 1240	1.1815			2049	2056 2263	1526vlbi
											Si IV 1397	0.7713			2281		
											O IV 1402						
											C IV 1549						
											He II 1640						
											C III 1909						

TABLE 1—Continued

		OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
			DEC (1950)			DEC (2000)										Z	VAR	R	ABS	
1556+335	GC		15 56 59.43	15 58 55.18	17	.49	-.51	1.651*	C IV 1549	1.6760	216	323	1170	560	323ubv, 705,					
R			33 31 47.4	33 23 18.8					C III 1909	1.6537		476	1213	1635	1202pol, 912x,					
X										1.6505		1635	1586	1677	1514BAL?					
										1.6445		1901		2228	z(abs)1.62-					
										1.6395				2263	1.60, 560;					
										1.6106										
										1.6030										
										1.2317										
1557-199	MC		15 57 16.13	16 0 10.97	19.5			2.195	C IV 1549	2.34	673	1704	1818	673	1704fc					
R			-19 59 15.3	-20 7 41.2					C III 1909	1.6180		1848	1891	2049						
									Mg II 2798			2049	2056	2263						
1558+187	UT		15 58 2.9	16 0 17.13	18			2.40	H I 1216		1437	1437	2162							
R			18 46 54	18 38 29.9					C IV 1549											
1558+282			15 58 8.2	16 0 11.02	20.8			2.32	H I 1216		1387	1387								
O			28 16 36	28 8 11.9																
1559+173	4C 17.65		15 59 4.63	16 1 20.38	17.7			1.959*	H I 1216	1.9612	343	009	010	560						
R	PKS		17 22 36.5	17 14 16.4					C IV 1549			019	1586	1635						
	VR17.16.06								C III 1909			1901	1818	2228						
	OR 199								Mg II 2798				1891	2263						
	MC 3												2009							
													2092							
1559+286			15 59 13.6	16 1 15.89	21.4			2.49	C IV 1549		1387	1387								
O			28 37 24	28 29 4.0					C III 1909											
1559+140			15 59 35.24	16 1 54.55	18			2.237	O VI 1034		476	476								
R			14 5 29.3	13 57 11.2					H I 1216											
									C IV 1549											
1559+088			15 59 57.8	16 2 22.57				2.269	H I 1216			1138								
			8 53 53	8 45 36.5					N V 1240											
									Si II 1263											
									O I 1304											
									Si IV 1397											
									O IV 1402											
									C IV 1549											
									C III 1909											
1600+284			16 0 8.4	16 2 10.86	21.8			3.25	H I 1216		1387	1387								
O			28 26 12	28 17 55.5																
1600+282			16 0 49.3	16 2 51.97	19.6			2.27	H I 1216		1387	1387								
O			28 13 54	28 5 40.1					C IV 1549											
1601+182	CL 1		16 1 4.2	16 3 18.84	19.5			3.238*	H I 1216	3.217	564	564		564						
O			18 17 17.5	18 9 4.9					N V 1240			472		2228						
									Si IV 1397					2263						
									C IV 1549											
1601+177	CL 2		16 1 28.7	16 3 43.89	18.5			1.481	C III 1909		564	564			873xnd					
O			17 47 0.5	17 38 49.5					Mg II 2798											
1601+184			16 1 38.3	16 3 52.78	20.2			2.31	H I 1216		1439	1439								
O			18 24 8	18 15 57.6					C IV 1549											
1601+184	CL 3		16 1 47	16 4 1.45	19.5			1.942+	H I 1216		564	564		564	873xnd					
O			18 25 34.2	18 17 24.3					Si IV 1397											
									C IV 1549											
									C III 1909											
1602-001	PKS		16 2 22.11	16 4 56.15	17.49*	.28	-.56	1.624*	H I 1216	1.3245	087	436	1181	023	1000	436, 1485ubv,				
R			-0 11 0.2	-0 19 7.3					Si IV 1397			748		789	1747	761, 1000, 1032,				
									O IV 1402			2281		1476	2228	1181, 2151sp,				
									C IV 1549					1818	2263	1526vlbi				
									He II 1640					1891						
									C III 1909											
									Mg II 2798											

TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1602+178 O	CL 4	16 2 46.4 17 53 21.7	16 5 1.41 17 45 15.6	19.5							3.003*	H I 1216 N V 1240 Si IV 1397 C IV 1549 O III 1663	2.979 2.925	564 472			564 2228 2263	873xnd 9.97 arcmin from NGC 6039 and NGC 6040, 7.47 arcmin from NGC 6041, 6.57 arcmin from NGC 6042 2.2arcmin from NGC 6043, 6.85 arcmin from NGC 6044, 1.48 arcmin from NGC 6045, 1.95 arcmin from NGC 6047, 4.38 arcmin from NGC 6050, 6.0 arcmin from NGC 6054,2118	
1602+576 R	4C 57.27	16 2 53.92 57 39 1.9	16 3 55.85 57 30 54.1	18.3							2.858*	O VI 1034 H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663	2.4084	581 580 2049 2281			1521 2049 1818 2263 1891	1003sp	
1603+183 O	CL 7	16 3 5.5 18 18 16.5	16 5 20.02 18 10 11.6	20.0							1.620	Si IV 1397 C IV 1549 He II 1640 C III 1909		564 564				873xnd 7.45 arcmin from NGC 6053, 2.68 arcmin from NGC 6055, 4.12 arcmin from NGC 6057, 2118	
1603+179 O R	CL 8	16 3 46.4 17 55 43	16 6 1.32 17 47 40.7	21.0							(1.813)	H I 1216 C IV 1549 C III 1909		564 564			457 517	873xnd 8.55 arcmin from NGC 6054, 2118	
1603+181 O	CL 9	16 3 49.8 18 6 18.9	16 6 4.52 17 58 16.8	20.0							(2.066)	C IV 1549 C III 1909		564 564				873xnd 8.62 arcmin from NGC 6053, 7.87 arcmin from NGC 6056, 2118	
1604+181 O	CL 10	16 4 11.4 18 10 45.5	16 6 26.02 18 2 44.8	20.5							1.842	C IV 1549 C III 1909		564 564				873xnd	
1604+176 O	CL 11	16 4 13.2 17 39 28.3	16 6 28.40 17 31 27.7	19.5							2.04	C IV 1549 C III 1909		564 564				873xnd	
1604+177 O	CL 12	16 4 22.5 17 43 15.7	16 6 37.62 17 35 15.7	19.0							2.323	H I 1216 C IV 1549 C III 1909		564 564				873xnd 4.4arcmin from CL 11,1652	
1604+179 O	CL 13	16 4 27 17 56 19.9	16 6 41.88 17 48 20.2	19.5							2.717+	H I 1216 Si IV 1397 C IV 1549 C III 1909		564 564			564	873xnd	
1604+159 BL Lac R	MC 3 4C 15.54 OS 108.2	16 4 49.6 15 59 38	16 7 6.63 15 51 39.8	18.7										343 634			1441	044,415,761sp, 2112x	
1604+290 O R	KP 63	16 4 52.8 29 3 32	16 6 54.06 28 55 33.6	17							1.95	H I 1216 C IV 1549		457 867 2174 457 853				873xnd	

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V) (U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1604+158 X	1E	16 4 53.6 15 52 7.3	16 7 10.77 15 44 9.4	19.07		0.357	Mg II 2798 O II 3727 NeIII 3869 H I 4340 H I 4861		1233 1233					1233x
1604+183 O	CL 14	16 4 57.7 18 23 16.7	16 7 12.04 18 15 19.0	20.0		(1.392)	C IV 1549 C III 1909		564 564					
1605+178 O	CL 15	16 5 1 17 51 26.2	16 7 15.94 17 43 28.7	20.5		2.116	C IV 1549 C III 1909		564 564					
1605+179 O	CL 16	16 5 11.7 17 58 16.8	16 7 26.50 17 50 20.0	19.0		0.888	C III 1909 Mg II 2798		564 564					873xnd
1605+288 O	KP 64	16 5 18.3 28 51 54	16 7 19.79 28 43 57.2	20.5		(1.8)			457 457 853					853rnd,873xnd
1605+355 R	UT	16 5 33.5 35 35 58	16 7 25.31 35 28 1.9	18		0.97	C III 1909 Mg II 2798		1437 1437					
1606+289 R X OS 210 B2	4C 28.40 VR28.16.01	16 6 9.95 28 56 55.7	16 8 11.26 28 49 2.2	19		1.986*	H I 1216 C IV 1549 He II 1640 C III 1909	1.9721 1.9595	033 032 2049 2281			462 032 774 2049 800 2263 1476 1891		831sp,873x
1606+289 O	KP 67	16 6 38.6 28 59 38	16 8 39.82 28 51 46.4	19		2.56	O VI 1034 H I 1216		457 867 457					1320rpol, 853rnd,873xnd, 1617ir
1606+180 R	4C 18.47 VR18.16.02 DA 402 OS 113	16 6 56.67 18 4 6.5	16 9 11.29 17 56 16.4	18		0.346	Mg II 2798 O II 3727 O III 4959 O III 5007		078 009			789 1111 1888 1891		1259imag, 1922sp
1607+290 O	KP 69	16 7 24.9 29 3 24	16 9 25.97 28 55 35.3	19.5		0.36	Mg II 2798 O II 3727		457 867					873xnd,853rnd
1607+183 R	UT	16 7 51.0 18 19 32	16 10 5.28 18 11 45.4	18.5		3.123*	H I 1216 O I 1304 SiIVb 1400 C IV 1549	2.4380	1437 1437 2049 2281			2049 2263		Ly limit abs, 2247
1608+113 R	MC 2	16 8 11.50 11 23 15.7	16 10 33.44 11 15 30.7	18		0.457	Mg II 2798 O II 3727 NeIII 3869 H I 4340 H I 4861 O III 4959 O III 5007		020 019		1111			343fc
1610-771 R	PKS	16 10 51.56 -77 9 52.4	16 17 49.31 -77 17 18.4	19 *		1.71	H I 1216 C IV 1549 C III 1909 Mg II 2798		114 709 1800 2056					1526vlbi, 1707fc,1800, 2103pol, 1897pos
1611+343 R X GV 273 LHE 403 GC	DA 406 OS 319	16 11 47.92 34 20 20.2	16 13 41.08 34 12 48.3	17.76*		1.401	C IV 1549 C III 1909 Mg II 2798		081 073 748 128 084 1181 816 443 1902 1152 748 1544 1557 1792					1201,2103pol, 820,1173,1225, 1322,1336rvar, 750pos,831, 1032,1181sp, 1241x,113fc, 1466,1526, 1955vlbi, 1617ir,1789mm, 1805mmvar 1902avg Bmag
1611-034 X	1E	16 11 50.6 -3 24 7.0	16 14 28.00 -3 31 37.4	17.62		0.298	Mg II 2798 He 3970 H I 4102 H I 4340 H I 4861		1233 1233					1233x, 1233FeIIem
1612+378 R	UT	16 12 3.7 37 50 29	16 13 51.26 37 42 58.0	18.5		1.63	C IV 1549 C III 1909		1437 1437					

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	Z	VAR								R	ABS			
1612+266	NAB	16 12 7	16 14 10.90	17.3					0.395+	Mg II 2798		016	016		2011	016	705,1202pol, 831,1922sp, 853rnd,873x, 1617ir 1259,1700 imag/ext; 7.55 arcmin from NGC 6096, 2118
C		26 40 15	26 32 44.7							Ne V 3426							
X										H I 4102							
R										H I 4340							
										H I 4861							
1612+261	TON 256	16 12 8.72	16 14 13.23	15.41*	.65	-.78	0.131			Ne V 3345		144	063	007	853		007,218, 1451ubv,704, 1202pol,799, 1237,1319, 1617,1729, 2005ir,324, 1117,1598, 1922sp,819, 1030,1362ext, 749pos,873, 1183,1487, 1980,2112x, 1028mm,1214, 1329elp,320fc, 1701,1941uv, 1863irpol, 1884imag em line var, 1763,1833; 3.5 arcmin from spiral, 0.1205zgal, 5.0 arcmin from anon gal,0.1318 zgal,1650,2118 4 compan gals, 1788,2118
C	PG	26 11 46.7	26 4 16.5							Ne V 3426			070	212			
X										O II 3727			217	258			
R										NeIII 3869			219	290			
										He 3970							
										H I 4102							
										H I 4340							
										H I 4861							
										O III 4959							
										O III 5007							
										He I 5876							
										H I 6563							
										S II 6731							
1613+170	OFF 1	16 13 5.2	16 15 20.71	20.0					1.524	C IV 1549		564	564				
O		17 3 3.4	16 55 37.2							C III 1909							
1613+182	OFF 3	16 13 8.1	16 15 22.18	20.0					2.502	H I 1216		564	564				
O		18 17 34.3	18 10 8.3							Si IV 1397							
										C IV 1549							
1613+168	OFF 2	16 13 14.5	16 15 30.27	20.0					2.001	H I 1216		564	564				
O		16 49 20.5	16 41 54.9							C IV 1549							
										He II 1640							
										C III 1909							
1613+658	PG	16 13 36.30	16 13 57.26	15.23	.43	-.87	0.129			H I 4861		1276	1117		2011		1491ubv,1487, 1781,2112x, 1222,1329elp, 1030,1362ext, 1598,1910, 1922sp,1617, 1729,2005, 2018,2029ir, 1724imag, 2100FeIIem IRAS source, 1744;rnd at 11cm,1757; 47.0 arcmin from NGC 6140, 1650,2118; 20 arcsec from spiral gal, 1724;2 compan gals,1788,2118
C	MKN 876	65 50 38.0	65 43 10.2							O III 4959							
X										O III 5007							
1613+172	OFF 5	16 13 41.7	16 15 56.96	18.5					2.729+	H I 1216		564	564			564	
O		17 15 15.1	17 7 51.3							N V 1240							
										Si IV 1397							
										C IV 1549							
										C III 1909							

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1613+173	OFF 6		16 13 44	16 15 59.09	19.0					1.60	Si IV 1397		564	564				
	O		17 23 44.7	17 16 21.0							C IV 1549							
											C III 1909							
1614+051	PKS		16 14 9.08	16 16 37.56	19.5					3.217*	O VI 1034	3.0961	1304		010	539	761sp,	
	R		5 6 54.9	4 59 33.3							H I 1216	2.9574	539		2162	2049	1526vlbi,	
	X										N V 1240	2.515	2049			2263	1686x	
											O I 1304		2281				1709,1720imag/	
											Si IV 1397						ext; anon gal	
											O IV 1402						near,3.125xgal	
											C IV 1549						1720,2118	
											He II 1640							
											O III 1663							
											C II 4267							
1614+055	1E		16 14 52.4	16 17 20.40	18.47					0.855	Mg II 2798		1233	1233		1490		
	X		5 33 36.8	5 26 18.0														
1615+172	OFF 9		16 15 3	16 17 18.25	19.5					2.996	O VI 1034		564	564				
	O		17 12 48.7	17 5 30.2							H I 1216							
											Si IV 1397							
											C IV 1549							
1615+029	PKS		16 15 19.12	16 17 49.92	17.24	-.08	-1.04		1.339		C IV 1549		026	436		789	1032,1181sp,	
	R		2 54 0.7	2 46 43.7							C III 1909			748		803	1451ubv,	
																1395	1526vlbi	
																	1902avg ph mag	
1616+063	DW		16 16 36.6	16 19 3.76	19					2.086	H I 1216		166	578		010	1526vlbi	
	R		6 20 10	6 12 58.0							C IV 1549					412		
																2162		
1617+175	PG		16 17 56.9	16 20 11.67	15.46*	.17	-1.00		0.114		O II 3727		1276	1117	1770	2011	1491ubv,1420,	
	C MKN 877		17 31 34	17 24 26.9							H I 4102		1416	1416			1598sp,1048,	
	X 1E										H I 4340						1416,1487,	
	R										H I 4861						2112x,	
											O III 5007						1420FeIIem,	
											H I 6563						1329elp,1030,	
																	1362ext,1729,	
																	2005ir	
																	3C 334 11	
																	arcmin N,1416;	
																	2 compan gal,	
																	1788,2118;	
																	faint gals	
																	near,2118	
1618+177	3CR 334		16 18 7.31	16 20 21.85	16.77*	.12	-.79		0.555		Mg II 2798		182	154	080	128	007,008ubv,	
	R 4C 17.68		17 43 30.4	17 36 24.0							Mg V 2931			013	212	462	156,705,	
	X PKS										Ne V 2974				248	775	1202pol,324,	
	NRAO 500										O III 3133				252	787	761,1188,1304,	
	OS 131										He II 3203				258	789	1467sp,	
	MC 3										H I 4102				290	870	1159vlbi,	
											H I 4340				753	916	799ir,749pos,	
											O III 4363				875	1111	1107,1980x,	
															920	1476	050,343fc,	
															1068	1545	1688imag,	
															1902	1804	2180spext	
																1888	1796rpol jet	
																1891	1902avg Bmag;	
																1998	faint gals	
																2013	near,2118	
1619-680	PKS		16 19 14.0	16 24 18.93	18					1.354	C III 1909		1707	2199		011		
	R		-68 2 13	-68 9 9.6							Mg II 2798		2151	2151				
1620+103	MC 2		16 20 12.3	16 22 35.08	17.8								343				781ir,019sp,	
BL Lac R			10 20 12	10 13 14.1									634				914rnd,2112x	
1620+356	4C 35.41		16 20 39.63	16 22 29.97	18.5					1.473	C IV 1549		078	009		1111		
	R OS 334		35 38 23.1	35 31 26.0							C III 1909							
	B 2																	
1621+392	UT		16 21 23.4	16 23 7.56	17.5					1.97	H I 1216		1437	1437				
	R		39 16 25	39 9 30.6							N V 1240							
											Si IV 1397							
											O IV 1402							
											C IV 1549							

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1621+361 R	UT	16 21 41.0 36 6 25	16 23 30.49 35 59 32.0	18.5			0.87	C III 1909 Mg II 2798		1437 1437					
1622+268 O	KP 70	16 22 5.3 26 48 25	16 24 8.38 26 41 34.0	21.0			(2.1)			457 853					853rnd,873xnd
1622+269 O	KP 71	16 22 24.5 26 56 20	16 24 27.39 26 49 30.3	20.0			3.16			457 853 1430					853rnd,873xnd
1622+238 R X	3CR 336 4C 23.43 NRAO 501 OS 328 DA 410 PKS	16 22 32.21 23 52 2.0	16 24 39.09 23 45 12.9	17.47*	.44	-.79	0.927	C III 1909 Mg II 2798		008 102 1201	128 462 775 787 1170 1476 1804 1891 2013				008ubv,877, 900,1201pol, 1107,1980x, 2251sp 1796rpol jet
1622+395 R	UT	16 22 38.2 39 31 33	16 24 21.79 39 24 43.6	17.5			1.12	C III 1909 Mg II 2798		1437 1437					
1622-310 R	PKS	16 22 44.86 -31 1 21.2	16 25 55.46 -31 8 7.5	18.1			1.124	C III 1909 Mg II 2798		1004 1251			1251 2056		
1622+158 R	MC 3 4C 15.55 OS 140	16 22 57.81 15 52 9.7	16 25 14.31 15 45 22.6	18			1.406	C IV 1549 C III 1909 Mg II 2798		124 019 436		789 1111			343fc
1623+271 O X	KP 72	16 23 8.6 27 9 59	16 25 11.14 27 3 12.2	18.0			1.44			457 1430					1430x
1623+269 R X	4C 26.48 PKS VR26.16.03 OS 240 B2	16 23 11.50 26 57 13.3	16 25 14.32 26 50 26.7	17.5 *			0.779	C III 1909 Mg II 2798		052 032 1201	462 774 1170				1201pol,831sp, 873,1430x, 1320rpol,033, 083,155fc, 2180spext
1623+173 R		16 23 13.52 17 22 6.4	16 25 28.27 17 15 20.3	19			0.552	O II 3727 H I 4861		343 019 1111		1111 1888			
1623+270 O	KP 73	16 23 17.4 27 0 20	16 25 20.14 26 53 33.8	20.0			(2.3)			457 853			457		853rnd,873xnd
1623+269 O	KP 74	16 23 25.4 26 54 41	16 25 28.26 26 47 55.3	19.6			2.44			457 1439 853					853rnd,873, 1048xnd
1623+155 O	KP 75	16 23 31.3 15 33 53	16 25 48.13 15 27 8.2	20.0			(3.1)			457 853 457					853rnd
1623+268 O	KP 76	16 23 44.8 26 51 27	16 25 47.71 26 44 42.6	18			2.467*	O VI 1034 H I 1216 N V 1240 C IV 1549	2.2754	457 1929 457 867 1430			1929 2228		853rnd,873xnd Ly alpha abs, 1929
1623+268 O	KP 77	16 23 45.4 26 53 54	16 25 48.26 26 47 9.7	17.3			2.526*	O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.5287 2.1615 2.0527 1.9729 1.8802 1.0397 0.8885 0.3292	457 1496 1872 1929			1496 1872 1873 1929 2228 2263		Ly alpha abs, 1496,1929; 2.88 arcmin from KP 78, 1496
1623+268 O	KP 78	16 23 54.2 26 51 42	16 25 57.10 26 44 58.3	19.4			2.605*	H I 1216 N V 1240	2.2405 2.0940 1.9856	457 1496 1929			1496 1929 2228 2263		2.88 arcmin from KP 77, 1496; Ly alpha abs, 1496,1929
1624+269 O X	KP 79	16 24 3.1 26 57 33	16 26 5.86 26 50 49.8	18.5			2.183*	H I 1216 C IV 1549	2.1771 2.0850	457 1929 457 867 1430			1929 2228		853rnd,873xnd, 1430x Ly alpha abs, 1929
1624+416 R	4C 41.32	16 24 18.25 41 41 23.5	16 25 57.68 41 34 40.6	22			2.55			1862			1936		1862vlbi



TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
									ID	Z	VAR	R	ABS
1624+349 R	16 24 29.37 34 58 24.2	16 26 20.44 34 51 42.4	19.4			1.337			1446	1447			
1625-141 R	16 25 57.3 -14 9 18	16 28 46.64 -14 15 52.1	19.5			(1.10)			412	761		011	1526v1bi
1626+554 C X	16 26 51.5 55 29 5	16 27 56.16 55 22 31.2	16.17			0.133	H I 4102 H I 4340 H I 4861 O III 5007		1117	1117 1362			1117Bmag, 2112x,1030, 1362ext
1627+409 O	16 27 39.3 40 55 7	16 29 19.85 40 48 37.6	19.1			1.214	C IV 1549 C III 1909 Mg II 2798		2052	2052			
1628+498 O	16 28 5.5 49 48 12	16 29 26.56 49 41 43.7	20.16			2.662	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909		1517	1517			
1628+381 O	16 28 20.8 38 6 13	16 30 6.35 37 59 46.5	20.0			1.949	H I 1216 C IV 1549 C III 1909		1438	1692 1903			
1628+380 O	16 28 28.0 38 4 47	16 30 13.58 37 58 21.0	16.8			1.461	C IV 1549 C III 1909 Mg II 2798		1438	1438 1692 1903			
1628+374 O	16 28 32.0 37 25 29	16 30 18.70 37 19 3.3	17.0			0.960	C III 1909 Mg II 2798		1438	1438 1692 1903			
1628+380 O	16 28 35.2 38 3 21	16 30 20.82 37 56 55.5	17.0			0.394	Mg II 2798		1438	1438 1692 1903			
1628+377 O	16 28 45.5 37 44 5	16 30 31.65 37 37 40.2	19.9			1.246	C IV 1549 C III 1909		1438	1692 1903			
1628+363 R OS 349 B2	16 28 57.73 36 19 30.6	16 30 46.24 36 13 6.7	17.5			1.254	C IV 1549 C III 1909		033	032 009		462 774 775 800 1111	1201pol,831, 2251sp, 1320rp1
1629+377 O	16 29 6.7 37 43 15	16 30 52.85 37 36 51.7	18.8			1.603	C IV 1549 C III 1909		1438	1438 1692 1903			
1629+120 R MC 2 4C 12.59 PKS	16 29 24.55 12 2 24.3	16 31 45.22 11 56 3.2	18.5	-.02	-.81	1.792*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798	0.9004 0.5316	343	019 436 2049 2281 2092		789 2049 1818 2263	436ubv,020, 124fc
1629+381 O	16 29 29.0 38 11 42	16 31 14.29 38 5 20.1	19.8			2.108	H I 1216 C IV 1549 C III 1909		1438	1692 1903			
1629+409 O	16 29 31.0 40 54 25	16 31 11.38 40 48 3.1	17.0			0.257	Mg II 2798 H I 4102 H I 4340 H I 4861		2052	2052			
1629+378 O	16 29 33.1 37 53 18	16 31 18.92 37 46 56.4	20.0			1.246	C IV 1549 C III 1909		1438	1692 1903			
1629+439 R	16 29 38.54 43 55 2.3	16 31 12.97 43 48 40.7	18.5			1.167	C IV 1549 C III 1909 Mg II 2798		507	1288		534	

TABLE 1—Continued

OTHER NAMES		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
1629+403 O		16 29 38.8 40 21 50	16 31 20.19 40 15 28.7	18.9					2.156	O VI 1034 H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		2052	2052			
1629+374 O		16 29 42.1 37 28 57	16 31 28.60 37 22 36.1	18.6					1.322	C III 1909 Mg II 2798		1438	1438 1692 1903			
1629+382 O		16 29 48.0 38 13 49	16 31 33.21 38 7 28.4	18.4					1.630	C IV 1549 C III 1909 Mg II 2798		1438	1438 1692 1903			
1629+377 O		16 29 49.2 37 47 47	16 31 35.16 37 41 26.5	20.1					1.925	H I 1216 O IV 1402 C IV 1549 C III 1909		1438	1692 1903			
1629+680 R	4C 68.18 5C20.52	16 29 50.74 68 3 39.1	16 29 51.78 67 57 15.2	18.7					2.478*	H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909 C II 4267	2.3067	507	538 2049 2281		534 1654 1818 1891	538 2049 2263 865pos
1629+382 O		16 29 58.3 38 12 13	16 31 43.54 38 5 53.1	20.3					1.138	C IV 1549 C III 1909 Mg II 2798		1438	1692 1903			
1630+377 C	PG K 433-16	16 30 15.2 37 44 10	16 32 1.22 37 37 51.3	15.96					1.478	C IV 1549 C III 1909		1117 1438	1117 1692 1903 2281			1352spvar, 1598sp,1729, 2005ir,2112x, 2174varnd faint gals near,2118
1630+390 O		16 30 20.3 39 2 40	16 32 4.02 38 56 21.5	19.0					1.926	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		2052	2052			
1630+389 O		16 30 22.9 38 54 8	16 32 6.87 38 47 49.7	19.3					1.961	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798		2052	2052			
1630+374 O		16 30 32.2 37 29 35	16 32 18.62 37 23 17.4	18.2					2.037	H I 1216 C IV 1549 C III 1909		1438	1438 1692 1903			
1630+378 O		16 30 51.4 37 53 12	16 32 37.11 37 46 55.7	20.2					(1.479)	C IV 1549 C III 1909		1438	1692 1903			
1631+373 O		16 31 3.0 37 22 46	16 32 49.57 37 16 30.5	18.6					2.940	H I 1216 C IV 1549 C III 1909		1438	1438 1692 1903			
1631+379 O		16 31 6.6 37 54 4	16 32 52.26 37 47 48.7	19.8					1.888*	H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909		1438	1723 1692 1903			1723BAL
1631+376 O		16 31 9.5 37 41 14	16 32 55.53 37 34 58.9	17.8					0.653	Mg II 2798		1438	1438 1692 1903			
1631+379 O		16 31 12.0 37 56 27	16 32 57.59 37 50 12.1	19.2					2.152+	H I 1216 C IV 1549		1438	1438 1692 1903			1438

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1631+395 O		16 31 19.3 39 30 42	16 33 2.09 39 24 27.5	16.7			1.023	C III 1909 Mg II 2798		2052 2052					
1631+379 O		16 31 19.6 37 57 19	16 33 5.15 37 51 4.6	19.2			0.638	Mg II 2798		1438 1438 1692 1903					
1631+379 O		16 31 28.4 37 55 21	16 33 14.00 37 49 7.2	20.2			2.810	H I 1216 C IV 1549		1438 1692 1903					
1631+630 O	KP 80	16 31 33.0 63 0 22	16 32 5.53 62 54 6.1	18.0			2.13	H I 1216 C IV 1549		457 867					
1631+627 O	KP 81	16 31 42 62 44 49	16 32 15.84 62 38 33.7	20			1.98	H I 1216 C IV 1549		457 867 457					853rnd,1617ir
1631+339 O		16 31 43.9 33 58 36	16 33 35.98 33 52 23.5	20.6			1.57	C IV 1549 C III 1909		1387 1387					
1631+373 O		16 31 51.7 37 19 26	16 33 38.29 37 13 13.8	18.0			0.115	H I 4102 H I 4340 H I 4861		2052 2052					
1632+391 R	4C 39.46 OS 353.8 B2	16 32 19.53 39 6 10.6	16 34 2.97 39 0 0.2	18			1.082	C IV 1549 C III 1909 Mg II 2798		033 032 531 462 774 800 2060					1320rpol, 831sp,873xnd 4.2arcsec from anon gal 0.366 zgal,1962,2118
1632+338 O		16 32 37.0 33 51 12	16 34 29.21 33 45 3.1	20.6			3.17	H I 1216		1387 1387					
1632+339 O		16 32 39.0 33 59 18	16 34 31.00 33 53 9.2	21.0			2.37	C IV 1549 C III 1909		1387 1387					
1632+408 O		16 32 44.9 40 48 0	16 34 25.18 40 41 51.2	17.8			1.685	C IV 1549 C III 1909		2052 2052					
1632+334 O		16 32 46.2 33 28 24	16 34 38.99 33 22 15.7	20.5			2.80	H I 1216		1387 1387					
1632+394 O		16 32 51.7 39 26 33	16 34 34.48 39 20 24.7	18.5			2.796	O VI 1034 H I 1216 Si IV 1397 O IV 1402 C IV 1549		2052 2052					
1632+379 O		16 32 59.5 37 59 17	16 34 44.85 37 53 9.4	18.0			1.680	C IV 1549 C III 1909		2052 2052					
1633+267 O		16 33 0.7 26 46 24	16 35 3.20 26 40 17.0	19.8			2.43	H I 1216		1387 1387					
1633+333 O		16 33 2.0 33 21 18	16 34 54.96 33 15 10.8	19.4			1.85	H I 1216 C IV 1549 C III 1909		1387 1387					
1633+340 O		16 33 3.8 34 5 48	16 34 55.60 33 59 40.9	20.1			2.07	H I 1216		1387 1387					
1633+335 O		16 33 6.5 33 31 18	16 34 59.19 33 25 11.1	20.6			3.33	O VI 1034 H I 1216		1387 1387					17 arcsec from gal,1387,2118
1633+340 O		16 33 7.1 34 5 18	16 34 58.91 33 59 11.1	21.0			2.43	H I 1216		1387 1387					
1633+334 O		16 33 19.6 33 29 30	16 35 12.33 33 23 24.0	20.6			1.76	H I 1216 C IV 1549 C III 1909		1387 1387					
1633+186 R	UT	16 33 26.2 18 37 11	16 35 39.09 18 31 6.0	17			1.09	C III 1909 Mg II 2798		1437 1437					877pol

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1633+382	GC R 4C 38.41 X OS 356 B2	16 33 30.63 38 14 12	16 35 15.50 38 8 6.4	18.1			1.810	H I 1216 N V 1240 C IV 1549 C III 1909		220 044 531 837 531 2052 009 2054 852 2052 988 1152 1543 1557 1771 1807 1930 1937 2060					1201,2103pol, 1322,2144rvar, 873x,1280, 1526,1862vlbi, 1617,2021ir, 1649mf,1789mm
1633+267	KP 83 O	16 33 34.8 26 44 17	16 35 37.31 26 38 12.3	17.0			1.30	C IV 1549 C III 1909		457 867					
1633+270	KP 84 O	16 33 50.3 27 1 31	16 35 52.41 26 55 27.3	18.5			2.10	H I 1216 C IV 1549		457 867					853rnd
1633+411	O	16 33 51.6 41 6 28	16 35 31.19 41 0 23.7	17.1			1.142	C III 1909 Mg II 2798		2052 2052					
1633+338	O	16 33 58.8 33 48 0	16 35 51.00 33 41 56.6	20.5			1.74	H I 1216 C IV 1549 C III 1909		1387 1387					
1634+628	3CR 343 R 4C 62.26 NRAO 509 DA 416	16 34 1.12 62 51 42.4	16 34 33.87 62 45 36.5	20.6	.45	-.65	0.988	C II 2326 Ne IV 2424 Mg II 2798 Ne V 3426		097 020			1393 1891 2013		865pos,1280, 1526vlbi, 1617ir 29.02 arcmin from 3C 343.1, 2118
1634+176	MC 3 R	16 34 2.73 17 41 10.1	16 36 16.72 17 35 7.7	18			1.897*	C IV 1549 1.8887 He II 1640 1.8794 C III 1909 -.0001 Mg II 2798		343 019			1586 560 1818 1635 1891 2228 2263		1795rpol jet
1634+406	O	16 34 5.1 40 36 20	16 35 45.62 40 30 16.6	18.6			1.710	H I 1216 C IV 1549 C III 1909		1903 2033					
1634+589	4C 58.32 R	16 34 19.92 58 54 41.7	16 35 10.72 58 48 37.7	17.9			0.985	N III 1750 C III 1909 Mg II 2798		507 580			534 1111		538,1003sp 1795rpol jet
1634+333	O	16 34 21.3 33 22 0	16 36 14.15 33 15 58.1	20.5			2.89	H I 1216		1387 1387					
1634+627	KP 85 O	16 34 22.4 62 44 9	16 34 55.73 62 38 4.6	18.5			1.49	C IV 1549 C III 1909		475 867 457					853rnd 24.65 arcmin from 3C 343.1, 2118
1634+332	O	16 34 28.7 33 15 30	16 36 21.71 33 9 28.7	20.6			2.37	H I 1216		1387 1387					
1634+269	PKS R 3C 342 4C 26.49 NRAO 510 OS 257 B2 DA 417	16 34 34.22 26 54 10	16 36 36.46 26 48 9.3	17.75	.26		0.561	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869		033 083 032			128 462 774 775 800 1891		083ubv, 1201pol,831, 1188sp, 1320rpol, 052fc
1634+402	O	16 34 36.4 40 17 17	16 36 17.47 40 11 15.8	19.3			1.731	H I 1216 C IV 1549 C III 1909		1903 2033					
1634+338	O	16 34 41.7 33 53 42	16 36 33.70 33 47 41.5	21.5			2.11	H I 1216 C IV 1549		1387 1387					
1634+409	O	16 34 47.3 40 54 48	16 36 27.18 40 48 47.5	19.7			0.890	C III 1909 Mg II 2798		1903 2033					brighter of pair 6 arcsec apart,2033

TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
									ID	Z	VAR	R	ABS
1634+706 C X	PG 16 34 51.7 70 37 37	16 34 29.06 70 31 32.7	14.90			1.337	C III 1909 Mg II 2798		1117 1117 2281		2011		1374,1598, 2251sp,1487, 1980,2112x, 1218,2061uv, 1617,1729, 2005,2018, 2029ir, 1352spvar, 1917hfe, 2174varnd IRAS source, 1744,Ly alpha observed with IUE,1829; detection of CO(2.6mm),2231 faint gals near,2118
1634+407 O	16 34 53.8 40 44 2	16 36 34.01 40 38 1.9	19.3			2.132	H I 1216 C IV 1549 C III 1909		1903 2033				
1634+267 O	B KP 87 16 34 59.1 26 42 8	16 37 1.59 26 36 9.0	20.0			1.961	C IV 1549 C III 1909		457 1228				1617ir,2257sp grav lens, 1228,1892
1634+267 O	A KP 86 16 34 59.1 26 42 4	16 37 1.59 26 36 5.0	18.5			1.961*	C IV 1549 C III 1909	1.118	457 1228 853	2174	853	1228 2228 2263	1617ir,2257sp grav lens, 1228,1892; sep 3.8arcsec, 1892
1635+336 O	16 35 3.4 33 41 54	16 36 55.68 33 35 55.0	20.5			2.90	C IV 1549 C III 1909		1387 1387				
1635+400 O	16 35 9.8 40 2 4	16 36 51.29 39 56 5.1	20.4			1.75	H I 1216 C IV 1549 C III 1909		1903 2033				
1635+400 O	16 35 18.3 40 4 54	16 36 59.69 39 58 55.6	20.3			(0.32)	Mg II 2798		1903 2033				
1635+397 O	16 35 19.4 39 44 41	16 37 1.41 39 38 42.7	19.7			1.83	H I 1216 C IV 1549 C III 1909		1903 2033				
1635+266 O	16 35 22.9 26 37 42	16 37 25.47 26 31 44.7	21.0			2.54	H I 1216		1387 1387				
1635+119 R X	MC 2 11 55 46.4	16 37 46.54 11 49 49.8	16.50	.48	-.78	0.146	H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007 H I 6563		020 020		1111 1170 1171		705,1202pol, 1337,1485ubv, 696,912,1781x, 1018phot, 1195xvar,1259, 1884imag, 343fc faint gals near,2118
1635+265 O	16 35 31.2 26 33 30	16 37 33.86 26 27 33.2	20.0			2.26	H I 1216		1387 1387				
1635+159 R	MC 3 PKS 16 35 33.2 15 55 12	16 37 49.24 15 49 15.8	19			2.14	C IV 1549 C III 1909		343 019				
1635+266 O	KP 89 16 35 34.7 26 40 18	16 37 37.20 26 34 21.5	20.5			1.95			457 853 457				853rnd,1617ir
1635+399 O	16 35 37.0 39 55 33	16 37 18.65 39 49 35.9	20.5			0.46	Mg II 2798		1903 2033				
1635+408 O	16 35 46.9 40 50 30	16 37 26.82 40 44 33.5	19.6			0.852	C III 1909 Mg II 2798		1903 2033				
1635+403 O	16 35 58.3 40 23 34	16 37 39.05 40 17 38.4	19.6			2.416	H I 1216 C IV 1549 C III 1909		1903 2033				

TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V) (U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
								ID	Z	VAR	R	ABS	
1635+410 O	16 35 59.8 41 2 38	16 37 39.32 40 56 42.4	19.5		1.426	C IV 1549 C III 1909 Mg II 2798		1903	2033				
1636+400 O	16 36 8.1 40 1 43	16 37 49.52 39 55 48.0	19.4		(2.0)			1903	2033				
1636+473 R GC	16 36 19.2 47 23 29	16 37 45.19 47 17 34.3			0.74	C III 1909 Mg II 2798		581	580		945 1145 1521		1003sp, 1526vlbi
1636+405 O	16 36 20.0 40 34 19	16 38 0.38 40 28 24.8	18.8		2.613	H I 1216 C IV 1549 C III 1909		1903	2033				extended,2033
1636+410 O	16 36 22.5 41 4 43	16 38 1.92 40 58 49.0	19.2		1.841	H I 1216 C IV 1549 C III 1909		1903	2033				
1636+395 O	16 36 33.0 39 33 22	16 38 15.25 39 27 28.8	19.2		1.290	C IV 1549 C III 1909 Mg II 2798		1903	2033				
1636+384 O	16 36 33.4 38 28 43	16 38 17.59 38 22 49.9	17.0		0.360	Mg II 2798 Ne V 3426 H I 4340		2052	2052				
1636+405 O	16 36 46.9 40 34 44	16 38 27.23 40 28 51.6	18.8		(0.18)	Mg II 2798		1903	2033				
1636+399 O	16 36 50.1 39 56 22	16 38 31.62 39 50 29.9	19.6		1.864	H I 1216 C IV 1549 C III 1909		1903	2033				
1636+400 O	16 36 51.5 40 4 38	16 38 32.76 39 58 46.0	20.1		2.010	H I 1216 C IV 1549 C III 1909		1903	2033				
1637+401 O	16 37 7.0 40 8 37	16 38 48.12 40 2 46.0	19.6		1.898	H I 1216 C IV 1549 C III 1909		1903	2033				
1637+388 O	16 37 12.4 38 51 25	16 38 55.86 38 45 34.5	18.3		1.462+	C IV 1549 C III 1909		2052	2052				2052BAL?
1637+391 O	16 37 35.2 39 10 48	16 39 18.05 39 4 59.0	17.8		0.461	Mg II 2798 O II 3727		2052	2052				
1637+574 R S4 GC	16 37 35.48 57 26 23.5	16 38 31.47 57 20 33.0	17		0.745	C III 1909 Mg II 2798		507	538 1443		534 988 1145 1521 1543 1807 1888		865pos,1280, 1526,1862vlbi, 2251sp,510fc, 1617ir,1649mf, 1789mm, 2161rpol
1637+410 O	16 37 46.0 41 4 54	16 39 25.28 40 59 5.6	20.0		1.513	C IV 1549 C III 1909		1903	2033				
1637+411 O	16 37 51.7 41 6 1	16 39 30.94 41 0 13.0	19.3		1.044	C III 1909 Mg II 2798		1903	2033				
1637+407 O	16 37 53.8 40 45 26	16 39 33.69 40 39 38.2	19.6		2.248	H I 1216 C IV 1549 C III 1909		1903	2033				
1637+407 O	16 37 55.0 40 45 23	16 39 34.89 40 39 35.3	20.6		1.673	H I 1216 C IV 1549 C III 1909		1903	2033				
1638+390 O	16 38 10.7 39 0 35	16 39 53.81 38 54 48.5	18.5		2.372	H I 1216 Si IV 1397 O IV 1402 C IV 1549		2052	2052				
1638+403 O	16 38 13.0 40 19 52	16 39 53.67 40 14 5.5	19.2		1.965	H I 1216 C IV 1549		1903	2033				

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1638+411 O		16 38 14.0 41 9 31	16 39 53.09 41 3 44.6	19.0			1.595	C IV 1549 C III 1909		1903 2033					
1638+411 O		16 38 31.4 41 11 7	16 40 10.42 41 5 21.7	17.9			1.097	C IV 1549 C III 1909 Mg II 2798		1903 2033					
1638+409 O		16 38 34.1 40 55 20	16 40 13.62 40 49 34.9	19.7			1.380	C IV 1549 C III 1909		1903 2033					
1638+410 O		16 38 39.3 41 3 56	16 40 18.54 40 58 11.3	18.6			1.302	C IV 1549 C III 1909 Mg II 2798		1903 2033					
1638+398 R	NRAO 512 S4 OS 264.4	16 38 48.29 39 52 30.3	16 40 29.76 39 46 46.3	18.5 *			1.666+	C IV 1549 C III 1909		238 1437 1614 754 1152 1984 1205 2054 2174					1565vlbi, 1789mm, 18020VV, 2161rp01
1638+402 O		16 38 48.7 40 12 58	16 40 29.53 40 7 14.0	19.7			1.183	C III 1909 Mg II 2798		1903 2033					
1638+400 O		16 38 53.0 40 2 6	16 40 34.17 39 56 22.3	18.5			1.625	C IV 1549 C III 1909 Mg II 2798		1903 2033					
1638+408 O		16 38 56.4 40 48 44	16 40 36.10 40 43 0.5	20.9			0.44			1903 2033					1903phot mag
1639+388 O		16 39 7.8 38 52 23	16 40 51.08 38 46 40.4	19.0			2.029	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		2052 2052					
1639+409 O		16 39 10.4 40 58 2	16 40 49.78 40 52 19.4	18.4			1.600	C IV 1549 C III 1909 Mg II 2798		1438 1692 1903 2033					
1639+406 O		16 39 10.9 40 39 3	16 40 50.88 40 33 20.5	19.9			0.37	Mg II 2798		1903 2033					
1639+401 O		16 39 21.5 40 6 27	16 41 2.49 40 0 45.2	19.2			2.253	H I 1216 C IV 1549 C III 1909		1903 2033					
1639+407 O		16 39 25.5 40 42 35	16 41 5.35 40 36 53.5	18.2			2.416+	H I 1216 C IV 1549 C III 1909		1438 1438 1692 1903 2033				1438	
1639+155 R	MC 3 4C 15.58	16 39 42.50 15 31 9.1	16 41 58.89 15 25 29.9	20.3			0.871	Mg II 2798 O II 3727		2199 2199					
1639+396 O		16 39 48.9 39 40 16	16 41 30.66 39 34 36.1	19.2			2.614	H I 1216 C IV 1549 C III 1909		1903 2033					
1639+410 O		16 39 54.3 41 3 22	16 41 33.45 40 57 42.4	20.5			1.756	H I 1216 C IV 1549 C III 1909		1438 1692 1903					
1640+471 O	PC	16 40 0.1 47 11 26	16 41 26.16 47 5 46.4	19.51			2.764	H I 1216 C IV 1549 C III 1909		1546 1546					
1640+396 X R		16 40 6.1 39 40 48	16 41 47.82 39 35 9.3	18.3	-.60		0.540			1014 1314 1314 1033 1903			1317		1209imag, 1033x,1033, 1617ir Near 3C 345; 3 arcmin from MCG 7-34-136, 0.034zgal, 15.2vgal,1314, 1696,2118

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
1640+401		16 40 13.9	16 41 54.82	17.1	*	-0.40			1.005	C III 1909		1014 2033 1770 1317			1209imag,	
X		40 6 16	40 0 37.8							Mg II 2798		1314 1033			1033x,1033,	
R												1314			1617ir,	
												1903			1314FeIIem	
															Near 3C 345;	
															2 arcmin from	
															MCG 7-34-137;	
															2118	
1640+409		16 40 19.2	16 41 58.48	20.2					2.156	H I 1216		1438 1692				
O		40 58 8	40 52 30.1							C IV 1549		1903				
										C III 1909						
1640+409		16 40 20.7	16 41 59.93	19.2					0.878	C III 1909		1438 1438				
O		40 59 28	40 53 50.2							Mg II 2798		1692				
												1903				
1640+397		16 40 29.6	16 42 11.19	18.0					(0.625)			1903 1903			1903phot mag	
O		39 44 13	39 38 35.9													
1640+411		16 40 39.3	16 42 18.25	19.6					2.180	H I 1216		1438 1438				
O		41 7 17	41 1 40.5							C IV 1549		1692				
										C III 1909		1903				
1640+398		16 40 47.1	16 42 28.50	18.6					1.860	H I 1216		1014 1692				
O		39 49 19	39 43 43.1							C IV 1549		1903				
										C III 1909		2033				
1640+400		16 40 47.3	16 42 28.24	19.7					2.529*	H I 1216		1014 1692			1723BAL	
O		40 4 6	39 58 30.1							C IV 1549		1723				
										C III 1909		1903				
1640+409		16 40 47.6	16 42 26.90	20.4					2.327	H I 1216		1903 2033				
O		40 56 16	40 50 40.1							C IV 1549						
1640+404		16 40 51.5	16 42 31.66	20.1					1.580	C IV 1549		1438 1692				
O		40 28 59	40 23 23.4							C III 1909		1903				
1640+400		16 40 53.2	16 42 34.12	19.3					1.595	C IV 1549		1014 1692				
O		40 4 28	39 58 52.5							C III 1909		1903				
1640+395		16 40 57.3	16 42 39.20	20.2					1.466	C IV 1549		1014 1692			Brighter, east-	
O		39 32 54	39 27 18.8							C III 1909		1903			ernmost of	
															close pair,	
															1692	
1641+396		16 41 2.2	16 42 43.85	19.8					1.414	C IV 1549		1014 1692				
O		39 40 37	39 35 2.2							C III 1909		1903				
1641+394		16 41 9	16 42 50.98	18.9					2.381	H I 1216		1014 1014			Near 3C 345,	
O		39 29 32	39 23 57.6							C IV 1549		1692			1014	
												1903				
1641+406		16 41 12.5	16 42 52.41	20.4					2.820	H I 1216		1438 1438				
O		40 36 2	40 30 27.8							C IV 1549		1903 2033				
1641+412		16 41 15.8	16 42 54.43	18.8					2.03 *	H I 1216		1438 1438		1438	1723,2052BAL	
O		41 15 46	41 10 12.0							C IV 1549		2052 1692		1723		
										C III 1909		1723				
												1903				
												2052				



TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES	
1641+399	3CR 345	16 41 17.62	16 42 58.83	15.96*	.29	-.50	0.595	Mg II 2798		221	013	003	124	560	003,531ubv,	
	R 4C 39.48	39 54 10.7	39 48 36.9					Mg II 2804			154	066	462		099,183,242,	
	X NRAO 513							Ar IV 2869			217	080	794		329,703,705,	
	OS 368							O III 3133			1731	183	834		804,900,1087,	
	DA 420							Ne V 3345			1903	212	837		1201,1202,	
	LHE 413							Ne V 3426				221	860		1541,1582,	
								NeIII 3869				242	903		1730,1940,	
								H I 4102				249	941		1988,2062,	
								H I 4340				252	988		2103pol,959,	
												281	993		960,1066,1071,	
												282	1128		1280,1466,	
												283	1152		1526,1565,	
												284	1167		1648,1672,	
												287	1212		1919vlbi,287,	
												290	1229		1188,1467sp,	
												483	1367		1320,1388,	
												531	1543		1579rpol,799,	
												754	1544		983,1012,1141,	
												755	1557		1196,1580,	
												813	1771		1589,1617,	
												920	1792		2021ir,801,	
												1068	1807		887,936,1134,	
												1142	1930		1135,1336,	
												1472	1996		1721rvar,1357,	
												1592	2007		1570,1649,	
												1802	2013		1971,1972mf,	
												1933	2070		1207,1261,	
												2024			1688imag,873,	
												2054			1107x,1027,	
												2068			1028,1789mm,	
												2160			1018,1939phot,	
												2174			749pos,136,	
												2271			145,182,	
															1748fc,	
															1782lrvar,	
															1805mmvar,	
															1858rjet,	
															1570OVV,	
															1941uv,	
															1942uvvar	
															IRAS source,	
															1644,1748,	
															1806,1860;	
															superluminal	
															source,1071,	
															1827,1845;	
															4.2arcmin from	
															NGC 6212,faint	
															gals near,2118	
1641+412		16 41 21.5	16 43 0.14	19.6				1.240	C IV 1549	1438	1692					
	O	41 15 6	41 9 32.4						C III 1909		1903					
									Mg II 2798							
1641+404		16 41 22.6	16 43 2.70	18.4				1.360	C IV 1549	1438	1692					
	O	40 29 21	40 23 47.5						C III 1909		1903					
									Mg II 2798		2033					
1641+399		16 41 30	16 43 11.12	20.9				2.0	H I 1216	1014	1014					1207,1261imag
	O	39 56 44	39 51 11.1						C IV 1549							Near 3C 345,
																1014; 3.47
																arcmin from
																NGC 6212,2118
1641+408		16 41 32.5	16 43 11.89	20.8				(0.368)	C III 1909	1438	1692					
	O	40 51 28	40 45 55.2								1903					
1641+409		16 41 32.5	16 43 11.73	18.6				0.830	C IV 1549	1438	1692					
	O	40 56 17	40 50 44.2						C III 1909		1903					
1641+405		16 41 33.6	16 43 13.48	18.6				2.260	O VI 1034	1438	1438					
	O	40 35 45	40 30 12.3						H I 1216		1692					
									C IV 1549		1903					
									C III 1909							
1641+398		16 41 38	16 43 19.34	21.2				2.0	H I 1216	1014	1014					Near 3C 345,
	O	39 49 11	39 43 38.6						C IV 1549							1014; 4.62
																arcmin from
																NGC 6212,2118

TABLE 1—Continued

	OTHER NAMES	RA (1950)	RA (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R	
1641+396		16 41 44.0	16 43 25.67	18.0			0.443	Mg II 2798		1014 1692				
O		39 38 6	39 32 34.0					H I 4861		1903				
1641+410		16 41 44.4	16 43 23.42	20.7			2.385	H I 1216		1438 1692				
O		41 2 20	40 56 48.0					C IV 1549		1903				
								C III 1909						
1641+399		16 41 46.0	16 43 27.03	18.1	*	-.10	0.704	Mg II 2798		1014 1314 1770				Near 3C 345,
X		39 58 52	39 53 20.2							1314 1014				1014; 5.23
										1903				arcmin from
														NGC 6212,2118
1641+399		16 41 46.1	16 43 27.19	18.4			1.083	C IV 1549		1014 1692				Near 3C 345,
O		39 56 57	39 51 25.2					C III 1909		1014				1014; 3.4
								Mg II 2798		1903				arcmin from
														NGC 6212,2118
1641+411		16 41 47.8	16 43 26.64	19.2			1.570	C IV 1549		1438 1438				
O		41 7 51	41 2 19.2					C III 1909		1692				
										1903				
1641+399		16 41 53.4	16 43 34.41	19.3		-.60	0.594			1265 1265				1265ubv,
X		39 59 5	39 53 33.7							1903				1884imag,
														897fc,897sp
														5.93 arcmin
														from NGC 6212,
														2118
1641+400		16 41 55.8	16 43 36.59	18.9			2.113	H I 1216		1014 1014				Near 3C 345,
O		40 5 54	40 0 22.8					C IV 1549		1692				1014
								C III 1909		1903				
1641+402		16 41 58.2	16 43 38.70	19.5			1.358	C IV 1549		1903 2033				
O		40 15 6	40 9 35.0					C III 1909						
1642+394		16 42 0.8	16 43 42.70	19.3			0.434	Mg II 2798		1692				
O		39 29 56	39 24 25.2					H I 4340		1903				
1642+397		16 42 2	16 43 43.36	20.6			2.3	H I 1216		1014 1014				Near 3C 345,
O		39 47 28	39 41 57.3					C IV 1549						1014; 7.65
														arcmin from
														NGC 6212,2118
1642+410	A	16 42 4.2	16 43 43.19	18.9			0.342	Mg II 2798		1438 1692				
O		41 2 25	40 56 54.3							1903				
1642+410	B	16 42 6.5	16 43 45.49	20.4			1.240	C IV 1549		1438 1692				
O		41 2 12	40 56 41.5					C III 1909		1903				
								Mg II 2798						
1642+410		16 42 11.9	16 43 50.82	19.7			1.370	C IV 1549		1438 1692				
O		41 4 13	40 58 42.9					C III 1909		1903				
								Mg II 2798						
1642+690	4C 69.21	16 42 18.08	16 42 7.88	19.2			0.751	Mg II 2798		507 1540			988	1280,1862vlbi,
R		69 2 13.2	68 56 39.8					Ne V 3345		510 1568			993	1766rvar,
								Ne V 3426		865			1145	1789mm,
								O II 3727					1338	2103pol,
								NeIII 3869					1543	2161rpol
								H I 4102					1568	superluminial
								O III 4363					1937	source,1827
								H I 4861						
								O III 4959						
								O III 5007						
1642+398		16 42 25	16 44 6.23	20.5			2.179*	H I 1216		1014 1723				1692,1723BAL
O		39 50 34	39 45 4.8					N V 1240		1014				Near 3C 345,
								Si IV 1397		1692				1014; 9.32
								C IV 1549		1903				arcmin from
														NGC 6212,2118
1642+400		16 42 34.9	16 44 15.74	19.7			1.377	C IV 1549		1692				
O		40 2 43	39 57 14.5					C III 1909		1903				
								Mg II 2798						
1642+402		16 42 40.4	16 44 20.79	19.3			0.608	Mg II 2798		1903 2033				
O		40 16 56	40 11 27.9											

TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
									ID	Z	VAR	R	ABS	
1642+411 O	16 42 42.0 41 9 42	16 44 20.70 41 4 13.9	19.4			1.436	C IV 1549 C III 1909 Mg II 2798		1438	1692 1903				
1642+407 O	16 42 47.0 40 47 56	16 44 26.39 40 42 28.3	19.0			0.928	C III 1909 Mg II 2798		1438	1692 1903				
1642+409 O	16 42 48.0 40 58 48	16 44 27.04 40 53 20.4	18.8			1.292*	C IV 1549 C III 1909 Mg II 2798		1438	1723 1692 1903				1723BAL
1642+412 O	16 42 57.6 41 12 32	16 44 36.19 41 7 5.0	19.0			1.970	H I 1216 C IV 1549 C III 1909		1438	1692 1438 1903				
1642+401 O	16 42 59.6 40 6 4	16 44 40.30 40 0 37.2	18.8			1.268	C IV 1549 C III 1909 Mg II 2798		2052	1903 2052				
1643+406 O	16 43 5.1 40 37 20	16 44 44.81 40 31 53.6	18.7			1.451	C IV 1549 C III 1909 Mg II 2798		1438	1692 1903				
1643+395 O	16 43 20 39 31 13	16 45 1.76 39 25 47.6	19.1			2.141*	H I 1216 N V 1240 Si IV 1397 C IV 1549		1014	1723 1014 1692 1903			1723	1692,1723BAL Near 3C 345, 1014
1643+400 O	16 43 26.7 40 4 43	16 45 7.41 39 59 18.1	18.0			1.884*	H I 1216 N V 1240 Si IV 1397 C IV 1549		1014	1723 1014 1692 1903			1723	1723BAL Near 3C 345, 1014
1650+472 O	PC 16 50 43.4 47 13 5	16 52 8.32 47 8 9.8	19.08			1.083	C III 1909 Mg II 2798		1546	1546				
1652+398 BL Lac X R OS 387 4U	MKN 501 4C 39.49 B2 OS 387 4U	16 52 11.73 39 50 26	16 53 52.22 39 45 37.5	14.44*	.74	-.25			371		734 837 875 988 970 1084 1068 1152 1933 1160 2271 1367 1474 1481 1557 1757			323,648,661, 717,1777ubv, 323,642,661, 705,707,856, 1626,1988, 2046,2062, 2167pol,856, 1011,1056, 1389,2195phot, 929,1164,1250, 1386mf,825, 1348uv,639, 668,825,829, 1057,1278, 1306,1307, 1534,1542, 1642,1925, 1936,2107, 2112x,1280, 1862vlbi,1012, 1702ir,1028mm, 553,661sp,664, 717fc, 2259imag 0.034zgal,661, 100,1777;IRAS source 1806; 1902avg Bmag
1652+138 R	MG	16 52 23.88 13 51 9.7	16 54 41.93 13 46 23.3	20.93		1.74	C III 1909 Mg II 2798		1975	2295 2295 1975		1975		grav lens 2295 3 arcsec from 19mag gal, 0.254zgal,1975 2118
1652+151 R	UT	16 52 35.2 15 7 42	16 54 51.73 15 2 56.3	18		0.29	Mg II 2798 H I 4861		1437	1437				
1655+077 R	PKS OS 092	16 55 44.6 7 45 55	16 58 9.66 7 41 22.9	20.8		0.621	C II 2326 Mg II 2798		498	1304		010		761sp, 1526vlbi, 1789mm, 2103pol

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1656+053	PKS R DW X OS 094	16 56 5.72 5 19 46.5	16 58 33.55 5 15 15.9	16.48*	.43	-.63	0.887	C II 2326 Mg II 2798				010	1304 500	2054 1557	010	528,1451, 1485ubv,7801r, 044,761,958, 1304,2251sp, 958FeIIem,020, 165,528fc, 1086rvar, 1224x, 1526vlbi, 2103pol	
1656+348	OS 392 R B2 GC	16 56 12.3 34 48 0.0	16 58 1.46 34 43 28.6	19			1.936	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798				113	443		1297 1521	831,1032, 1181sp, 1526vlbi, 2144rvar, 510fc	
1656+163	UT R	16 56 15.4 16 20 58	16 58 30.37 16 16 27.7	19.0			1.32	C IV 1549 C III 1909				1437	1437				
1656+571	4C 57.28 R	16 56 26.3 57 10 25	16 57 20.60 57 5 52.7	17.4			1.281	C IV 1549 C III 1909				507	1003 538 580		534 945 993	865pos 1795rpol jet	
1656+477	S4 R	16 56 39.60 47 42 19.3	16 58 2.79 47 37 48.9	18.0			1.622	H I 1216 Si IV 1397 O IV 1402 C IV 1549 Mg II 2798				510 581	580 1443		1521	1526vlbi, 1083sp,1789mm	
1657+265	4C 26.51 R OS 295 B2	16 57 22.53 26 34 2.1	16 59 24.17 26 29 36.0	18			(0.795)	Mg II 2798				100	100		1111 1888	222fc	
1658+575	4C 57.29 R	16 58 53.44 57 35 52.4	16 59 45.80 57 31 30.4	17.9			2.174	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909				507	538 2049 2281		534 1584 1818 1891	2049noabs, 2266imag	
1700+518	PG C	17 0 13.4 51 53 37	17 1 24.95 51 49 21.2	15.43			0.288*	Mg II 2798 0.2698 O III 3133 0.2645 H I 4340 0.0000 H I 4861			1117 1354 2293 1117			2011	1354 1374 1435 2228 2263	1207,1261, 1682,1700imag, 1354FeIIem, 1354,1374BAL, 1435,1537, 1598sp,1617, 1729,2005, 2018,2029ir, 1536ext, 1748fc,2061uv, 2112x 0.2555-0.2100 z(abs),1354; uv abs,1789; IRAS source, 1744,1748, 1860;compan gal,1788; faint gals near,2118	
1700+642	HS O	17 0 40.47 64 16 24.8	17 1 0.45 64 12 9.1	16.1	.23		2.722*	Si IV 1397 2.440 C IV 1549 2.433 2.315 2.308				2017	2017		2017 2263	2017uv, 2174varnd Ly alpha abs, 2017; 11arcsec from gal A, 0.086zgal,18.8 rmag, 18arcsec from gal B, 0.19zgal,2017, 2118	
1700+180	4C 17.73 R VR18.17.01 OT 101	17 0 41.09 18 2 55.0	17 2 53.85 17 58 43.3	17.5			(1.424)	C IV 1549 C III 1909				078	009		789 1111 1976		

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1701+379	UT		17 1 24.6	17 3 8.05	19					2.459*	H I 1216	2.4294	1437	1437			2049	
	R		37 55 36	37 51 26.4							N V 1240	2.1692		2049			2263	
											Si IV 1397	0.7105		2281				
											O IV 1402							
											C IV 1549							
											C III 1909							
1701+610			17 1 56.3	17 2 33.36	17.0	.40				0.164			1265	1265	2174			1265ubv,
	X		61 2 38	60 58 28.3														1209ext,1639,
																		1682imag,
																		1910sp
																		2 anon gals,
																		0.052zgals;
																		29 and 38
																		arcsec from
																		QSO,1639;5.55
																		arcmin from
																		NGC 6292,2118
1702+298	4C 29.50		17 2 10.50	17 4 7.18	19.14	.15	-.86			1.930	H I 1216		139	005		128		059,299ubv,
	R		29 51 5.5	29 46 59.6							N V 1240			2049		462		1320rpol,582,
	B2										C IV 1549			2281		774		831sp,033,113,
	CTD 98										He II 1640					800		222fc,1617ir,
	OT 204										C III 1909					1578		2049noabs
																1818		
																1891		
1704+608	3CR 351		17 4 3.47	17 4 41.37	16.01*	.13	-.75			0.371*	Mg II 2798	0.2219	154	154	212	462	1869	003,007,
	R		60 48 31.1	60 44 30.4							Ne V 3426	0.1634		1731	247	775	2263	249ubv,004,
	X										O II 3727				248	863		156,705,
	NRAO 522										H I 4340				249	917		1202pol,
	DA 430										H I 4861				252	1476		1320rpol,
	OT 607										H I 4861				256	1804		1649mf,
	PG										O III 4959				290	1888		958FeIIem,324,
											O III 5007				529	1891		776,958,1117,
															920	1998		1467sp,1028,
															1142	2011		2099mm,696,
															1402	2013		873,912,1107,
															1657			1183,1487,
															1834			1488,1980,
															2174			2112x,772,
																		1355,1693,
																		1941,2061uv,
																		1207,1261,
																		1700imag,
																		985elp,799,
																		1617,1729,
																		2005,2021ir,
																		749pos,
																		1536ext,064fc,
																		1813r/ir,
																		1939phot
																		18.0 arcmin
																		from NGC 6306,
																		1650; faint
																		gals near,2118
																		IRAS source,
																		1806;
																		1902avg Bmag
1704+607	1E		17 4 56.8	17 5 34.77	19.4	1.20	.50						1268			1268		1268,2112x,
BL Lac	X		60 46 15	60 42 18.1												2083		1910sp
	R																	
1704+710	1E		17 4 58	17 4 23.53	17.5	.30				2.015	C III 1909		698	698				698ubv,696,
	X		71 1 30	70 57 30.6							Mg II 2798			2251				698x
1705+018	PKS		17 5 2.71	17 7 34.41	18.9					2.576*	H I 1216	2.3089	025	500		789	2049	045fc,761,
	R		1 52 39.4	1 48 46.8							N V 1240	2.1888		2049		803	2263	1181,1304sp,
											O I 1304	1.2217		2281		2162		1526vlbi
											Si IV 1397							
											O IV 1402							
											C IV 1549							
											O III 1663							
											C III 1909							
1705+188			17 5 42.13	17 7 53.78	19.62	.44	-.22			2.518	H I 1216		124	436		789		436ubv
	R		18 50 28.7	18 46 38.2							C IV 1549					2162		

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES		
1705+456 R	4C 45.34	17 5 50.33 45 40 1.9	17 7 17.68 45 36 10.5	17.6			0.648	Mg II 2798		507	508 538 580 1003	534 1111	865pos	
1710+329 R	UT	17 10 4.2 32 56 34	17 11 55.74 32 53 1.5	19			1.96	H I 1216 C IV 1549		1437	1437			
1711+712 X	1E	17 11 45 71 16 0	17 11 6.58 71 12 29.4	17.5	.20		1.60			698	698		698ubv, 696, 698x	
1713+504 R	53W 009	17 13 48.90 50 24 48.6	17 15 3.58 50 21 30.8				1.090			1406	1497 1497 1396		1246ir 17.9Jmag, 1396	
1714+502 R	53W 015	17 14 8.62 50 16 29.5	17 15 23.67 50 13 13.1				1.129			1406	1396		19.99Jmag, 1396	
1715+432 O		17 15 28.5 43 16 42	17 17 0.59 43 13 31.9	21.0			1.36			2278	2278		2278uv	
1715+535 C R	PG	17 15 30.7 53 31 24	17 16 35.89 53 28 13.2	16.30			1.940*	Si IV 1397 O IV 1402 C IV 1549 C III 1909	1.7587 1.6330 0.3673	1117	1872 1117 2281	2174 2011	1872 1873 2228 2263	1598, 2251sp, 2112x
1716+686 R GC	S4	17 16 27.9 68 39 48	17 16 14.03 68 36 38.4	18.5			0.777	Mg II 2798		510	1443	1521	1526vlbi, 1789mm	
1717+178 BL Lac R	OT 129 PKS GC	17 17 0.36 17 48 9.0	17 19 13.09 17 45 6.9	18.5						149		1086 1367	670, 1988, 2062pol, 971phot, 009, 761sp, 2259imag, 670fc, 781ir, 1526vlbi, 1789mm, 2112x IRAS source 1806	
1718+481 C R	PG	17 18 17.7 48 7 11	17 19 38.25 48 4 12.7	15.33			1.084	C III 1909 Mg II 2798		1117	1117	2011	1218uv, 1536ext, 1598, 2251sp, 1729, 2005ir, 2174varnd, 2112x	
1719+357 R S4	B2	17 19 22.6 35 45 9	17 21 9.06 35 42 16.2				0.263	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869			1443	1521	1526vlbi	
1719+497 R	53W 075	17 19 26.37 49 46 42.7	17 20 42.44 49 43 49.1				2.150			1406	1396		1246ir 22.15Jmag, 1396	
1719+500 O		17 19 35.6 50 5 0	17 20 50.82 50 2 7.1	19.3			1.84	C IV 1549 C III 1909		1387	1387			
1719+503 O		17 19 50.0 50 23 12	17 21 4.35 50 20 20.1	20.4			2.31	C IV 1549 C III 1909		1387	1387			
1719+348 R		17 19 56.42 34 53 37.1	17 21 44.34 34 50 46.8	21.1			1.836			1446	1447			
1720+346 O		17 20 2.3 34 41 49	17 21 50.55 34 38 59.1	18.4			(2.4)	H I 1216 C IV 1549		1438	1438			
1720+499 R	53W 080	17 20 22.07 49 58 26.8	17 21 37.55 49 55 37.2				0.546			1406	1497 1497 1396		1246ir 18.26Jmag, 1396	
1720+346 O		17 20 23.7 34 39 56	17 22 11.99 34 37 7.7	18.4			1.641	C IV 1549 C III 1909		1438	1438 2052 2052			
1720+499 R	53W 085	17 20 37.04 49 57 23.2	17 21 52.55 49 54 34.7				1.820			1406	1396		1246ir 22.79Jmag, 1396	

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
1720+246 V X R	V396 HER	17 20 37.68 24 39 5.9	17 22 41.27 24 36 19.1	16.42*	.40	-.87	0.175		Mg II 2798 O II 3727 H I 4861 O III 4959 O III 5007		223	223 223 1162 476 407 408		223ubv,705, 1202pol,696, 912,1488x, 1259imag, 1319ir IRAS source, 1806		
1720+117 BL Lac X	H	17 20 48 11 47 26	17 23 8.06 11 44 40.5	15.77	.52	-.50					2177				pos from HEAO cat	
1720+346 O		17 20 52.6 34 39 18	17 22 40.90 34 36 31.8	19.8			(1.6)		C IV 1549 C III 1909		1438	1438				
1721+498 O		17 21 19.6 49 50 0	17 22 35.41 49 47 14.5	20.3			2.14		H I 1216		1387	1387				
1721+341 O		17 21 28.9 34 6 50	17 23 18.09 34 4 6.4	20.0			(2.3)		H I 1216 C IV 1549		1438	1438				
1721+343		17 21 29.5 34 21 33	17 23 18.27 34 18 49.4	19			1.80		H I 1216 C IV 1549		633				2061uv	
1721+343 R OT 336 X B2 GV 300 R 206	4C 34.47	17 21 32.01 34 20 41.8	17 23 20.81 34 17 58.4	16.5 *			0.206		Mg II 2798 Ne V 3426 NeIII 3869 NeIII 3968 He 3970 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007 H I 6563		113 009 735 800 1438 1201 994 1171				705,1202pol, 776,831,958sp, 958, 2100FeIIem, 793,1159, 1526vlbi, 1701uv,1781x superluminal source 1908, 2275	
1721+340 O		17 21 41.3 34 3 2	17 23 30.59 34 0 19.3	18.0			0.29		Mg II 2798		2052	2052				
1721+347 O		17 21 59.8 34 44 37	17 23 47.91 34 41 55.6	18.5			(2.2)		H I 1216 C IV 1549		1438	1438				
1722+330		17 22 22.8 33 4 6	17 24 13.69 33 1 26.3	18			1.87		H I 1216 C IV 1549		633					
1722+119 BL Lac X R	4U H	17 22 44.45 11 54 52.4	17 25 4.35 11 52 15.3	16.6							1999 1999 2088 2088			2088	1999pol, 2088mf,2107x 0.018zgal?, 1999	
1723+344 O		17 23 40.9 34 29 4	17 25 29.39 34 26 29.9	20.6			(2.2)		H I 1216 C IV 1549		1438	1438				
1724+399 R	UT	17 24 54.3 39 59 31	17 26 32.72 39 57 1.8	18			0.66		Mg II 2798 O II 3727 NeIII 3968		1437	1437				
1725+499 O		17 25 14.1 49 57 46	17 26 29.33 49 55 17.4	19.9			1.90		H I 1216 C IV 1549		1439	1439				
1725+107 R	MC 2	17 25 32.25 10 45 21.5	17 27 53.51 10 42 56.5	19.2			0.833		C III 1909 Mg II 2798 Mg V 2931 O III 3133 O II 3727		1111 019			1111 1888		
1725+503 O		17 25 43.4 50 18 15	17 26 57.65 50 15 48.5	20.4			2.1		H I 1216		1439	1439				
1725+044 R X	PKS	17 25 56.37 4 29 27.9	17 28 24.99 4 27 4.9	16.99	.44	-.56	0.296		H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		475 1304 500			1171	761sp,873x, 1207,1261imag, 1485ubv, 1526vlbi, 1810pos	

TABLE 1—Continued

		OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
			DEC (1950)		DEC (2000)							ID	Z	VAR	R	ABS		
1726+344	UT		17 26 1.3	17 27 49.83	18.5				2.429*	H I	1216	2.4201	1437	1437			2049	
R			34 25 4	34 22 40.0						N V	1240	2.3830		2049			2263	
										Si IV	1397	2.2992		2281				
										O IV	1402	1.8452						
										C IV	1549							
										C III	1909							
1726+499			17 26 1.6	17 27 16.90	19.3	-.60			0.815				1265	1265			1265ubv,	
X			49 55 29	49 53 3.8													16171r	
1726+504			17 26 25.3	17 27 39.03	19.9				1.9	H I	1216		1439	1439				
O			50 28 30	50 26 6.5														
1727+502	OT 546		17 27 4.32	17 28 18.63	16.70*	.63	-.52						413		756	837	323,648ubv,	
BL Lac C	I ZW 187		50 15 31.4	50 13 10.7									629		875	1200	323,528,1988,	
X															1142	1367	2062pol,	
R															2054	1557	1348uv,	
																1615	1259imag,781,	
																	1012,1141ir,	
																	1007,1114,	
																	1649mf,	
																	965phot,668,	
																	829,1088,2107,	
																	2112x,750pos,	
																	1526vlbi,280,	
																	553,620,628,	
																	630,631sp	
																	0.055egal,553	
																	1902avg Bmag	
1727+502			17 27 12.5	17 28 26.82	19.1				2.1	H I	1216		1439	1439				
O			50 15 7	50 12 46.9														
1727+499			17 27 17.0	17 28 32.18	19.3				1.9	H I	1216		1439	1439				
O			49 56 41	49 54 21.3														
1727+386	UT		17 27 18.1	17 28 58.97	17.5				1.39	C IV	1549		1437	1437				
R			38 40 45	38 38 26.2						C III	1909							
										Mg II	2798							
1727+503			17 27 28.1	17 28 42.13	19.2				2.2	H I	1216		1439	1439				
O			50 21 3	50 18 44.0														
1729+491	4C 49.29		17 29 27.22	17 30 44.49	18.8				1.038	C III	1909		009	1288		507	009sp	
R			49 8 36.3	49 6 26.0						Mg II	2798							
1729+501	4C 50.43		17 29 49.26	17 31 3.71	17.7				1.107	C III	1909		507	580		534	873xnd,538,	
R			50 9 44.3	50 7 35.5						Mg II	2798					1111	1003sp	
																1166		
																1170		
																2009		
1730-130	NRAO 530		17 30 13.43	17 33 2.60	18.5 *				0.902	O II	3727		097	1176	755	1338	020sp,818,952,	
R			-13 2 46.2	-13 4 49.9						H I	4340				1802	1557	1241x,1317fc,	
X										H I	4861					1792	952,1466,	
																	1526vlbi,	
																	879rvar,	
																	1789mm	
1732+160	MC 3		17 32 27.96	17 34 42.69	18.4				(1.88)	C IV	1549		009	415		789	1795rpol jet	
R	4C 16.49		16 2 27	16 0 31.8						C III	1909					1818		
																1891		
																2013		
1732+389	OT 355		17 32 40.49	17 34 20.59	19				0.976	Mg II	2798		791	1984			1985IRAS	
R	S04		38 59 47.0	38 57 51.5									1985					
1732+655	4C 65.21		17 32 46.26	17 32 54.03	17.6				0.856	C III	1909		507	538		534		
R			65 35 23.3	65 33 24.9						C II	2326					1166		
										Mg II	2798							
1734+063	PKS		17 34 47.34	17 37 13.72	17.9				1.207	C IV	1549		412	1861		1861		
R			6 22 48.2	6 21 3.5						Mg II	2798							
1735+356	UT		17 35 30.5	17 37 16.72	18.0				1.27	C III	1909		1437	1437				
R			35 36 47	35 35 4.0						Mg II	2798							
1738+499	OT 463		17 38 12.7	17 39 27.42	19				1.545	C IV	1549		501	1443		1521		
R	S4		49 56 36.0	49 55 3.7														



TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES
1738+350 R		17 38 33.08 35 2 17.4	17 40 20.24 35 0 47.7	20.5			3.240	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1446 1447 1874 2281		
1738+476 BL Lac R	OT 465	17 38 36.58 47 39 27.9	17 39 57.41 47 37 57.5	18.5 *						109	1288 507	1288sp, 1336rvar, 1526vlbi, 2112x
1739+522 R OT 566 X GC	4C 51.37	17 39 28.83 52 13 10.4	17 40 36.82 52 11 43.4	18.5			1.375	C IV 1549 He II 1640 C III 1909		507 538 1288	534 837 945 988 1543 1976	865pos,1241x, 1280,1526, 1862,1919vlbi, 945rvar,510fc, 2103pol
1739+184 R	4C 18.51 PKS	17 39 55.43 18 28 43.5	17 42 6.99 18 27 20.7	16.43	.34	-.89	0.186	Mg II 2798 Ne V 3426 O III 4959 O III 5007		124 436	1111 1171 1476	436,1485ubv
1741-038 R	PKS OT 068	17 41 20.61 -3 48 48.9	17 43 58.85 -3 50 4.6	18.6			1.054+	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 He 3970 H I 4102 H I 4340		025 1861 498 1984 1997	1861 1984	2103pol
1741+279 R	4C 27.38 B2 CTD 102	17 41 57.95 27 54 4.3	17 43 56.48 27 52 49.9	17.7			0.372	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4102		033 032	462 774 775 800 1111 1229 1888	1201pol, 1320rpol, 1322rvar, 831sp
1742+617 R	4C 61.34	17 42 21.6 61 47 11	17 42 51.31 61 45 55.1	18.6			0.523	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4102 H I 4340		581 1288	1521	
1743+173 R	PKS	17 43 21.7 17 21 6	17 45 34.68 17 19 58.2	18.7			1.702	C IV 1549 C III 1909		010 1304	010	761sp, 1526vlbi, 1789mm
1744+206 O		17 44 59.1 20 36 5	17 47 7.84 20 35 4.1	19.0			2.41	H I 1216 C IV 1549		1439 1439		
1745+277 X	1E	17 45 17.1 27 47 38.2	17 47 15.76 27 46 38.3	18.6			0.156	H I 4102 H I 4340 H I 4861 O III 5007		1416 1416		1048x,1910sp
1745+624 R X		17 45 48.07 62 27 55.8	17 46 14.03 62 26 54.8	19.5			3.87	H I 1216 N V 1240 Si IV 1397 C IV 1549		2284 2284		Ly alpha forest 2284
1745+163 R	MC 3	17 45 55.75 16 20 11.5	17 48 10.00 16 19 15.0	17.6			0.392	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 NeIII 3968 H I 4102 H I 4340 O III 4363 He II 4686 H I 4861 O III 4959 O III 5007		476 019 415 476	1111	1201pol 1259,1700 imag/ext
1746+201 O		17 46 33.3 20 10 58	17 48 42.58 20 10 4.0	19.0			1.90	H I 1216 C IV 1549		1439 1439		

TABLE 1—Continued

OTHER NAMES		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
1749+701 BL Lac R	W1 S5 S4	17 49 3.43 70 6 39.1	17 48 32.90 70 5 50.2	17.39*	.45	-.50	(0.77)	O II	3727		615 1984 586 534 1811 2054 1902 907 2174 909 988 1160 1544 1557 1793 1851 1937				877,2046, 2103pol,996, 1280,1526, 1862vlbi,1086, 1667rvar,510, 586fc,865pos, 586ubv,1805, 1855mmvar, 2112x 5.4 arcmin from NGC 6503, 1650,2118;zem= 0.76 given by ref 586 not confirmed by Walsh,priv comm; 1902avg Bmag	
1749+096 BL Lac R	OT 081 4C 09.57 X PKS	17 49 10.4 9 39 43	17 51 32.83 9 39 0.9	17.88*	.52	-.42	0.322	H I O III O III H I S II	4861 4959 5007 6563 6717		165 1850 875 837 1861 970 1160 1902 1212 1229 1367 1544 1557 1721 1807 1861 1930				323,528,648, 1485ubv,323, 1626,1730, 1988,2046, 2103pol,899, 1388,2041rpol, 1241,1441, 2112x,936, 1008,1661, 1766rvar,1028, 1789mm,781, 1141,1589ir, 044sp, 1526vlbi, 1649mf, 1767xvar, 1805mmvar,124, 132,213,528fc IRAS source, 1806; 1902avg Bmag	
1749+499 O		17 49 37.7 49 57 48	17 50 52.08 49 57 5.5	19.8				2.43	H I	1216		1387 1387				
1750+175 R	UT	17 50 33.5 17 34 57	17 52 46.14 17 34 20.6	16.5				0.504	Mg II H I H I H I O III O III	2798 4102 4340 4861 4959 5007		910 877 1437 1437			1325FeIIem, 877pol	
1751+497 O		17 51 26.1 49 45 12	17 52 41.04 49 44 37.4	19.6				2.31	H I	1216		1387 1387				
1751+441 R	OT 486 S4	17 51 53.7 44 10 18	17 53 22.64 44 9 45.9					0.871	C III Mg II	1909 2798		1443		988 993 1152	1526vlbi	
1752+354 R	UT	17 52 4.6 35 28 30	17 53 50.82 35 27 59.3	17.5				0.55	Mg II O II NeIII H I	2798 3727 3869 4340		1437 1437				
1753+204 R	UT	17 53 26.7 20 24 23	17 55 35.65 20 23 59.1	18				1.42	C IV C III	1549 1909		1437 1437				
1756+237 R X	PKS VR23.17.02 OT 295	17 56 56.5 23 43 55	17 59 0.93 23 43 46.2	18				1.721*	H I C IV He II N III C III C II	1216 1.7350 1549 1.6745 1640 1.6164 1750 1.6136 1909 1.4608 2326 1.4440 1.3713 0.0002	010 009 1901		1395 009 1586 558 560 1635 1969 2228 2263		761,1304sp, 1005x, 1526vlbi	
1758+388 R	S4 OT 398	17 58 44.7 38 48 32	18 0 24.77 38 48 30.2	18				2.092	H I C IV	1216 1549		1443		1521	1526vlbi, 1789mm	

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1800+440		OU 401 R S4	18 0 3.45 44 4 13.8	18 1 32.58 44 4 17.4	17.5							0.663	C III 1909 Mg II 2798		507	508 1003 1443	534 945 993 1152		1526vlbi, 1789mm	
1801+010		PKS R DW	18 1 43.37 1 1 19.1	18 4 15.97 1 1 32.2	19							1.522	C IV 1549 He II 1640 O III 1663 C III 1909 Mg II 2798		052	073	023 128 1818		1526vlbi	
1803+676		Kazaryan C 102 X	18 3 37.4 67 37 53.9	18 3 28.90 67 38 9.5	15.78	.26	-.84	0.136					NeIII 3869 H I 3889 NeIII 3968 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007 H I 6563		224 1224 1477	224 1224		912,1195,1488, 1781x,1308ubv, 939ext,1207, 1261imag,1308, 2081sp,1963ir		
1803+784		S5 BL Lac R X	18 3 39.18 78 27 54.2	18 0 45.70 78 28 3.9	17							0.68			1443 1811	1862 2133	933 996 1216 1441 1555 1557 1793 2070 2255		933,2107, 2112x,933, 2046pol,1280, 1526,1862, 1919vlbi,1667, 1766,2133rvar, 1789,1855mm IRAS source var,1806	
1806+456		S4 X GC R	18 6 54 45 41 27	18 8 19.39 45 42 0.3	19.3	.40		0.830				C III 1909 Mg II 2798		1417 1417 1443	1521			1417x, 1526vlbi		
1807+279		4C 27.41 R B2 GC	18 7 13.6 27 57 37	18 9 11.95 27 58 13.0				1.76				H I 1216 C IV 1549 C III 1909		443		1145 1976		831sp,1617ir, 1526vlbi		
1807+698		3CR 371 BL Lac R X NRAO 548	18 7 18.47 69 48 59.0	18 6 50.62 69 49 30.0	14.22*	.55	-.48							064		631 1142 1205 1802 2271	1160 1367 1612 1807 1937		1611ubv,1035, 1673,2107, 2112x,1164, 1649mf,1348uv, 1013phot, 553sp,1782ir, 1748fc,1789mm, 1862vlbi, 2041rpol,2046, 2167pol 0.050zgal, 1611;IRAS source,1744, 1748,1806;	
1816+475		4C 47.48 R	18 16 58.70 47 35 26.9	18 18 19.56 47 36 44.1	18.2			2.230*				H I 1216 O I 1304 Si IV 1397 O IV 1402 C IV 1549 C III 1909	1.8569 1.8334	507 2049 2281	538 782 1818 1891	2049		1013varnd 1795rpol jet		
1819+228		4C 22.47 R PKS	18 19 7.81 22 49 45.7	18 21 13.57 22 51 13.8	18			0.628				Mg II 2798 O II 3727		078	009	1111				
1819+408		4C 40.37 R OU 432 VR40.18.02	18 19 12.81 40 50 11.1	18 20 49.07 40 51 38.5	18			0.733				Mg II 2798 O II 3727 NeIII 3869		009	009	534 1888				
1821+107		PKS R MC 2	18 21 41.69 10 42 44.4	18 24 2.89 10 44 24.3	17.27	.39	-.80	1.364				C IV 1549 C III 1909 Mg II 2798		426 2251 2281	476	1544		877pol,749, 865pos, 910rvar,1451, 1485ubv, 1526vlbi, 1805mmvar, 1983ir		

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
1821+643 X	E		18 21 44 64 19 32	18 21 59.40 64 21 7.5	14.1					0.297*	Mg II 2798 H I 4340 H I 4861 O III 5007	0.297	1224 1224 2303			2303 2245	1224,1995x, 1617,2018ir, 1748fc, 2174varnd, 2245uv,2245, 2304imag 1.5arcmin from anon gal,1650, 2118; IRAS source,1748; Ly alpha abs, 2245	
1823+568 R X	4C 56.27		18 23 15.03 56 49 16.6	18 24 7.16 56 51 0.0	18.4					(0.664)	Mg II 2798 O II 3727		507 1540 1984			945 988 993 1557 1937	538,1288sp, 1241,2112x, 1280,1526, 1862vlbi, 1789mm, 2041rpol, 2103pol	
1827+387 R	UT		18 27 57.1 38 42 17	18 29 37.76 38 44 22.6	19					1.08	C III 1909 Mg II 2798		1437 1437			1976		
1828+487 R X	3CR 380 4C 48.46 OU 447 NRAO 565 DA 452		18 28 13.55 48 42 40.4	18 29 31.84 48 44 46.4	16.81*	.24	-.59		0.692		Mg II 2798 Ar IV 2854 Ar IV 2869 Ne V 3426 H I 4340 H I 4861		136 013 154	247 128 248 462 249 534 252 777 290 787 492 801 529 830 760 882 1145 1152 1340 1393 1804 1891 2000 2013		560	003ubv,705, 1202,2103pol, 958FeIIem, 1060,1280, 1526,1862vlbi, 912,1107, 1980x,287,324, 776,836,958, 1188,1467sp, 1336rvar, 749pos,158, 182fc,1617ir, 1688imag, 1740rpol, 1789mm, 2104rmap faint gals near,2118	
1830+285 R	4C 28.45 VR28.18.01 CTD 108 OU 251 B2		18 30 52.4 28 31 16.6	18 32 50.21 28 33 35.5	17.16	-.25	-.53		0.594		Mg II 2798 H I 4861 O III 4959 O III 5007		078 100 100 443			1111 1145 1888	705,1202pol, 831sp,1451ubv, 1617ir, 1526vlbi superluminal source,2249	
1831-711 R	PKS		18 31 41.34 -71 11 14.6	18 37 28.81 -71 8 44.0	17.5					1.356	C IV 1549 C III 1909 Mg II 2798		1898 1251			1251	1526vlbi	
1833+509 O			18 33 28.6 50 57 54	18 34 40.86 51 0 22.5	19.9					2.31	H I 1216		1387 1387					
1834+512 O			18 34 12.9 51 15 42	18 35 24.33 51 18 13.6	20.3					2.43	H I 1216		1387 1387					
1834+509 O			18 34 56.4 50 57 54	18 36 8.74 51 0 28.8	20.2					2.39	C IV 1549 C III 1909		1387 1387					
1835+509 O			18 35 0.9 50 59 18	18 36 13.18 51 1 53.1	20.6					2.31	H I 1216		1387 1387					
1835+511 O			18 35 2.9 51 11 6	18 36 14.60 51 13 41.3	20.9					2.77	H I 1216		1387 1387					
1836+511 O			18 36 7.4 51 8 54	18 37 19.27 51 11 33.9	19.9					2.827*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 0.8637 0.8182 0.7555	2.2388 2.203 1.1260	1387 1874 1387			1874 2228 2263	Ly limit abs, z=2.861,1874;	
1836+510 O			18 36 12.9 51 3 18	18 37 25.05 51 5 58.3	19.9					1.98	H I 1216		1387 1387					

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC	(1950)		DEC	(2000)								ID	Z	VAR	R	ABS	
1836+508 O		18 36 47.9 50 48 0	18 38 0.82 50 50 42.8	21.3			2.14	H I	1216			1387 1387							
1842+681 R	GC	18 42 43.32 68 6 19.3	18 42 33.58 68 9 24.7	17.9			0.475	Mg II H I	2798 4861			507 1288			534 1521		1526vlbi, 1789mm		
1843+357 R	UT	18 43 37.6 35 45 0	18 45 24.16 35 48 13.4	18			1.21	C IV C III	1549 1909			1437 1437							
1847+335 X		18 47 24.8 33 30 11	18 49 15.31 33 33 40.8	17.7	-.50		0.509					1265 1265					1265ubv, 1617ir,1910sp		
1850-782 IR R	IRAS	18 50 8 -78 15 0	18 57 53.29 -78 11 6.0	15.5			0.162	H I He I H I	4861 5876 6563			2172 2172			2300		2172Jmag 2172extreme FeIIem		
1850+402 R	UT	18 50 51.8 40 15 23	18 52 30.40 40 19 7.1	18.5			2.12	H I C IV	1216 1549			1437 1437							
1853+354 R	UT	18 53 50.1 35 27 25	18 55 37.62 35 31 22.0	19.5			1.69	C IV C III	1549 1909			1437 1437			1976				
1857+566 R	4C 56.28	18 57 31.70 56 41 45.8	18 58 26.93 56 45 56.6	17.3			1.578*	C IV He II O III C III Mg II	1549 1640 1.1057 1663 0.7151 1909 2798	1.2345 1.1057 0.7151	507 538 2174 2049 2281	534 2049 751 2263 1145 1166 1167 1778 1818 1891 1976				2010imag			
1901+319 R	3C 395	19 1 2.34 31 55 15.0	19 2 55.98 31 59 42.7	17.42*			0.635					1538 1272 1902 1539	1272 1338 1792 2093			1099vlbi, 1320rpel, 1336rvar superluminat source,1814; 1902avg Bmag			
1903-802 R	PKS	19 3 56.8 -80 15 1	19 12 40.77 -80 10 6.7	19			0.5					807 807			023 386		1526vlbi, 2103pol		
1908-600 C	R 21	19 8 36 -60 2 0	19 13 0.00 -59 56 55.3	21.45	.33	-.75	1.918	H I Si IV C IV	1216 1397 1549			885 878					878ubv		
1912-550 R	PKS	19 12 35.2 -55 0 9	19 16 39.26 -54 54 48.4	16.49	.09	-.81	0.402*	Mg II NeIII NeIII H I H I H I O III O III	2798 3869 3968 4102 4340 4861 4959 5007	0.4012	421 1304 493	493 1077 1420 1666 2228 2263				761,1420sp, 1077,1355, 1693uv,1617ir, 411fc,1485ubv, 1420FeIIem, 1666,2145imag anon gal near, 2118			
1914-455 R	MC PKS	19 14 1.40 -45 35 56.8	19 17 39.61 -45 30 31.2	16.80	.21	-.74	0.364	Mg II O II H I H I O III O III	2798 3727 4340 4861 4959 5007			411 1445 1445			385		1485ubv		
1921-293 R X	OV 236	19 21 42.26 -29 20 27.0	19 24 51.08 -29 14 30.8	16.82*			0.352	Mg II O II O III O III	2798 3727 4959 5007			188 888 875 1212 892 1452 1068 1557 1902 1961 2054					877,888,1626, 1730,1988, 2062pol,1088, 1441x,781, 1012,1141, 1580,1589ir, 1121,1721rvar, 1388rpel,1130, 1357,1971mf, 1526vlbi, 1789mm, 1902OVV IRAS source, 1806; avg ph mag,1902		

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
1924+507 R	4C 50.47	19 24 49.26 50 46 57.2	19 26 6.69 50 53 2.3	17.9					1.098	C IV 1549 He II 1640 C III 1909 Mg II 2798		507 1288		534 1166 1976		
1928+738 R S5 X	4C 73.18	19 28 49.38 73 51 44.3	19 27 48.55 73 58 0.9	16.5 *					0.302	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 O III 4959 O III 5007 He I 5876 He I 7065		1443 933 2054 1811 1540		933 1212 1667 1793 2144	933x,933, 2103pol,865fc, 996,1526, 1862vlbi, 1664pos, 1766rvar,1789, 1855mm, 2133varnd, 2161rpol superluminous source 1827, 1690;	
1929-457 R	PKS	19 29 7.91 -45 43 5.3	19 32 44.77 -45 36 38.0	19.5					0.652	Mg II 2798 Ne V 2974 O II 3727 NeIII 3968		095 493 1898		023 493	761,1304sp, 411fc, 1526vlbi	
1935-692 R	PKS	19 35 12.08 -69 14 52.3	19 40 25.91 -69 7 57.4	18.8					3.152+	LYB 1026 O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1898 1251			1526vlbi Ly abs 2156	
1936-155 R	PKS	19 36 36.05 -15 32 38.8	19 39 26.68 -15 25 43.1	19.4					1.657	C IV 1549 C III 1909 Mg II 2798		1004 1251		1251 1976	1526vlbi, 1810pos, 2103pol	
1942-571 R	PKS	19 42 28.2 -57 7 50	19 46 34.61 -57 0 28.6	16.93	.25	-.66			0.527	Mg II 2798 Ne V 3426 H I 4340 H I 4861		411 500 1968			761,1304sp, 1485ubv, 2145imag	
1946+769 O	HS	19 46 41.0 76 58 26	19 44 55.05 77 5 52.3	15.85					3.02 *	H I 1216 Si IV 1397 C IV 1549 C III 1909	3.049 2.843 1.738	2252 2252			2252	
1951+498 R		19 51 12.28 49 50 21.5	19 52 36.01 49 58 11.5	17.5					0.466	Mg II 2798 Ne V 3426 NeIII 3869 H I 4340		507 1288		534 1166	superluminous source	
1952-390 O		19 52 35.9 -39 0 54	19 55 57.12 -38 52 54.7	19.2					2.17	H I 1216 N V 1240 C IV 1549		478 478			846rnd	
1953-325 R	PKS	19 53 48.41 -32 33 48.8	19 56 59.48 -32 25 45.2	20.5					1.242	C IV 1549 C III 1909 Mg II 2798		1004 1004		384	781ir, 1526vlbi, 2103pol 0.53 arcmin from anon gal, 2118	
1954+513 R	OV 591	19 54 22.46 51 23 46.4	19 55 42.74 51 31 48.5	18.5					1.22 +	C IV 1549 C III 1909 Mg II 2798		165 578 044		534 988	044 1201pol,945, 1336rvar,1280, 1526,1862vlbi, 865pos,1789mm, 2161rpol	
1954-388 R	PKS	19 54 39.01 -38 53 12.6	19 57 59.78 -38 45 5.5	17.07*	.61	-.63			0.626	Mg II 2798		095 058 745 411		023 411	761,1304, 2229sp,886ir, 1320rpol, 1485ubv, 1526vlbi,1800, 2103pol, 1810pos	

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
1958-179	PKS R OV 198	19 58	4.64	20 0	57.12	17.46			0.65	Mg II 2798 Ne V 3426 O II 3727		188	058		011 1557	1188sp, 1526vlbi, 1810pos, 1852phot
2000-330	PKS R	20 0	13.06	20 3	24.16	19.0			3.783*	LYB 1026 3.5575 O VI 1034 3.5523 H I 1216 3.5479 N V 1240 3.3375 O I 1304 3.3334 Si II 1307 3.2303 Si IV 1397 3.1914 O IV 1402 3.1881 C IV 1549 3.1726 3.1248 3.0465 2.9780 2.9236 2.0330 1.4542	1004	1874		1019	1019	1019fc,1382mm, 1522 1526vlbi,1617, 1594 1847ir, 1695 1810pos 1828 Ref 1522 also 1874 contains 45 1901 Lyman systems; 2049 Ly limit abs, 2059 z=3.548,1874; 2125 Ly alpha abs, 2228 z=3.18,1874; 2243 Ly abs,2156; 2263
2002-382	O	20 2	12.9	20 5	31.76	18.9			2.29 +	H I 1216 N V 1240 C IV 1549		478	478			478 846rnd
2002-185	MC R	20 2	24.39	20 5	17.27	19 *			0.859	C III 1909 Mg II 2798 Ne V 3426 O II 3727 NeIII 3968 O III 4363		466	1304 466	188	011	1526vlbi, 188fc
2003-025	PKS R	20 3	32.22	20 6	8.47	19			1.457	C IV 1549 C III 1909		045	578		789 803 1976	1526vlbi
2005-044	3C 407 R 4C 04.76 PKS NRAO 623	20 5	46	20 8	24.14	18			0.589	C II 2326 Mg II 2798 O II 3727		052	084 831		128 775 1804 1888	2145imag
2005-489	PKS BL Lac R X	20 5	46.56	20 9	25.39	15.3 *						1504		1504 2054	1503	1504,1505sp, 1504,2107, 2112x, 1526vlbi, 1679uv IRAS source, 1806;0.071zgal 1713;
2005+403	R	20 5	59.54	20 7	44.93	19.5 *			1.736	H I 1216 C IV 1549 C III 1909		401	402	401	882 1395 1543 1544 1557 1771 1807 1930 1976	865pos,1526, 2086vlbi, 1789nm
2007+777	S5 R X	20 7	20.42	20 5	31.02	16.5			0.342	O II 3727 O III 4959 O III 5007		1443 1811	1984		933 1441 1555 1557 1793	933,2112x, 933pol,933sp, 996,1526vlbi, 1667,1766rvar, 1789,1855mm, 2133varnd
2008-159	PKS R	20 8	25.88	20 11	15.68	17.2			1.18	C III 1909 Mg II 2798		188	500		1145 1976	761,1304sp, 865pos, 1526vlbi, 1789nm
2009-470	C05.07	20 9	49.1	20 13	23.10	17.78			2.37			2277	2277			
2013-307	PKS R	20 13	23.10	20 16	29.83	20.0			0.978	C III 1909 Mg II 2798		1004	1251		1251	

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS					NOTES
2016+112	MG B		20 16 55.3 11 17 45	20 19 18.02 11 27 13.0	22.5							3.273	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640		1433	1433		1366 1433	1366imag,1366, 1722sp grav lens,1433 2295	
2016+112	MG A		20 16 55.5 11 17 46	20 19 18.22 11 27 14.0	22.5							3.273	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640		1433	1433		1366 1433 2162	1366imag,1366, 1722sp grav lens, 3.4 arcsec sep,1433	
2020-370	PKS		20 20 31.99 -37 5 2.8	20 23 46.75 -36 55 20.2	17.5	.33	-.62	1.048*					C III 1909 Mg II 2798	0.0286 0.0000	103	024 023	561 745	023 387	880 2228 2263	103ubv,880fc, 761,1304sp, 1718,1851absr anon spiral gal near,0.029 zgal,849,2118; 0.3 arcmin from Klemola 31A, 0.75 arcmin from Klemola 31B, 1650;
2021-330	PKS		20 21 26.9 -33 3 25	20 24 35.87 -32 53 39.4	16.30	.52	-.13	1.465					C IV 1549 He II 1640 O III 1663 C III 1909 Mg II 2798		025	2199 058		025 384	1485ubv, 1526vlbi	
2021-208	MC		20 21 38.63 -20 53 38.5	20 24 33.02 -20 43 52.6	18.4							1.299	C IV 1549 He II 1640 C III 1909 Mg II 2798		1445	1445				
2022-702	PKS		20 22 20.55 -70 17 8.4	20 27 24.11 -70 7 16.2	18.8							0.697	Mg II 2798 O II 3727		1898	1251		1251	1526vlbi	
2023-385	O		20 23 1.9 -38 35 1	20 26 18.59 -38 25 9.5	19							2.33	H I 1216 N V 1240 C IV 1549		478	478			846rnd	
2024-217	PKS		20 24 9.1 -21 46 16	20 27 4.27 -21 36 21.2	19							0.463	Mg II 2798 Ar IV 2854 Ne V 3426 O II 3727		188	024		011	761,1304sp, 1526vlbi	
2025+117	MC 2		20 25 54.30 11 45 30.3	20 28 16.87 11 55 30.2	19							1.92	H I 1216 C IV 1549 He II 1640 O III 1663 C III 1909			415		1818 1976	1818pos	
2032+107	MC 3		20 32 58.6 10 45 42	20 35 22.38 10 56 6.4	18.6							0.601	Mg II 2798 O II 3727 NeIII 3869 H I 4340 H I 4861 O III 4959 O III 5007		634	1689		1086 1367	634,1988, 2062pol,781ir, 1526vlbi, 2112x, 2174varnd	
2034-342	F36		20 34 18.33 -34 16 0.1	20 37 27.39 -34 5 29.8	19.64							3.41	H I 1216 N V 1240 C IV 1549		2187	2187			2187m(or)	
2034-331	A05.06		20 34 22.1 -33 11 3	20 37 29.74 -33 0 32.5	17.2							1.90			2277	2277				
2034-332	A05.05		20 34 37.4 -33 16 44	20 37 45.13 -33 6 12.6	18.0							1.09			2277	2277				
2035-344	F21		20 35 7.19 -34 26 49.2	20 38 16.39 -34 16 16.1	19.14							3.01	H I 1216 N V 1240 C IV 1549		2187	2187			2187m(or)	



TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2035-361 C	F09	20 35 46.39 -36 11 36.4	20 38 57.86 -36 1 1.0	18.91			2.32	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2036-324 C		20 36 15.10 -32 28 14.1	20 39 21.61 -32 17 37.3	19.66			1.70			2187 2187					2187m(or)
2037+511 R X	3CR 418 4C 51.42 NRAO 636	20 37 7.3 51 8 35	20 38 36.89 51 19 11.8	20			1.686	C IV 1549 C III 1909 Mg II 2798		400 137			882 1167 1338 1557 1937 1976		873x,936rvar, 1172ir, 1526vlbi
2037-253 R	PKS	20 37 10.78 -25 18 26.1	20 40 8.79 -25 7 46.4	18.8			1.574	Si IV 1397 O IV 1402 C IV 1549 C III 1909		188 1304			011		761sp, 1526vlbi, 1810pos
2037-325 C		20 37 25.00 -32 33 59.7	20 40 31.49 -32 23 18.9	18.70			0.70			2187 2187					2187m(or)
2037-007 O		20 37 25.8 -0 44 39	20 40 0.18 -0 33 59.2	19.9			2.3	H I 1216		1439 1439					
2038-011 O		20 38 10.9 -1 9 10	20 40 45.64 -0 58 27.6	20.4			2.26	H I 1216 C IV 1549		1439 1439					
2038-012 O		20 38 16.6 -1 16 21	20 40 51.45 -1 5 38.3	19.1			2.783*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.6565 2.4238 2.1757 0.8339 0.7952	1439 1874 1439				1874 2228 2263	Ly limit abs, z=2.723,1874; poss damped Ly alpha,z=2.72,1874
2038-371 C	F20	20 38 17.57 -37 11 6.4	20 41 30.07 -37 0 22.5	18.43			3.00	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2038-367 C	F07	20 38 28.15 -36 44 3.4	20 41 40.00 -36 33 19.0	18.62			2.27	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2038-338 C		20 38 32.09 -33 53 12.4	20 41 40.12 -33 42 27.8	19.70			1.40			2187 2187					2187m(or)
2039-331 C		20 39 17.58 -33 11 21.6	20 42 24.63 -33 0 34.5	18.62			2.27			2187 2187					2187m(or)
2039-375 C	F08	20 39 23.04 -37 33 58.7	20 42 35.92 -37 23 11.2	19.65			2.29	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2040-374 O		20 40 7 -37 24 48	20 43 19.56 -37 13 58.0	17.84	-.11	-.46	2.276	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		409 409					1485subv,954sp
2040-400 O		20 40 11.5 -40 1 38	20 43 27.85 -39 50 47.7	18.1			2.07	H I 1216 N V 1240 C IV 1549		478 478					846rnd
2040-327 C	F02	20 40 56.52 -32 46 6.1	20 44 2.84 -32 35 13.6	18.18			0.89			2187 2187					2187m(or)
2041-617 R	MC	20 41 37.14 -61 44 1.3	20 45 44.47 -61 33 4.8	18.3			0.274	Mg II 2798 H I 4340 H I 4861 O III 4959 O III 5007 H I 6563		1445 1445					
2041-310 X		20 41 41.9 -31 4 24	20 44 46.05 -30 53 29.0	18.0			0.434	Ne V 3426 O II 3727 NeIII 3869		1314 1314					1314x

TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
2042-324 C	F34	20 42 5.06 -32 29 52.5	20 45 10.90 -32 18 56.2	19.30							(3.32)	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2042-329 C		20 42 12.55 -32 56 21.1	20 45 18.92 -32 45 24.4	19.40							2.30			2187 2187					2187m(or)
2042-366 C	F12	20 42 17.10 -36 39 5.0	20 45 28.30 -36 28 7.9	19.33							2.44	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2042-344 C		20 42 56.34 -34 28 14.9	20 46 4.56 -34 17 15.7	19.40							2.47			2187 2187					2187m(or)
2043+749 R	4C 74.26	20 43 0 74 54 30	20 42 24.78 75 5 23.0	15.5							0.104	H I 4861 O III 4959 O III 5007 H I 6563		1928 1928		1928 2126			1928, 2126ext, 1928mm
2043-368 C	F19	20 43 11.83 -36 52 1.8	20 46 23.19 -36 41 1.7	19.80							2.88	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2043-331 C	F18	20 43 25.36 -33 8 0.7	20 46 31.82 -32 56 60.0	19.40							2.86	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2043-347 C	F35	20 43 36.33 -34 44 38.7	20 46 44.81 -34 33 37.3	18.63							3.35	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2043-332 C	F29	20 43 44.35 -33 12 54.3	20 46 50.88 -33 1 52.5	19.67							3.18	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2043-338 C	F30	20 43 47.88 -33 50 46.2	20 46 55.19 -33 39 44.2	19.01							3.24	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2043-340 C	F26	20 43 48.55 -34 2 16.9	20 46 56.10 -33 51 14.9	18.78							3.10	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2043-328 C	F16	20 43 49.08 -32 51 46.8	20 46 55.16 -32 40 44.8	18.10							(2.69)	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2044-355 C	F03	20 44 6.62 -35 35 42.1	20 47 16.15 -35 24 39.0	19.39							1.19			2187 2187					2187m(or)
2044-369 C	F27	20 44 21.80 -36 56 45.2	20 47 33.10 -36 45 41.2	18.64							3.12	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2044-168 R	PKS OW 174	20 44 30.78 -16 50 9.4	20 47 19.63 -16 39 5.6	17.36				.19	-.96	1.937*	H I 1216 N V 1240 Si II 1263 O I 1304 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909	1.9213 1.9192 1.7335 1.5583 1.3281	188 1304 024 058		011 058 1976 560 954		1202pol, 761, 954, 1138sp, 1485ubv, 1526vlbi		
2044-027 R	3C 422 4C 02.80 NRAO 639 DA 524 PKS	20 44 34.22 -2 47 25.4	20 47 10.37 -2 36 21.8	19.5				1.30		0.942	Mg II 2798 O III 3133 He II 3203 Ne V 3345 Ne V 3426 O II 3727 Ne III 3869 Ne III 3968		237 137 1898		1111 1804 1888 1891		1201pol, 1172ir, 137fc, 1526vlbi		
2044-370	A05.09	20 44 47.8 -37 1 0	20 47 59.14 -36 49 54.6	18.7							2.10			2277 2277					
2045-373 C	F17	20 45 14.69 -37 21 26.4	20 48 26.43 -37 10 19.5	18.61							2.86	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)

TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
2047-376 C	F01	20 47 3.64 -37 37 9.1	20 50 15.46 -37 25 56.3	19.74					0.68			2187 2187					2187m(or)
2047-655 R	PKS	20 47 44.86 -65 34 27.4	20 52 6.68 -65 23 10.5	17.5					2.32	H I 1216 N V 1240 C IV 1549		767 767					767rvar z=1.145, in 2199
2048-367 C	F06	20 48 13.46 -36 45 24.2	20 51 23.94 -36 34 7.7	19.50					2.26	C IV 1549		2187 2187					2187m(or)
2048+312 R	CL 4	20 48 47.41 31 16 11.2	20 50 51.16 31 27 27.5	19.5					3.198*	O VI 1034 3.1415 H I 1216 2.4561 N V 1240 2.3369 Si IV 1397 1.3486 O IV 1402 C IV 1549	1499 1874 1498 2281		2162 1874 2228 2263			1500sp	
2048+196 R	UT	20 48 56.7 19 38 49	20 51 12.82 19 50 6.2	18.5					2.367*	H I 1216 2.3524 N V 1240 2.2117 Si IV 1397 1.1157 O IV 1402 C IV 1549	1437 1437 2049 2281					2049 2263	
2049-345 C	F04	20 49 9.55 -34 32 32.4	20 52 17.03 -34 21 13.0	19.81					1.61			2187 2187					2187m(or)
2049-362 C	F31	20 49 28.33 -36 15 34.6	20 52 37.97 -36 4 14.1	19.18					3.27	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2049-375 C	F10	20 49 35.97 -37 33 38.8	20 52 47.33 -37 22 17.9	18.38					2.34	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2049-353 C	F23	20 49 40.92 -35 22 22.3	20 52 49.38 -35 11 1.2	18.14					3.04	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2050-359 C	F37	20 50 35.54 -35 58 18.9	20 53 44.64 -35 46 54.8	17.95					3.49	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2050-348 C		20 50 53.62 -34 52 26.0	20 54 1.28 -34 41 1.0	19.14					0.80			2187 2187					2187m(or)
2051-350 C		20 51 16.25 -35 0 13.7	20 54 24.02 -34 48 47.5	18.87					2.48			2187 2187					2187m(or)
2051-373 C	F13	20 51 18.25 -37 20 0.9	20 54 29.04 -37 8 34.5	17.33					2.59	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2051-329 C	F24	20 51 53.54 -32 58 15.7	20 54 58.72 -32 46 47.6	19.51					3.06	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2052-474 R MC	PKS	20 52 50.13 -47 26 19.6	20 56 16.40 -47 14 47.9	19.1					1.489	C IV 1549 He II 1640 C III 1909 Mg II 2798		1445 1251 1898		1251			1445sp, 1526vlbi, 2103pol
2053+156 R		20 53 1.16 15 36 32.8	20 55 21.33 15 48 3.1	18.5					1.112	C IV 1549 C III 1909		476 476					
2053-044 R	PKS	20 53 12.0 -4 28 20	20 55 49.49 -4 16 48.6	19.3					1.177	C III 1909 Mg II 2798		412 1304		011			761sp, 1526vlbi
2054-342 C	F22	20 54 39.25 -34 13 20.1	20 57 45.58 -34 1 43.2	19.34					3.03	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2054-355 C	F33	20 54 49.86 -35 33 37.1	20 57 57.83 -35 21 59.6	17.78					3.31	H I 1216 N V 1240 C IV 1549		2187 2187					2187m(or)
2055-331 C	F05	20 55 12.50 -33 6 49.9	20 58 17.42 -32 55 11.3	19.44					2.24	C IV 1549		2187 2187					2187m(or)

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)			DEC (2000)									ID	Z	VAR	R	
2055-330 C		20 55 25.38 -33 0 7.5	20 58 30.14 -32 48 28.3	18.17			1.30						2187	2187			2187m(or)	
2055-361 C	F14	20 55 34.85 -36 9 39.1	20 58 43.47 -35 57 59.3	18.57			2.64				H I 1216 N V 1240 C IV 1549		2187	2187			2187m(or)	
2055-440 O		20 55 41 -44 0 40	20 59 0.80 -43 48 59.5	17.90	.13	-.78	2.063+				H I 1216 N V 1240 C IV 1549 He II 1640 C III 1909		409	409		954	1485ubv,954sp	
2056-368 C	F11	20 56 28.61 -36 49 58.5	20 59 37.95 -36 38 15.9	19.82			2.40				H I 1216 N V 1240 C IV 1549		2187	2187			2187m(or)	
2057-366 C	F15	20 57 44.53 -36 41 35.6	21 0 53.50 -36 29 49.0	18.12			2.69				H I 1216 N V 1240 C IV 1549		2187	2187			2187m(or)	
2058-333 C	F28	20 58 38.97 -33 19 49.4	21 1 43.68 -33 8 0.1	18.73			(3.17)				H I 1216 N V 1240 C IV 1549		2187	2187			2187m(or)	
2058-425 R	PKS	20 58 42.27 -42 31 5.0	21 1 59.16 -42 19 15.2	17.20*	.36	-.82	0.221				NeIII 3869 NeIII 3968 H I 4102 H I 4861 O III 4959 O III 5007		103 1898	493	745 387	023	761,1304sp, 8861r,1485ubv, 1526vlbi	
2059+034 R	PKS OW 098	20 59 8.06 3 29 41.7	21 1 38.89 3 41 31.5	18.06*	.35	-.84	1.013				C III 1909 C II 2326 Mg II 2798		026	436	756 875 1068 1902	775 789 803	436ubv, 1320rpol,1617, 2021ir, 1526vlbi, 1789mm 1902avg ph mag	
2059+160 O		20 59 13.8 16 4 14	21 1 33.92 16 16 3.8	18.8			2.12						2278	2278			2278uv	
2059-360 C	F25	20 59 36.66 -36 4 59.0	21 2 44.57 -35 53 6.7	18.79			(3.09)				H I 1216 N V 1240 C IV 1549		2187	2187			2187m(or)	
2059-330 C	F32	20 59 37.28 -33 4 35.9	21 2 41.57 -32 52 43.7	19.67			3.28				H I 1216 N V 1240 C IV 1549		2187	2187			2187m(or)	
2103-347	A06.17	21 3 40.4 -34 42 50	21 6 46.04 -34 30 45.4	18.8			1.8						2277	2277				
2104-363	A06.11	21 4 55.1 -36 18 24	21 8 2.48 -36 6 15.6	18.0			2.04						2277	2277				
2106-413 R	PKS	21 6 19.39 -41 22 33.3	21 9 33.18 -41 10 20.5	21.0			1.055				Mg II 2798 Ne V 3426 O II 3727 NeIII 3869		1861	1861 1997		1861	2103pol	
2108-439	C07.35	21 8 38.7 -43 57 30.0	21 11 55.80 -43 45 10.2	18.2			2.25						2277	2277				
2109-690 R	PKS MC	21 9 43.1 -69 3 28	21 14 13.11 -68 51 3.2	19.0			2.10				O IV 1402 C IV 1549 C III 1909		767	2199		011		
2110-680 X	1E	21 10 28.87 -68 1 26.5	21 14 52.52 -67 48 59.7	20.6			(0.9)				Mg II 2798		1284	1284			1284Jmag	
2110+057 O		21 10 46.6 5 42 35	21 13 15.84 5 54 59.7	18.8			1.590				C IV 1549 C III 1909		1438	1438 1692				
2110-451 O		21 10 58.5 -45 9 5	21 14 16.93 -44 56 38.3	18.5			0.555						2274	2274				

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC (1950)			DEC (2000)										Z	VAR	R	ABS	
2111+062 O		21 11 6.5 6 17 32	21 13 35.28 6 29 57.7	19.8			2.330	H I 1216 O IV 1402 C IV 1549				1438 1692 1438							
2111-451 O		21 11 9.7 -45 6 50	21 14 28.03 -44 54 22.8	17.3			1.376					2274 2274							
2111-410 O		21 11 11.9 -41 1 54	21 14 24.30 -40 49 26.8	19.5			2.65	H I 1216 Si IV 1397 O IV 1402 C IV 1549				430 442 430 479 1022							
2111+058 O		21 11 16.2 5 48 45	21 13 45.37 6 1 11.2	19.8			1.383	C IV 1549 C III 1909 Mg II 2798				1438 1438 1692							
2111-679 X	PAVO XD-10 1E	21 11 18.34 -67 58 49.8	21 15 41.31 -67 46 20.6	20.7			0.72	Mg II 2798				1204 1204						1432imag, 1204Jmag	
2111-681 X R	1E	21 11 20.63 -68 6 33.4	21 15 44.28 -67 54 4.0	20.0			1.13	C III 1909 Mg II 2798				1204 1204			1204			1204Jmag	
2111-405 O		21 11 27.4 -40 30 11	21 14 39.04 -40 17 43.1	20.9			1.75	H I 1216 C IV 1549				430 430 479 1022							
2111-677 X	1E	21 11 34.98 -67 47 53.0	21 15 56.82 -67 35 23.0	20.0			(0.5)	Mg II 2798				1204 1204						1204Jmag	
2111-410 O		21 11 37.3 -41 4 49	21 14 49.69 -40 52 20.6	20.4			2.16	H I 1216 C IV 1549				430 430 479 1022							
2111-413 O		21 11 50.8 -41 23 17	21 15 3.56 -41 10 47.9	19.7			2.18	H I 1216 C IV 1549				430 430 479 1022							
2111-435 O		21 11 50.9 -43 35 39	21 15 6.79 -43 23 9.9	16.7			1.708+					2274 2274						2274BAL	
2111-435 C07.21		21 11 51.2 -43 35 19	21 15 7.08 -43 22 49.8	17.6			1.70					2277 2277							
2112-364 A07.01		21 12 1.7 -36 24 57	21 15 8.09 -36 12 27.6	18.0			2.37					2277 2277							
2112-407 O		21 12 10.9 -40 43 22	21 15 22.70 -40 30 52.0	18.3			2.546+	O VI 1034 H I 1216 N V 1240 Si II 1263 Si IV 1397 C IV 1549 He II 1640				330 331 430 478 479 535 1022 1304				954 761,954sp 1304			
2112-401 O		21 12 21.6 -40 11 56	21 15 32.67 -39 59 25.5	20.9			2.43	H I 1216 C IV 1549				430 430 479 1022							
2112+059 C	PG	21 12 23.6 5 55 12	21 14 52.71 6 7 41.4	15.52			0.466	Mg II 2798				1117 1117 1438 1692			2011			1598sp,1617, 1729,2018ir, 2112x faint gals near,2118	
2112+054 O		21 12 24.4 5 29 55	21 14 53.84 5 42 24.5	20.2			2.401	H I 1216 C IV 1549 C III 1909				1438 1438 1692							
2112-405 O		21 12 29.1 -40 31 50	21 15 40.58 -40 19 19.1	18.9			2.10	H I 1216 C IV 1549				430 430 479 1022							
2112-144 R	UT	21 12 33.2 -14 29 16	21 15 18.34 -14 16 45.6	19			1.70	C IV 1549 C III 1909				1437 1437							
2112+172 R	MC 3 4C 17.86	21 12 36.77 17 16 50.0	21 14 56.68 17 29 19.8	18.7			0.878	Mg II 2798 O II 3727 NeIII 3869				1111 019 1804 1888							

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC	(1950)		DEC	(2000)								ID	Z	VAR	R	
2112+059 O		21 12 47.5 5 56 10	21 15 16.60 6 8 40.6	18.9			0.398	Mg II 2798				1438 1438 1692						
2112-127 R	UT	21 12 55.4 -12 47 57	21 15 39.14 -12 35 25.6	18.5			1.14	C III 1909 Mg II 2798				1437 1437						
2113-405 O		21 13 3.6 -40 34 57	21 16 15.05 -40 22 24.5	19.8			2.62	H I 1216 C IV 1549				430 442 430 479 1022						
2113+057 O		21 13 18.1 5 44 45	21 15 47.36 5 57 17.1	20.0			2.463	H I 1216 C IV 1549 C III 1909				1438 1438 1692						
2113-430 O		21 13 23.7 -43 5 32	21 16 38.55 -42 52 58.4	18.0			1.249					2274 2274						
2113-456 O		21 13 25.5 -45 38 45	21 16 44.16 -45 26 11.2	17.3			0.946					2274 2274						
2113-437 O		21 13 38.4 -43 45 8	21 16 54.15 -43 32 33.7	18.5			2.053+					2274 2274						
2113+056 O		21 13 39.6 5 36 5	21 16 8.98 5 48 38.1	18.9			0.509	Mg II 2798				1438 1438 1692						
2113-455 O		21 13 44.0 -45 34 17	21 17 2.48 -45 21 42.3	18.9			2.541					2274 2274						
2114-437 O		21 14 3.5 -43 46 60	21 17 19.21 -43 34 24.5	18.3			2.041					2274 2274						
2114-437	C08.04	21 14 3.5 -43 46 36	21 17 19.20 -43 34 0.5	18.2			2.00					2277 2277						
2114-435 O		21 14 10.8 -43 35 34	21 17 26.21 -43 22 58.1	17.9			1.318					2274 2274						
2114-435	C08.03	21 14 10.8 -43 35 18	21 17 26.20 -43 22 42.1	17.8			2.00					2277 2277						
2114-434 O		21 14 45.8 -43 28 14	21 18 0.91 -43 15 36.5	18.7			1.280					2274 2274						
2115-305 R	PKS MSH 21-34 OX 325	21 15 11.17 -30 31 49.5	21 18 10.61 -30 19 11.2	16.52*	.52	-.71	0.979	C III 1909 Mg II 2798				191 954 290 128 051 745					056,190, 1485ubv,780, 886ir,300fc, 1626pol	
2115-445 O		21 15 18.1 -44 34 54	21 18 34.72 -44 22 14.9	18.9			2.160					2274 2274						
2115-450 O		21 15 42.8 -45 1 59	21 19 0.01 -44 49 18.7	18.3			0.597					2274 2274						
2116+203 R	UT	21 16 17.2 20 21 22	21 18 34.75 20 34 2.3	17			1.68	C IV 1549 C III 1909				1437 1437			1976			
2116-358 O		21 16 22 -35 49 6	21 19 27.00 -35 36 24.2	17.35	.15	-.11	2.341*	H I 1216 N V 1240 C IV 1549	1.9958			409 409				954 1485ubv,954sp 1747 2228 2263		
2116-446 O		21 16 55.2 -44 39 38	21 20 11.59 -44 26 54.3	17.7			1.480+					2274 2274					2274BAL	
2117-470 O		21 17 21.8 -47 3 47	21 20 41.80 -46 51 1.9	19.0			2.255					2274 2274						
2118-414	B05.03	21 18 4.8 -41 24 13	21 21 16.38 -41 11 26.1	17.8			1.80					2277 2277						
2118-469 O		21 18 11.9 -46 56 2	21 21 31.50 -46 43 14.6	18.9			1.720					2274 2274						
2118-402	B05.02	21 18 14.9 -40 17 51	21 21 25.00 -40 5 3.7	18.2			2.90					2277 2277						

TABLE 1—Continued

		OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
			DEC (1950)			DEC (2000)									ID	Z	VAR	R	ABS	
2118-470			21 18 29.1	21 21 48.80	18.32*				-0.49	1.33				1561	1561	1561				
V			-47 2 35	-46 49 46.8																
2118-430		B	21 18 47.6	21 22 1.28	20.35*						1.990	C IV 1549		2094	2094			1.54 arcmin		
V			-43 3 11	-42 50 22.1								C III 1909						from 2118-430A		
																		2094		
2118-430		A	21 18 55.7	21 22 9.36	18.43*				-0.21	2.201+	C III 1909			1561	2094	1561		2094BAL		
V			-43 3 37.6	-42 50 48.3											1561					
2118+168			21 18 59.9	21 21 20.60	19.5						2.30	H I 1216		1439	1439					
O			16 51 26	17 4 14.1								C IV 1549								
2119-479			21 19 25.6	21 22 46.60	18.4						1.464			2274	2274					
O			-47 58 55	-47 46 4.1																
2119-442			21 19 25.7	21 22 40.96	18.3						0.728			2274	2274					
O			-44 15 49	-44 2 58.3																
2119-428			21 19 26.2	21 22 39.43	18.60*	-0.27	-0.43	1.06						1463	1463	1463		1561ubv		
V			-42 49 40	-42 36 49.3																
2120+168		3CR 432	21 20 25.53	21 22 46.32	17.96	.22	-0.79	1.805*	H I 1216	1.7975			064	098			128 560	003ubv,		
R		4C 16.72	16 51 46.4	17 4 38.4					C IV 1549	1.5624							462 1635	1201pol,		
X		PKS															775 1749	1320rpol,1107,		
		OX 134.2															787 2228	1980x,324sp,		
		MC 3															789 2263	050,182,301fc,		
		NRAO 656															916	1617ir		
																	1170	1796rpol jet		
																	1586			
																	1804			
																	1891			
																	2013			
2120-701		PKS	21 20 35.22	21 25 5.73	19.0						1.98	H I 1216		767	767		767			
R			-70 10 53.1	-69 57 57.3								Si IV 1397								
												O IV 1402								
												C IV 1549								
2120-474			21 20 50.8	21 24 10.59	18.0						1.591			2274	2274					
O			-47 27 16	-47 14 21.2																
2120-434			21 20 50.9	21 24 4.72	18.2						1.240			2274	2274					
O			-43 27 57	-43 15 2.3																
2121+053		OX 036	21 21 14.8	21 23 44.52	17.5						1.941	C IV 1549		165	100		1170	761sp,873x,		
R		PKS	5 22 27	5 35 21.6								C III 1909			2251	1557	899rpol,			
X		GC														1976	1086rvar,			
																	132fc,			
																	1526vlbi,			
																	1789mm,			
																	2103pol			
2121-438			21 21 26.8	21 24 41.04	19.79*						2.74			1463	1463	1463				
V			-43 51 34.8	-43 38 38.5																
2121-452			21 21 33.8	21 24 50.03	19.19*						0.758	Mg II 2798		2094	2094			4.27 arcmin		
V			-45 15 10	-45 2 13.3														from 2121-4510		
																		2094		
2121-451			21 21 37.0	21 24 53.11	18.00*						0.332	Mg II 2798		2094	2094					
V			-45 10 55	-44 57 58.2								H I 4861								
2121-441			21 21 42.0	21 24 56.55	18.0						1.735			2274	2274					
O			-44 6 58	-43 54 1.0																
2121-179			21 21 54.3	21 24 41.68	16.50						0.110			1860	1860		2300	IRAS source		
IR			-17 57 43	-17 44 46.1														1860		
R																				
2122-425			21 22 0.2	21 25 12.49	18.1						2.266			2274	2274					
O			-42 31 44	-42 18 46.2																
2123-469			21 23 3.7	21 26 22.10	18.7						1.400			2274	2274					
O			-46 54 52	-46 41 51.1																
2123-408			21 23 8.2	21 26 18.01	18.5						2.29	+ H I 1216		478	478		478	846rnd		
O			-40 48 36	-40 35 35.1								N V 1240								
												C IV 1549								

TABLE 1—Continued

OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
	DEC	(1950)		DEC	(2000)								ID	Z	VAR	R	ABS	
2123-436 O	21 23 21.3 -43 38 30		21 26 34.83 -43 25 28.4	18.3			0.480						2274	2274				
2123-444 A V	21 23 43.2 -44 29 6		21 26 57.83 -44 16 3.4	19.70*			1.353			C III 1909 Mg II 2798			2094	2094				
2123-444 B V	21 23 45.2 -44 29 10		21 26 59.82 -44 16 7.3	19.86*			1.586			C IV 1549 C III 1909			2094	2094				0.35 arcmin from 2123-444A 2094
2124-442 A V	21 24 7.8 -44 12 54		21 27 21.96 -43 59 50.3	19.04*			2.40			Mg II 2798			2094	2094				0.33 arcmin from 2124-442B 2094
2124-442 B V	21 24 9.6 -44 12 59		21 27 23.75 -43 59 55.2	19.45*			1.239			C III 1909 Mg II 2798			2094	2094				
2124-475 O	21 24 17.9 -47 33 3		21 27 37.00 -47 19 58.7	18.9			1.411						2274	2274				
2124-476 O	21 24 28.9 -47 38 39		21 27 48.10 -47 25 34.2	18.7			0.340						2274	2274				
2124-442 C V	21 24 33.8 -44 12 4		21 27 47.84 -43 58 59.1	19.79*			1.625			C IV 1549 C III 1909			2094	2094				
2124-441 V	21 24 36.0 -44 11 12		21 27 50.01 -43 58 7.0	19.69*			1.293			C III 1909 Mg II 2798			2094	2094				0.95 arcmin from 2124-442C 2094
2124-120 O	21 24 37.89 -12 2 1.7		21 27 20.46 -11 48 57.5	19.98			2.034+			H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549			2155	2154			2154	2154fc, 2155Jmag
2124-120 O	21 24 43.29 -12 4 21.3		21 27 25.88 -11 51 16.8	19.35			0.873			Mg II 2798			2155	2154				2154fc, 2155Jmag
2125-135 O	21 25 1.70 -13 35 17.7		21 27 45.43 -13 22 12.3	18.57			2.948+			H I 1216			2155	2154			2154	2154fc, 2155Jmag
2125-121 O	21 25 5.2 -12 11 52		21 27 47.87 -11 58 46.5	19.9			1.323			C IV 1549 C III 1909			2155	2154				2154fc, 2154Bmag
2125-134 O	21 25 14.01 -13 26 9.4		21 27 57.62 -13 13 3.5	19.08			2.201			H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.141		2155	2154			2154	2154fc, 2155Jmag, 2154BAL
2125-461 V	21 25 49.7 -46 11 33		21 29 6.33 -45 58 24.6	20.89*			1.306			C IV 1549 C III 1909			1463	1462	1463			
2125-149 1E X	21 25 54.3 -14 56 40.2		21 28 39.02 -14 43 32.4	18.13			0.304			Mg II 2798 H I 4340 H I 4861			1233	1233				
2125-148 O	21 25 57.4 -14 51 2		21 28 42.05 -14 37 54.1	19.9			2.30			H I 1216 C IV 1549			1439	1439				
2125-134 O	21 25 58.11 -13 24 8.7		21 28 41.65 -13 11 0.8	19.18			2.028			H I 1216 Si IV 1397 O IV 1402 C IV 1549			2155	2154				2154fc, 2155Jmag
2126-150 O	21 26 1.0 -15 3 2		21 28 45.80 -14 49 53.9	19.3			2.2			H I 1216			1439	1439				
2126-118 O	21 26 6.73 -11 48 31.0		21 28 49.06 -11 35 22.7	19.72			2.188			H I 1216 O I 1304 Si IV 1397 O IV 1402 C IV 1549			2155	2154				2154fc, 2155Jmag



TABLE 1—Continued

OTHER NAMES		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
2126-158 R X	PKS	21 26 26.69 -15 51 51.5	21 29 12.09 -15 38 42.3	17.3					3.266*	LYB 1026 2.9676 O VI 1034 2.9071 H I 1216 2.8194 N V 1240 2.7690 Si II 1263 2.7280 O I 1304 2.6791 Si II 1307 2.6380 Si IV 1397 2.4597 O IV 1402 2.3936 C IV 1549 2.0226 C III 1909 -.0001	412 1872 412 455 1438 1874 2281	1872		011 455 2162 544 562 1394 886,1092, 1695 1617ir,912, 1747 2302x,1328mm, 1872 1526vlbi, 1874 1941uv, 2039 2174varnd 2075 Ly alpha abs, 2090 562;Ly limit 2228 abs,z=2.973 2263 and 2.792,1874 9.7arcsec from emline gal, (z=0.210) (m=20.9),2199		
2126-459 V		21 26 33.7 -45 58 44.7	21 29 49.84 -45 45 34.4	18.02*			-0.38	1.58				1561 1561 1561				
2126-185 R	PKS	21 26 33.89 -18 34 32.5	21 29 21.41 -18 21 22.9	20.0					0.680	O II 3727 H I 4861 O III 4959 O III 5007		188 1861		1861		
2126-150 O		21 26 34.1 -15 2 39	21 29 18.86 -14 49 29.5	20.3					2.1	H I 1216		1439 1439				
2126-449 V		21 26 49.1 -44 57 33	21 30 3.70 -44 44 22.0	19.80*					0.967	Mg II 2798		2094 2094				2.21 arcmin from 2127-4456 2094
2126-463 O		21 26 52.9 -46 18 59	21 30 9.47 -46 5 47.8	18.8					1.888			2274 2274				
2127-449 V		21 27 0.3 -44 56 34	21 30 14.84 -44 43 22.5	19.30*					0.522	Mg II 2798		2094 2094				
2127-134 O		21 27 3.35 -13 24 17.8	21 29 46.83 -13 11 7.0	19.30					0.860	Mg II 2798		2155 2154				2154fc, 2155Jmag
2127-133 O		21 27 4.38 -13 19 34.3	21 29 47.80 -13 6 23.4	19.72					(0.654)	Mg II 2798		2155 2154				2154fc, 2155Jmag
2127-133 O		21 27 6.13 -13 21 51.2	21 29 49.58 -13 8 40.3	18.44					2.214+	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		2155 2154		2154		2154fc, 2155Jmag
2127-466 O		21 27 7.2 -46 41 24	21 30 24.27 -46 28 12.2	18.8					0.273			2274 2274				
2127+176 R	UT	21 27 17.7 17 41 36	21 29 38.31 17 54 46.8	18					2.01	H I 1216 C IV 1549		1437 1437				
2127-427 O		21 27 19.3 -42 42 46	21 30 30.72 -42 29 33.7	17.7					0.799			2274 2274				
2127-454 O		21 27 37.2 -45 28 57	21 30 52.37 -45 15 43.9	18.8					2.713			2274 2274				
2127+348 R	UT	21 27 46.2 34 53 24	21 29 51.32 35 6 35.7	18.5					2.40	H I 1216 C IV 1549		1437 1437				
2127-458 V	B	21 27 54.4 -45 52 56	21 31 10.08 -45 39 42.1	19.78*					1.104	C III 1909 Mg II 2798		2094 2094				0.63 arcmin from 2127-458A 2094
2127-458 V	A	21 27 56.0 -45 52 21	21 31 11.66 -45 39 7.0	19.12*					1.241	C III 1909 Mg II 2798		2094 2094				
2128-466		21 28 4.2 -46 39 8	21 31 20.98 -46 25 53.6	20.16*					2.610	H I 1216 C IV 1549		2094 2094				
2128-466 V		21 28 10.2 -46 37 54	21 31 26.93 -46 24 39.4	19.19*					0.436	Mg II 2798		2094 2094				1.61 arcmin from 2128-4639 2094

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)			DEC (2000)									ID	Z	VAR	R	ABS	
2128-434 O		21 28 13.1 -43 27 7	21 31 25.31 -43 13 52.3	17.4				0.920					2274	2274					
2128-459 O		21 28 13.8 -45 55 7	21 31 29.46 -45 41 52.2	18.4				0.624					2274	2274					
2128-461 V		21 28 21.9 -46 10 54	21 31 37.91 -45 57 38.8	17.22*			-.63	0.835	Mg II 2798				1561	2094 1561 1561					
2128-315 R	PKS	21 28 24.52 -31 34 27.6	21 31 23.21 -31 21 12.8	18.5				0.99	Mg II 2798				025	1004		384		1004fc	
2128-355	A08.01	21 28 33.3 -35 32 2	21 31 36.00 -35 18 46.7	18.4				3.19					2277	2277					
2128-123 C X R	PHL 1598 PKS OX 148	21 28 52.72 -12 20 20.1	21 31 35.31 -12 7 4.4	15.89*	.17	-.67	0.501*	Mg II 2798 H I 4340 H I 4861	0.4299 -.0001	055	051	007	023	560	007,055,1451, 1485ubv,1077, 1355,1693, 1941,2061uv, 1202,1626, 2103pol,954, 958,1188,1420, 1467,1922, 2229sp,958, 1420FeIIem, 1183x,1617ir, 1526vlbi, 086fc, 1483rvar, 1789mm, 1797elp, 1810pos, 1942uvvar 8.6arcsec from anon gal,0.430 sgal,1528,2118 2262; 1902avg Bmag				
2128+089 R	AO 4C 08.62 OX 049	21 28 54.43 8 59 19.5	21 31 21.71 9 12 34.8	18.49	.58	-.62	0.986	C III 1909 C II 2326 Mg II 2798		124	084			775	436ubv, 1320rpol				
2129-431 O		21 29 5.3 -43 7 28	21 32 16.89 -42 54 11.0	18.4				0.311					2274	2274					
2129-464 O		21 29 39.4 -46 24 19	21 32 55.43 -46 11 0.4	17.9				0.435+					2274	2274					
2130-438 V		21 30 41.3 -43 48 1.7	21 33 53.43 -43 34 40.5	19.67*				1.03					1463	1463 1463					
2131-461 V		21 31 2.7 -46 9 31.3	21 34 18.03 -45 56 9.1	18.47*			.03	2.94					1561	1561 1561					
2131-010 O		21 31 11.8 -1 1 58	21 33 46.23 -0 48 36.4	19.6				1.58					2278	2278				2278uv, 2278BAL	
2131-009 X R		21 31 14.2 -0 55 12	21 33 48.55 -0 41 50.3	21.6				1.63					2278	2278				2278uv	
2131-429 V		21 31 20.9 -42 58 18	21 34 31.80 -42 44 55.1	19.79*				2.272	H I 1216 C IV 1549 C III 1909				2094	2094					
2131-430 V		21 31 23.5 -43 0 0	21 34 34.42 -42 46 37.0	19.88*				1.647	C IV 1549 C III 1909				2094	2094					
2131-429 V		21 31 33.5 -42 57 51	21 34 44.34 -42 44 27.5	18.11*			-.59	2.093	H I 1216 C IV 1549 C III 1909				1561	2094 1561 1561					

TABLE 1—Continued

OTHER NAMES		RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)			DEC (2000)									ID	Z	VAR	R	
2131-021 BL Lac R X	PKS 4C 02.81	21 31 35.17 -2 6 38.7	21 34 10.35 -1 53 16.1	18.73*				(0.557)					026	436	1902	789 803 1162 1557 1877	058sp,781lr, 1088,2112x, 1526vlbi, 1661rvar, 1789mm, 1810pos,2046, 2103pol 1902avg ph mag	
2131+175 R	4C 17.87	21 31 55.51 17 33 32.4	21 34 16.57 17 46 55.5	19.26				(1.215)					124	436		789 1476 1976		
2132-452 V		21 32 2.9 -45 16 9.8	21 35 16.73 -45 2 45.0	18.32*			-0.57	1.89					1561	1561	1561			
2132-427 V	A	21 32 4.8 -42 45 42	21 35 15.27 -42 32 17.2	18.82*				1.993+	C IV 1549 C III 1909				2094	2094			2094	
2132-427 V	B	21 32 14.9 -42 45 45	21 35 25.33 -42 32 19.8	19.35*				2.146	H I 1216 C IV 1549 C III 1909				2094	2094			1.85 arcmin from 2132-427A 2094	
2132-461 V		21 32 35.2 -46 11 30.8	21 35 50.20 -45 58 4.6	19.17*		.71	-0.57	1.60					1463	1463	1463		1561ubv	
2132-448 V		21 32 37.7 -44 51 2	21 35 50.81 -44 37 35.7	18.04*			-0.49	0.90					1561	1561	1561			
2132+014 O	PC	21 32 37.9 1 26 6	21 35 10.61 1 39 31.3	19.4				3.196					1698	1698			1698rmag	
2132-470 V		21 32 54.1 -47 5 7.8	21 36 10.33 -46 51 40.7	19.55*				0.244					1463	1462	1463			
2132-433 O		21 32 54.9 -43 21 45	21 36 5.96 -43 8 18.0	18.2				2.420					2274	2274				
2132-426 O		21 32 58.0 -42 40 7	21 36 8.16 -42 26 39.9	18.5				1.629					2274	2274				
2133-424 O		21 33 28.6 -42 25 18	21 36 38.33 -42 11 49.6	18.6				0.837					2274	2274				
2133-458 O		21 33 41.2 -45 53 0	21 36 55.50 -45 39 30.9	18.9				0.985					2274	2274				
2133-439 V		21 33 45.8 -43 58 45.2	21 36 57.48 -43 45 16.0	18.11*			-0.26	1.56					1561	1561	1561			
2134+004 C X R GC	PHL 61 PKS DA 553 OX 057 GC	21 34 5.28 0 28 25	21 36 38.66 0 41 54.1	17.55*		.30	-0.94	1.936+	H I 1216 N V 1240 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909 C II 2326			226	073	226	128	954	1201,2103pol, 1320,1388rpol, 1195,1686, 1980x,936rvar, 831,1032, 1181sp,886ir, 1513elp, 1649mf, 1451ubv, 1557 1771 1792 1807 1930 1976	
2134-149 O		21 34 13.1 -14 55 56	21 36 57.30 -14 42 26.3	18.3				2.20	H I 1216 C IV 1549				1439	1439				
2134-426 O		21 34 38.1 -42 39 43	21 37 47.89 -42 26 11.6	17.9				1.804					2274	2274				
2134-460 V		21 34 47.8 -46 2 40	21 38 2.06 -45 49 8.1	20.23*				1.340	C III 1909 Mg II 2798				2094	2094			0.98 arcmin from 2134-4601 2094	
2134-460 V		21 34 50.9 -46 1 50	21 38 5.12 -45 48 17.9	17.83*				0.528	Mg II 2798 H I 4340				2094	2094				

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
2135-147	PKS	21 35 1.21	21 37 45.24	15.19*	.09	-.84	0.20	*	H I 4340	0.200	055	054	007	775	1077	007,055,056,	
	C PHL 1657	-14 46 27.3	-14 32 55.6						O III 4363			334	080	1171	1394	1485ubv,	
	X OX 158								H I 4861				212	1340	1666	1320rpol,1077,	
	R MSH 21-115								O III 4959				252	1891	2228	1701,2061uv,	
									O III 5007				290		2263	780,799,886,	
													529			1319ir,1028mm,	
													875			1195,1195xvar,	
													920			1028,1202pol,	
													1068			912,1183,	
													1902			1781x,940ext,	
													2073			1526vlbi,324,	
																334,1922,	
																2229sp,077,	
																322fc,1947elp	
																1207,1261,1630	
																1666,1682,1700	
																2145imag/ext;	
																1763em line	
																var;	
																Compact object	
																nearby,1339;	
																0.1,0.27,0.72	
																arcmin from 3	
																anon gals,	
																0.1997,0.2002,	
																0.2008zgals,	
																1650,2118;	
																close compan	
																gal,1682;	
																1902avg ph mag	
2135-465		21 35 6.5	21 38 21.38	18.8					2.214			2274	2274				
	O	-46 32 27	-46 18 54.3														
2135-455		21 35 14.3	21 38 27.71	17.7					0.308			2274	2274				
	O	-45 30 50	-45 17 17.0														
2135-427		21 35 14.3	21 38 24.04	17.2					0.250			2274	2274				
	O	-42 43 49	-42 30 16.1														
2135-463		21 35 19.3	21 38 33.85	18.5					0.505			2274	2274				
	O	-46 20 47	-46 7 13.7														
2135-428		21 35 20.2	21 38 30.12	17.91*		-.78	1.46					1561	1561	1561			
	V	-42 53 30	-42 39 56.8														
2135-145		21 35 27.8	21 38 11.63	19.9			1.90		H I 1216			1439	1439				
	O	-14 32 11	-14 18 38.1						C IV 1549								
2135-440		21 35 41.5	21 38 52.79	18.30*			0.461		Mg II 2798			2094	2094				1.17 arcmin
	V	-44 0 50	-43 47 15.9														from 2135-4401
																	2094
2135-248	PKS	21 35 45.38	21 38 37.16	18.6 *			0.821		Mg II 2798			011	1304	011			761sp,
	R	-24 53 29	-24 39 55.2										500				1526vlbi
2135-440		21 35 47.2	21 38 58.48	19.63*			(0.842)		Mg II 2798			2094	2094				
	V	-44 1 24	-43 47 49.6														
2135-395		21 35 55.9	21 39 1.74	18.6			1.46		C IV 1549			478	478				846rnd
	O	-39 34 57	-39 21 22.4						C III 1909								
2136-430		21 36 30.3	21 39 40.13	18.2			1.343					2274	2274				
	O	-43 1 23	-42 47 46.8														
2136+141	OX 161	21 36 37.44	21 39 1.34	18.5			2.427*		O VI 1034	1.823	165	100		1152	1550	1526vlbi,	
	R PKS	14 10 0.6	14 23 35.9						H I 1216			044		2162	1551	325fc,1201pol,	
									N V 1240			578			2228	750pos	
									Si IV 1397						2263	damped Ly	
									C IV 1549							alpha,z=1.823,	
																1551	
2136-437		21 36 46.5	21 39 57.19	18.2			0.490					2274	2274				
	O	-43 44 38	-43 31 1.1														
2137-445		21 37 51.5	21 41 3.05	18.4			0.632					2274	2274				
	O	-44 35 49	-44 22 9.4														

TABLE 1—Continued

	OTHER NAMES	RA (1950)	RA (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R	
2138-445 O		21 38 18.4 -44 30 14	21 41 29.72 -44 16 33.2	18.5			1.104			2274	2274			
2138-389	B06.02	21 38 40.4 -38 54 2	21 41 44.94 -38 40 20.5	19.2			3.10			2277	2277			
2138-468 O		21 38 41.4 -46 50 32	21 41 55.81 -46 36 50.2	18.5			0.762			2274	2274			
2138-444 O		21 38 48.4 -44 27 8	21 41 59.54 -44 13 26.0	18.9			3.170			2274	2274			
2138-436 V		21 38 54.7 -43 41 32	21 42 4.84 -43 27 49.7	20.69*			2.235			1463	1462	1463		
2139-445 O		21 39 14.7 -44 34 1	21 42 25.89 -44 20 17.9	18.7			3.230			2274	2274			
2139-435 O		21 39 22.3 -43 32 5	21 42 32.14 -43 18 21.6	18.6			2.185+			2274	2274			2274BAL
2139-436 V		21 39 48.7 -43 36 18.6	21 42 58.52 -43 22 34.1	20.80*			1.379	C IV 1549 C III 1909		1463	1462	1463		2274pos
2139-420	B06.03	21 39 49.2 -42 1 34	21 42 57.09 -41 47 49.5	19.3			2.40			2277	2277			
2139-430 O		21 39 54.7 -43 3 11	21 43 3.81 -42 49 26.3	17.5			0.320			2274	2274			
2140-048 C R	PHL 109 PKS	21 40 0.5 -4 51 29	21 42 37.44 -4 37 44.8	18			0.344	Mg II 2798 H I 4861 O III 5007		011	009			1259imag, 1526vlbi
2140-457 O		21 40 10.0 -45 42 29	21 43 22.48 -45 28 43.6	16.7			0.171			2274	2274			
2140-458 O		21 40 16.3 -45 52 37	21 43 28.98 -45 38 51.3	18.3			1.688+			2274	2274			2274BAL?
2140+102 R	MC 2 4C 10.66 OX 167	21 40 28.51 10 17 37	21 42 55.33 10 31 22.0	18.8			1.28	C III 1909 Mg II 2798		568	415		1111	
2141+175 R X	PKS OX 169 MC 3	21 41 13.76 17 30 2.3	21 43 35.56 17 43 49.1	15.5 *	.16	-.75	0.213	Mg II 2798 Ne V 3426 H I 4340 O III 4363 H I 4861 O III 5007 He I 5876 H I 6563		078 165	044 100	528 1657	1111 1170 1171 1340	528ubv,705, 1202pol,1319, 1617,1668, 2021ir,696, 1195xvar, 1214elp, 1223spext,939, 1026,1362ext, 912,1183,1686, 1980x,749pos, 1032,1420, 1922sp,528fc, 1420FeIIem, 1941,2061uv 1763,1834em line var;1194, 1207,1261,1630 1700imag/ext; 0.63 arcmin from anon gal, 0.2106xgal, 1650,2118;
2141+040 X	1E	21 41 36.8 4 0 38.6	21 44 7.87 4 14 26.6	19.2			0.410	Mg II 2798 Ne V 3426 O II 3727 H I 4340 H I 4861 O III 5007		1416	1416 1417			1048,1417x
2141+037 O		21 41 40.5 3 45 7	21 44 11.74 3 58 55.1	20.2			1.8	H I 1216		1439	1439			
2141+040 X		21 41 51.5 4 2 40	21 44 22.55 4 16 28.6	17.1	-.40		0.463			1314	1314			

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC	(1950)		DEC	(2000)								ID	Z	VAR	R	
2142-758 R	PKS	21 42 12.73 -75 50 4	21 47 12.64 -75 36 11.3	17.30	.49	-.54	1.139*	C III 1909 Mg II 2798	0.9596	421 493 1304			493 493 761 807pos,1617ir, 2228 1526vlbi 2263	761sp,1485ubv, 807pos,1617ir, 1526vlbi				
2142-448 O		21 42 16.7 -44 49 32	21 45 27.50 -44 35 41.4	18.2			1.025			2274 2274								
2142-433 O		21 42 42.7 -43 18 56	21 45 51.51 -43 5 4.4	18.5			1.118			2274 2274								
2142-156 O		21 42 46.5 -15 39 32	21 45 30.67 -15 25 40.8	21.2			2.050	C IV 1549 C III 1909		1438 2199								
2142+110 R	MC 2	21 42 52.35 11 1 36.4	21 45 18.78 11 15 27.3	17.6			0.55	Mg II 2798 O II 3727 NeIII 3869 H I 4340 H I 4861 O III 5007		020 044 1888			1111 1201pol, 1888 1111fc					
2142-152 O		21 42 59.8 -15 17 37	21 45 43.70 -15 3 45.3	20.8			1.866	O IV 1402 C IV 1549 C III 1909		1438 2199								
2143+040 O		21 43 10.8 4 3 59	21 45 41.86 4 17 50.8	19.2			2.0	H I 1216		1439 1439								
2143-156 R OX 173 X	PKS	21 43 38.81 -15 39 36.7	21 46 22.92 -15 25 43.4	17.27	.43	-.64	0.701	Mg II 2798		188 024 419 1304 1438			011 1350x,1485ubv, 1526vlbi					
2143-156		21 43 44.4 -15 41 5	21 46 28.52 -15 27 11.5	18.5			2.055	H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 C IV 1549		188 024 1438 419 1438				761,1304sp				
2143-158 O		21 43 59.2 -15 53 28	21 46 43.45 -15 39 33.9	21.2			(2.3)	H I 1216 C IV 1549		1438 1438								
2144-179 R OX 175	PKS	21 44 17.62 -17 54 5.6	21 47 3.26 -17 40 10.7	20			0.684	Mg II 2798 O II 3727 NeIII 3869 NeIII 3968		055 073			128 057fc					
2144-362 R	PKS	21 44 29.9 -36 15 51	21 47 30.62 -36 1 55.2	17.8 *			2.081+	C IV 1549 C III 1909		025 493 1485			493 761,1304sp					
2144+092 R	PKS	21 44 42.47 9 15 51.1	21 47 10.16 9 29 46.5	18.9			1.113	C IV 1549 C III 1909		010 1861 132			1861 2085					
2145-154 O		21 45 6.0 -15 28 43	21 47 49.88 -15 14 46.2	20.8			(2.2)	H I 1216 C IV 1549		1438 1438								
2145+067 R 4C 06.69 X OX 076.1 DA 562	PKS	21 45 36.11 6 43 41.2	21 48 5.49 6 57 38.8	16.27*	.41	-.79	0.999*	C III 1909 C II 2326 Mg II 2798 H I 4861 O III 4959	0.7906	055 324 008 248 789 1873 436 252 816 2075 2251 253 934 2228 290 1229 2263 492 1557 1068 1792			055,1451ubv, 004,705,1202, 2103pol,936, 1119,1336rvar, 799ir,324, 836sp,749pos, 1005x, 1526vlbi, 111fc,1789mm, 2061uv 1902avg ph mag 5.9arcsec from anon gal,0.790 xgal,2118,2262 faint gals near,2118					
2146-339 A09.40		21 46 26.7 -33 55 21	21 49 24.86 -33 41 20.6	18.7			2.5			2277 2277								

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
2146-133	PKS R	OX 178 MSH 21-119	21 46 46.37 -13 18 26.7	21 49 28.68 -13 4 25.9	19.5					1.80 *	H I 1216 C IV 1549 He II 1640 C III 1909	1.785	079	002 073		128 002 1818 073 1891 2228 2263	057fc	
2147-372	A09.70		21 47 14.5 -37 15 28	21 50 15.71 -37 1 25.7	18.3					2.7			2277	2277				
2148-337	A09.22		21 48 25.9 -33 47 12	21 51 23.61 -33 33 6.9	18.2					2.13			2277	2277				
2148-362	A09.02		21 48 41.5 -36 16 22	21 51 41.48 -36 2 16.3	18.3					2.29			2277	2277				
2149-307	PKS R		21 49 0.60 -30 42 0.0	21 51 55.53 -30 27 53.6	18.4					2.345	H I 1216 N V 1240 Si IV 1397 C IV 1549		384	1004 1304		384	1004fc, 761sp, 1526vlbi, 1810pos	
2149+069	OX 081 R	PKS	21 49 2.06 6 55 21	21 51 31.42 7 9 26.8	18					1.364	C IV 1549 C III 1909		132	009		010	010, 213fc, 1526vlbi	
2149+212	4C 21.59 R	DA 565 PKS	21 49 26.11 21 16 6.9	21 51 45.90 21 30 13.4	19					1.538*	Si IV 1397 C IV 1549 He II 1640 C III 1909 Mg II 2798	1.0073 0.9114	033	032 2049 2281		128 2049 462 2263 774 800 1818 1891	831sp, 1320rp1	
2150-194	O		21 50 32.3 -19 27 49	21 53 18.52 -19 13 39.3	17.5					0.137			2274	2274				
2150-195	MD5:1 O		21 50 33.04 -19 32 51.1	21 53 19.32 -19 18 41.4	19.0					2.32	H I 1216 C IV 1549		1948	1948			1948phot mag	
2150-178	MD5:2 O		21 50 37.62 -17 53 52.1	21 53 22.76 -17 39 42.2	19.3					2.07	H I 1216		1948	1948			1948phot mag	
2150-197	MD5:3 O		21 50 39.18 -19 43 11.2	21 53 25.57 -19 29 1.2	18.5					2.00	H I 1216 C IV 1549		1948	1948			1948phot mag	
2150-197	MD5:4 O		21 50 49.95 -19 47 27.4	21 53 36.37 -19 33 17.0	19.0					2.58	H I 1216 O IV 1402		1948	1948			1948phot mag	
2150+053	4C 05.81 R	PKS	21 50 54.12 5 22 8.5	21 53 24.51 5 36 18.6	17.77					1.980*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909	1.9899 1.8829	124	436 2049 2281		789 2049 1818 2263 1891	1818pos, 2266imag	
2150-218	MD5:5 O		21 50 56.13 -21 53 31.6	21 53 44.02 -21 39 20.9	19.2					2.15	H I 1216 He II 1640		1948	1948			1948phot mag	
2151-193	MD5:6 O		21 51 36.20 -19 22 51.2	21 54 22.27 -19 8 39.0	19.05					0.40			477 1948	477			z in 1948 differs (2.23)	
2151-185	MD5:7 O		21 51 39.38 -18 33 6.6	21 54 24.88 -18 18 54.3	19.3					2.09	H I 1216 C IV 1549		1948	1948			1948phot mag	
2151-170	MD5:8 O		21 51 46.02 -17 4 2.0	21 54 30.51 -16 49 49.5	18.7					2.41	H I 1216 C IV 1549		1948	1948			1948phot mag	
2152-218	MD5:9 O		21 52 2.38 -21 49 58.6	21 54 50.12 -21 35 45.4	19.5					1.97	H I 1216 C IV 1549		1948	1948			1948phot mag	
2152+172	UT R		21 52 18.0 17 13 35	21 54 40.84 17 27 48.2	18					1.02	C III 1909 Mg II 2798		1437	1437				
2152-197	O		21 52 20.7 -19 42 40	21 55 6.93 -19 28 26.1	19.95					2.24			477	477				
2152-190	MD5:10 O		21 52 28.64 -19 2 8.4	21 55 14.40 -18 47 54.2	19.1					2.80	H I 1216 O IV 1402		1948	1948			1948phot mag	
2152-196	MD5:11 O		21 52 35.65 -19 36 51.9	21 55 21.79 -19 22 37.5	18.8					1.33	C IV 1549		1948	1948			1948phot mag	

TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
											Z	VAR	R	ABS	
2152-211	MD5:12	21 52 37.63	21 55 24.82	18.9			1.46	C IV 1549		477 1948					
O		-21 7 26.8	-20 53 12.3					C III 1909		1948					
2152-177		21 52 56.8	21 55 41.67	18.5			0.26			477 477					pos & B(J)mag, 2274
O		-17 46 51.9	-17 32 36.7												
2153-208	MD5:13	21 53 3.41	21 55 50.38	19.2			1.59	C IV 1549		1948 1948					1948phot mag
O		-20 52 30.1	-20 38 14.6					C III 1909							
2153-209	MD5:14	21 53 6.61	21 55 53.62	18.15			1.843	Si IV 1397		467 467					761sp,477fc
O		-20 56 0.7	-20 41 45.1					O IV 1402		1948 477					3.60 arcmin
								C IV 1549		1304					from 215303.41
								C III 1909		1400					-205230.1,1948
										1948					
2153-217	MD5:15	21 53 10.73	21 55 58.27	18.9			2.43	LYB 1026		477 477					pos & B(J)mag, 2274
O		-21 42 21.2	-21 28 5.4					H I 1216		1948 1948					
								Si IV 1397							
								C IV 1549							
2153-190	MD5:16	21 53 19.67	21 56 5.36	19.3			2.23	H I 1216		1948 1948					1948phot mag
O		-19 2 43.1	-18 48 27.0					C IV 1549							
2153-174		21 53 26.8	21 56 11.45	20			2.30			477 477					
O		-17 29 54.9	-17 15 38.6												
2153-215	MD5:17	21 53 27.78	21 56 15.17	19.0			2.28	H I 1216		1948 1948					1948phot mag
O		-21 32 1.0	-21 17 44.5					C IV 1549							
2153-174	MD5:18	21 53 32.18	21 56 16.76	19.3			2.08	H I 1216		1948 1948					1948phot mag
O		-17 24 9.3	-17 9 52.7					He II 1640							
2153-193		21 53 41.9	21 56 27.74	19.75			0.54			477 477					
O		-19 18 14.1	-19 3 57.1												
2153-200	MD5:19	21 53 42.61	21 56 28.98	19.2			2.27	H I 1216		1948 1948					1948phot mag
O		-20 5 10.3	-19 50 53.3					C IV 1549							
2153-204	PKS	21 53 47.1	21 56 33.71	17.01	.14	-.90	1.31	C IV 1549		051 051			023	051	954sp,477fc, 1485ubv
R		-20 26 49.0	-20 12 31.8					C III 1909		477			1527		
								Mg II 2798					1976		
2154-204		21 54 0	21 56 46.56				1.882			1400					
O		-20 24 0	-20 9 42.3												
2154-212		21 54 5.9	21 56 53.06	19.45			(0.55)			477 477					
O		-21 17 43	-21 3 25.1												
2154-180	MD5:20	21 54 7.91	21 56 52.84	18.7			2.98	H I 1216		1948 1948					1948phot mag
O		-18 0 27.3	-17 46 9.4												
2154-194		21 54 11.0	21 56 56.89	20			(0.42)			477 477					
O		-19 26 31.5	-19 12 13.5												
2154-184	PKS	21 54 12.11	21 56 57.34	19.80			0.668	Ne V 3345		1016 1997					1997Bmag
R		-18 28 4.8	-18 13 46.7					Ne V 3426							
								O II 3727							
								Ne III 3869							
								O III 4363							
								H I 4861							
								O III 4959							
								O III 5007							
2154-199	MD5:21	21 54 13.17	21 56 59.40	19.5			2.54	H I 1216		1948 1948					1948phot mag
O		-19 56 52.5	-19 42 34.4					O IV 1402							
2154-200	MD5:22	21 54 19.66	21 57 5.98	18.3			2.014	C IV 1549		467 467					477fc
O		-20 5 30.8	-19 51 12.4					C III 1909		1948 477					
										2210 1400					
										1948					
										2210					
2154-183	MD5:23	21 54 25.43	21 57 10.59	18.7			2.07	H I 1216		1948 1948					1948phot mag
O		-18 22 58.9	-18 8 40.3					C IV 1549							
2154-186	MD5:24	21 54 35.62	21 57 20.92	19.2			2.32	H I 1216		1948 1948					1948phot mag
O		-18 37 27.2	-18 23 8.2					C IV 1549							



TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
2154-205 O	MD5:25	21 54 37.16 -20 31 13.6	21 57 23.74 -20 16 54.5	18.8					1.95	H I 1216		1948 1948				1948phot mag
2154-191 O		21 54 38.0 -19 8 44	21 57 23.65 -18 54 24.9	17.90					1.631	N V 1240 C IV 1549 C III 1909		477 1400				
2154-210 O		21 54 38.1 -21 5 26	21 57 25.07 -20 51 6.9	17.6					0.570			2274 2274				
2154-197 O		21 54 40.5 -19 42 2	21 57 26.52 -19 27 42.8	18.5					0.154			2274 2274				
2154-325 R	PKS	21 54 42.08 -32 33 43.4	21 57 37.71 -32 19 24.0	18.62	-.35	-1.10			1.812	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		025 1251		384		1485subv
2154-183 R	PKS	21 54 43.93 -18 21 21.8	21 57 29.04 -18 7 2.5	20.60					1.423	C III 1909 Mg II 2798		477 1997				1997Bmag
2154-180 O	MD5:26	21 54 44.49 -18 1 41.4	21 57 29.38 -17 47 22.1	19.1					2.18	H I 1216 C IV 1549		1948 1948				1948phot mag
2154+100 R	MC 2	21 54 44.6 10 0 5.1	21 57 12.24 10 14 23.9	17.7					0.761	C III 1909 Mg II 2798		020 019		1111 1888		
2154-205 R	PKS	21 54 49.29 -20 32 6.7	21 57 35.86 -20 17 47.2	18.4					2.000*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640	1.914	1251		477 1251 2228 2263		
2154-188 O		21 54 52.1 -18 49 17	21 57 37.51 -18 34 57.4	16.6					0.139			2274 2274				
2154-345	A09.44	21 54 56.5 -34 35 12	21 57 53.83 -34 20 52.0	17.2					1.88			2277 2277				
2154-210 O		21 54 57.3 -21 5 4.1	21 57 44.24 -20 50 44.3	19.5					0.41			477 477 2210 2210				
2154-170 O		21 54 59.7 -17 5 40.2	21 57 43.96 -16 51 20.4	19.55					0.36			477 477				
2155-152 R	OX 192 PKS	21 55 23.1 -15 15 21	21 58 6.14 -15 1 0.3	17.5 *					0.672+	Mg II 2798 O II 3727 H I 3889 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		713 1861 970 1984 2054 1145		837 1984 1200 1557 1861 1961		781ir, 1526vlbi,1200, 1626,2103pol, 458sp,936rvar, 1789nm,025fc, 2112x
2155-216 O	MD5:27	21 55 38.44 -21 39 35.1	21 58 25.70 -21 25 13.7	18.7					2.10	H I 1216 C IV 1549		1948 1948				1948phot mag
2155-174 O	MD5:28	21 55 40.0 -17 28 58.8	21 58 24.46 -17 14 37.5	18.85					2.005			477 1400 1948 477 1948				
2155-302 O		21 55 40.4 -30 14 27	21 58 33.99 -30 0 5.4	18.9					2.20	H I 1216 C IV 1549		1439 1439				
2155+034 O		21 55 51.2 3 29 33	21 58 22.83 3 43 54.4	19.0					1.9	H I 1216		1439 1439				
2155-174 O	MD5:29	21 55 54.72 -17 26 5.6	21 58 39.13 -17 11 43.7	18.7					2.22	H I 1216 C IV 1549		1948 1948				1948phot mag

TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
2155-304 BL Lac X R	PKS H	21 55 58.23 -30 27 53.4	21 58 51.95 -30 13 31.2	13.58*	.35	-.73	*					0.1	668 706	696 1902 2209	1200 1367 1481	1460 2263		699,1626,1988, 2062pol,891, 1348,1905uv, 1050,1958ubv, 1267,1343, 1633,1703xvar, 668,696,1088, 1198,1306, 1542,1936, 2107,2112x, 781,886,1012, 1141ir,1046, 1050,1199, 1812sp,1164, 1982mf,1004fc, 1526vlbi,1588, 1817uvvar, 2226imag, 1898pos 0.117zgal,1199 Xray absorp at 600eV,1460; IRAS source, 1806; 1902avg Bmag	
2156-211 O		21 56 2.1 -21 11 25.4	21 58 49.00 -20 57 3.2	20				(0.45)					477	477					
2156-183 O		21 56 4.7 -18 19 14	21 58 49.68 -18 4 51.7	18.4				0.360					2274	2274					
2156-348	A09.51	21 56 6.4 -34 52 16	21 59 3.78 -34 37 53.4	19.2				2.21					2277	2277					
2156-196 C	QSM7:28	21 56 12.4 -19 41 53	21 58 58.28 -19 27 30.4	20.38				-.16	0.832	Mg II 2798			2058	2058				2058Bmag, 2058ubv	
2156-191 O		21 56 12.8 -19 6 11.5	21 58 58.28 -18 51 48.9	19.9				1.631		N V 1240 C IV 1549 C III 1909			477	1400					
2156-194 C	QSM7:46	21 56 15.8 -19 29 36	21 59 1.54 -19 15 13.3	20.56				-.34	0.725	Mg II 2798			2058	2058				2058Bmag, 2058ubv	
2156-191 O		21 56 25.8 -19 10 35.7	21 59 11.31 -18 56 12.6	19.55				(2.39)					477	477					
2156+297 R	4C 29.64 VR29.21.03 B2 CTD 133 DW OX 294	21 56 27.71 29 44 47.0	21 58 41.97 29 59 9.4	17.5 *				1.759		H I 1216 N V 1240 C IV 1549 He II 1640 O III 1663 C III 1909			033	032 2049 2281	1201 462 774 1818 1891	128	1201pol,831sp, 139fc,1513elp, 2049noabs		
2156-194 C	QSM7:42	21 56 29.4 -19 28 22	21 59 15.10 -19 13 58.8	19.76				-.80	1.671	C IV 1549 C III 1909			2058	2058				2058Bmag, 2058ubv	
2156-186 C	QSM8:35	21 56 32.6 -18 39 48	21 59 17.76 -18 25 24.7	19.89				-.55	1.500	C IV 1549 C III 1909			2058	2058				2058Bmag, 2058ubv	
2156-215 O	MD5:30	21 56 44.06 -21 34 53.0	21 59 31.16 -21 20 29.2	19.3				2.96		H I 1216			1948	1948				1948phot mag	
2156-193 C	QSM7:61	21 56 46.8 -19 19 26	21 59 32.38 -19 5 2.1	20.69				-.11	1.959				2058	2058				2058Bmag, 2058ubv	
2156-210 O	MD5:31	21 56 47.15 -21 4 47.9	21 59 33.91 -20 50 24.0	19.3				2.90		H I 1216			1948	1948				1948phot mag	
2156-204 O	MD5:32	21 56 48.87 -20 26 23.7	21 59 35.19 -20 11 59.8	18.5				1.89		H I 1216 C IV 1549			477 1948	1948				1630imag	
2156-208 O		21 56 55.3 -20 48 59.5	21 59 41.86 -20 34 35.3	19.55				(0.21)					477	477					
2156-359 A09.60		21 56 56.2 -35 57 10	21 59 54.39 -35 42 45.5	17.0				1.8					2277	2277					

TABLE 1—Continued

		OTHER	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION	Z(ABS)	REFERENCES				NOTES	
		NAMES	DEC (1950)		DEC (2000)						LINES		ID	Z	VAR	R	ABS	
2156-176	MD5:33		21 56 56.81	21 59 41.26	19.3					1.82	H I 1216 C IV 1549 He II 1640		477 1948 1948					
2156-194	MD5:34		21 56 59.63	21 59 45.26	19.2					1.88	H I 1216		1948 1948					1948phot mag
2156-172	MD5:35		21 56 59.88	21 59 44.11	18.9					2.58	H I 1216		1948 1948					1948phot mag
2157-187	QSM8:28		21 57 1.7	21 59 46.89	19.78			-.83	1.424		C IV 1549 C III 1909		477 2058 2058					
2157-194	QSM7:63		21 57 4.1	21 59 49.72	19.93			-.55	1.368				2058 2058					2058Bmag, 2058ubv
2157-302			21 57 5.9	21 59 59.28	18.4					1.9	H I 1216		1439 1439					
2157-192	QSM8:58		21 57 6.6	21 59 52.08	19.67			-.73	1.896		C IV 1549		2058 2058					2058Bmag, 2058ubv
2157-198	QSM7:13		21 57 8.6	21 59 54.49	18.81			-.52	1.884				2058 2058					2058Bmag, 2058ubv
2157-185	QSM8:26		21 57 14.4	21 59 59.46	18.89			-.31	0.849		Mg II 2798		2058 2058					2058Bmag, 2058ubv
2157-196	QSM7:33		21 57 16.6	22 0 2.37	18.86			-.61	1.206		C III 1909		2058 2058					2058Bmag, 2058ubv
2157-213			21 57 18.4	22 0 5.32	19.77					1.93			477 477					
2157-200	PKS R MD5:36		21 57 21.85 -20 0 14.0	22 0 7.83 -19 45 48.8	18.5 *					1.198	C III 1909 Mg II 2798		026 418 1948 477 1400 1948	477 477 1527				477fc
2157-175	MD5:37		21 57 27.63	22 0 11.99	19.3					2.85	H I 1216		1948 1948					1948phot mag
2157-189	QSM8:17		21 57 31.6	22 0 16.86	19.81			-.30	1.440		C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
2157-133	NGC 7171 C BSO 1 R		21 57 34.61	22 0 16.34	17.6					0.71	C III 1909 MgVII 2513 Mg II 2798 H I 4340 O III 5007		206 206		1162		1.27 arcmin from IC 1417, 13.17 arcmin from IC 7171, 2118	
2157-207	MD5:38		21 57 37.60	22 0 24.06	19.4					1.91	H I 1216		1948 1948					1948phot mag
2157-352	A09.09		21 57 38.8	22 0 36.27	17.2					2.70			2277 2277					
2157-180			21 57 45.2	22 0 29.89	18.6					0.38			477 477					
2157-178			21 57 45.7	22 0 30.26	18.4					0.140			2274 2274					
2157-195	QSM7:04		21 57 46.5	22 0 32.16	20.22			-.52	1.142		C III 1909		2058 2058					2058Bmag, 2058ubv
2158-214			21 58 8.2	22 0 55.09	18.15					2.079+	H I 1216 N V 1240 Si II 1263 O I 1304 Si IV 1397 O IV 1402 C IV 1549 C III 1909		467 467 477			467	761,1304, 1400sp,477fc	
2158-189	QSM8:02		21 58 14.2	22 0 59.39	17.6			-.25	0.693		Mg II 2798		1400 1400 2058 2058					

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2158-179 O	MD5:39	21 58 20.71 -17 54 31.2	22 1 5.23 -17 40 3.9	18.9					2.266	H I 1216 C IV 1549		477 1400 1948 477 1948					
2158-186 C	QSM8:23	21 58 24.2 -18 41 33	22 1 9.23 -18 27 5.6	19.68				-0.34	0.920	Mg II 2798		2058 2058					2058Bmag, 2058ubv
2158-327	A09.31	21 58 26.0 -32 46 11	22 1 21.21 -32 31 43.3	18.1					2.13			2277 2277					
2158-190 C	QSM8:10	21 58 29.9 -19 3 1	22 1 15.15 -18 48 33.4	20.09				-1.14	1.240	C III 1909		2058 2058					2058Bmag, 2058ubv
2158-211 O	MD5:40	21 58 31.32 -21 10 39.9	22 1 17.97 -20 56 12.2	19.0					1.95	H I 1216 C IV 1549		1948 1948					1948phot mag
2158-203 O		21 58 35.1 -20 20 57.5	22 1 21.20 -20 6 29.7	19.4					(2.27)			477 477					
2158-195 C	QSM7:07	21 58 35.9 -19 31 3	22 1 21.45 -19 16 35.1	20.02				-0.37	1.670	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
2158-194 C	QSM7:02	21 58 39.7 -19 28 39	22 1 25.22 -19 14 11.0	19.42				-0.21	0.234			2058 2058					2058Bmag, 2058ubv, 2058neml
2158-169 O		21 58 48.5 -16 57 40.5	22 1 32.38 -16 43 12.2	19.45					(2.30)			477 477					
2158+101 R	MC 2 4C 10.67	21 58 48.94 10 9 19.5	22 1 16.67 10 23 47.4	17.7					1.729	H I 1216 C IV 1549 He II 1640 O III 1663 C III 1909 Mg II 2798		020 019 436 2049 2281			789 1395 1818 1891 1976		1818pos, 2049noabs
2158-169 O		21 58 50 -16 57 28	22 1 33.88 -16 42 59.7	18.4					0.475			477 477 2210 2210 2274					
2158-339	A09.14	21 58 55.1 -33 59 5	22 1 51.24 -33 44 36.2	18.0					2.21			2277 2277					
2159-191 C	QSM4:18	21 59 5.7 -19 6 20	22 1 50.93 -18 51 51.1	18.37				-0.41	0.364	Mg II 2798		2058 2058 LBQS					2058Bmag, 2058ubv
2159-163 O	MD5:41	21 59 9.99 -16 19 34.8	22 1 53.44 -16 5 5.8	18.6					1.75	C III 1909		1948 1948					1948phot mag
2159-196 C	QSM5:09	21 59 11.6 -19 39 7	22 1 57.18 -19 24 37.8	19.83				-0.13	0.807	Mg II 2798		2058 2058					2058Bmag, 2058ubv
2159-186 C	QSM4:31	21 59 14.7 -18 41 47	22 1 59.66 -18 27 17.7	20.71				-0.30	0.437			2058 2058					2058Bmag, 2058ubv, 2058neml
2159-332	A09.24	21 59 19.6 -33 17 50	22 2 15.09 -33 3 20.3	17.0					1.51			2277 2277					
2159-186 O	MD5:42	21 59 20.3 -18 38 13.3	22 2 5.21 -18 23 43.8	19.4					2.33	LYB 1026 H I 1216 C IV 1549		477 1948 1948					z in 477 differs (1.65)
2159-195 C	QSM5:01	21 59 20.6 -19 32 30	22 2 6.10 -19 18 0.5	20.37				-0.70	1.412	C III 1909		2058 2058					2058Bmag, 2058ubv
2159-194 O	QSM5:27	21 59 23.9 -19 26 17	22 2 9.32 -19 11 47.4	18.18				-0.52	1.173	C III 1909 Mg II 2798		467 167 2058 477 1400 2058 2210					761,1304sp, 477fc,1203ubv
2159-195 C	QSM5:02	21 59 24.1 -19 32 48	22 2 9.59 -19 18 18.4	20.71				-0.55	2.024	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
2159-181 O	MD5:43	21 59 24.91 -18 10 29.9	22 2 9.52 -17 56 0.3	19.3					2.65	H I 1216 O IV 1402		1948 1948					1948phot mag

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2159-188 C	QSM4:28	21 59 26.3 -18 49 42	22 2 11.33 -18 35 12.3	19.57		-0.45	1.578	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
2159-195 C	QSM5:45	21 59 30.7 -19 31 46	22 2 16.17 -19 17 16.2	19.06		-0.68	0.728	Mg II 2798		2058 2058					2058Bmag, 2058ubv
2159-188 C	QSM4:20	21 59 40.8 -18 50 10	22 2 25.81 -18 35 39.8	19.75		-0.52	1.155	C III 1909		2058 2058					2058Bmag, 2058ubv
2159-187 C	QSM4:35	21 59 40.8 -18 46 19	22 2 25.77 -18 31 48.8	19.86		-0.66	0.815	Mg II 2798		2058 2058					2058Bmag, 2058ubv
2159-192 C	QSM5:42	21 59 44.7 -19 16 22	22 2 29.99 -19 1 51.7	18.83		-0.32	1.045	C III 1909		2058 2058					2058Bmag, 2058ubv
2159-364	A09.65	21 59 44.8 -36 24 42	22 2 42.89 -36 10 11.4	18.0			2.01			2277 2277					
2159-194 C	QSM5:43	21 59 47.4 -19 27 15	22 2 32.80 -19 12 44.6	20.74		-0.45	0.812	Mg II 2798		2058 2058					2058Bmag, 2058ubv
2159-209 O		21 59 48.7 -20 58 55	22 2 35.10 -20 44 24.5	18.4			2.120+			2274 2274					
2159-191 C	QSM4:10	21 59 49.5 -19 10 27	22 2 34.72 -18 55 56.5	20.62		-0.13	1.493	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
2159-175 R	PKS	21 59 50.2 -17 30 58.8	22 2 34.35 -17 16 28.3	19.0			2.43			1016 1016			1016 2162		
2159-172 O		21 59 58 -17 12 9	22 2 41.94 -16 57 38.2	19.3			(0.31)			477 477					
2159-190 C	QSM4:05	21 59 59.4 -19 3 24	22 2 44.53 -18 48 53.1	20.75		-0.68	1.622	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
2200-196 C	QSM5:15	22 0 4.2 -19 38 12	22 2 49.69 -19 23 40.9	20.54		-0.55	1.903	C IV 1549		2058 2058					2058Bmag, 2058ubv
2200-196 C	QSM5:31	22 0 6.2 -19 41 11	22 2 51.72 -19 26 39.9	20.66		-0.71	2.042	C IV 1549		2058 2058					2058Bmag, 2058ubv
2200-238 R	PKS	22 0 7.75 -23 49 42.1	22 2 56.03 -23 35 10.8	18.5			2.118	H I 1216 N V 1240 Si II 1263 O I 1304 C II 1335 C IV 1549 He II 1640 C III 1909		011 493			1518		761,1304sp, 1305ir, 1526vlbi
2200-185 C	QSM4:54	22 0 13.8 -18 34 44	22 2 58.60 -18 20 12.6	20.48		-1.28	1.713	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
2200-182 O		22 0 14.8 -18 14 33.0	22 2 59.38 -18 0 1.6	19.55			1.59			477 477					
2200-217 O		22 0 19.3 -21 46 6.8	22 3 6.17 -21 31 35.2	20			0.28			477 477					
2200-182 O	MD5:44	22 0 27.00 -18 16 14.3	22 3 11.58 -18 1 42.4	15.3			1.16	C IV 1549		1948 1948					1948phot mag
2200-198 C	QSM5:30	22 0 28.8 -19 52 24	22 3 14.41 -19 37 52.1	20.43		-0.85	1.277	C III 1909		2058 2058					2058Bmag, 2058ubv
2200-203 O		22 0 32.1 -20 19 52	22 3 18.00 -20 5 19.9	18.4			0.671			2274 2274					
2200-194 C	QSM5:36	22 0 35.6 -19 29 37	22 3 20.95 -19 15 4.8	20.74		-0.50	1.165	C III 1909		2058 2058					2058Bmag, 2058ubv
2200-179 O		22 0 39 -17 59 13	22 3 23.39 -17 44 40.7	18.55			(0.34)			477 477					

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	ABS	
2200+420	BL LAC	22 0 39.37	22 2 43.30	15.14*	.97	-.10						714	553	754	837	636	323,642,703,
BL Lac R	VR42.22.01	42 2 8.5	42 16 39.8										636	755	898		856,877,1038,
X	OY 401													970	907		1087,1098,
														1068	934		1163,1541,
														1142	967		1626,1694,
														1383	988		1730,1988,
														1657	1017		2046,2062,
														1791	1074		2103pol,801,
														1802	1084		879,887,936,
														1932	1127		973,1336,1378,
														1933	1128		1721rvar,
														1946	1152		1348uv,1280,
														2054	1160		1466,1526,
														2073	1212		1862,2096vlbi,
														2271	1229		781,1141,1144,
															1367		1256,1580,
															1535		1782ir,1164,
															1543		1357,1971,
															1544		2098mf,1027,
															1557		1028,1789mm,
															1587		1045,1536ext,
															1771		856,1013,1056,
															1792		1643,1939phot,
															1807		899,1388,
															1930		2041rpol,668,
															2070		829,1088,2107,
																	2112x,749pos,
																	553,662,720sp,
																	323,662,
																	665ubv,
																	1805mmvar
																	0.0688zgal,553
																	IRAS source,
																	1806;super-
																	luminous source
																	2096 1827,448,
																	1845;
2200-188	QSM4:57	22 0 44.5	22 3 29.41	19.86			-.50	1.288	C III 1909			2058	2058				2058Bmag,
C		-18 49 31	-18 34 58.5														2058ubv
2200-187	QSM4:59	22 0 48.2	22 3 33.03	20.75			-.30	0.210				2058	2058				2058Bmag,
C		-18 42 14	-18 27 41.4														2058ubv,
																	2058neml
2200-198	QSM5:25	22 0 50.5	22 3 36.05	19.64			-.49	1.168	C III 1909			2058	2058				2058Bmag,
C		-19 49 40	-19 35 7.3														2058ubv
2200-164	MD5:45	22 0 50.67	22 3 34.10	18.9				2.07	H I 1216			1948	1948				1948phot mag
O		-16 29 27.3	-16 14 54.6														
2200-205		22 0 51.5	22 3 37.49	19.8				(0.81)				477	477				4.25 arcmin
O		-20 30 30.7	-20 15 57.9														from NGC 7188,
																	2118
2200-199	MD5:46	22 0 54.49	22 3 40.12	18.0				1.260	C IV 1549			1948	1948				1948phot mag
O		-19 58 17.5	-19 43 44.6						C III 1909								LBQS
2200-197	QSM5:23	22 0 57.1	22 3 42.59	19.66			-.47	1.982	C IV 1549			2058	2058				2058Bmag,
C		-19 45 12	-19 30 39.0														2058ubv
2200-195	QSM5:19	22 0 58.0	22 3 43.33	19.43			-.10	2.028	C IV 1549			2058	2058				2058Bmag,
C		-19 30 36	-19 16 3.0														2058ubv

TABLE 1—Continued

		OTHER	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION	Z(ABS)	ID	REFERENCES				NOTES
		NAMES	DEC (1950)		DEC (2000)						LINES			Z	VAR	R	ABS	
2201+315	4C 31.63		22 1 1.46	22 3 15.00	15.79*	.09	-.76	0.297	Mg II 2798	0.282	033	044 2054	128 285	705,1055,1202,				
R	GC		31 31 6.0	31 45 38.3					O II 3727			009	462 2228	2103pol,1194,				
X	B2								NeIII 3869			032	774	1223,1362ext,				
									H I 4102			285	837	1320rpol,1119,				
									H I 4340				1152	1336rvar,799,				
									H I 4861				1161	1319,1617,				
									O III 5007				1171	2021lr,1355,				
									H I 6563				1557	1628,1693,				
													1807	1941,2061uv,				
														1194,1207,				
														1261,1700imag,				
														285,1337,				
														1451ubv,1183,				
														1241x,776,831,				
														958,1032,				
														1922sp,1028mm,				
														749pos,				
														1526vlbi				
														958,1319strong				
														FeIIem;				
														1902avg Bmag;				
														faint gals				
														near,2118				
2201+171	MC 3		22 1 2.9	22 3 26.45	18.8 *			1.075	C III 1909		634	019	634 1086	900,1201pol,				
R	PKS		17 11 19	17 25 51.6					Mg II 2798				1367	1088x,781lr,				
X	GC													1526vlbi,				
														1852phot				
2201-189	QSM4:44		22 1 9.1	22 3 54.06	19.90		-.22	0.615	Mg II 2798		2058	2058		2058Bmag,				
C			-18 57 8	-18 42 34.6										2058ubv				
2201-335	A09.15		22 1 10.6	22 4 6.00	18.2			1.98			2277	2277						
			-33 33 20	-33 18 46.3														
2201-191	QSM4:48		22 1 15.0	22 4 0.05	20.69		-.14	1.654	C IV 1549		2058	2058		2058Bmag,				
C			-19 6 20	-18 51 46.4					C III 1909					2058ubv				
2201-185			22 1 16.8	22 4 1.50	18.38		-.75	1.829+	Si IV 1397		1203	1203		1203BAL				
O			-18 34 15	-18 19 41.4					C IV 1549			1400						
									N III 1750									
									C III 1909									
2201-171			22 1 22.0	22 4 5.78	19.7			(2.43)			477	477						
O			-17 7 1.6	-16 52 27.8														
2201-189	QSM4:46		22 1 24.2	22 4 9.15	20.74		-1.09	1.921	C IV 1549		2058	2058		2058Bmag,				
C			-18 58 4	-18 43 30.1										2058ubv				
2201-165	MD5:47		22 1 30.61	22 4 14.00	19.1			2.86	H I 1216		1948	1948		1948phot mag				
O			-16 30 26.3	-16 15 52.2														
2201-202	MD5:48		22 1 33.34	22 4 19.08	18.25			2.174	H I 1216		477	1400						
O			-20 13 52.4	-19 59 18.1					C IV 1549		1948	477						
												1948						
2201-211			22 1 33.5	22 4 19.87	19.8			(0.23)			477	477		1207,1261imag				
O			-21 11 42.0	-20 57 7.7														
2201-176			22 1 35.5	22 4 19.57	19.3			2.27			477	477						
O			-17 36 9.8	-17 21 35.5														
2201-361	A09.62		22 1 39.0	22 4 36.48	18.4			1.54			2277	2277						
			-36 7 30	-35 52 55.3														
2201-194	QSM6:01		22 1 51.3	22 4 36.51	20.24		-.80	2.086	H I 1216		2058	2058		2058Bmag,				
C			-19 26 50	-19 12 15.1					C IV 1549					2058ubv				
2201-188	QSM3:43		22 1 59.4	22 4 44.19	20.14		-.58	0.969	C III 1909		2058	2058		2058Bmag,				
C			-18 48 26	-18 33 50.8					Mg II 2798					2058ubv				
2201-190	QSM3:41		22 1 59.6	22 4 44.57	20.60		-.57	1.123	C III 1909		2058	2058		2058Bmag,				
C			-19 5 29	-18 50 53.8										2058ubv				
2202-190	QSM3:36		22 2 1.5	22 4 46.43	20.60		-.57	0.873	Mg II 2798		2058	2058		2058Bmag,				
C			-19 1 46	-18 47 10.8										2058ubv				
2202-196	QSM6:07		22 2 3.5	22 4 48.82	19.29		-.42	0.842	Mg II 2798		2058	2058		2058Bmag,				
C			-19 39 9	-19 24 33.7										2058ubv				

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES		Z(ABS)	ID	REFERENCES Z VAR R ABS			NOTES
2202-189	QSM3:06	22 2 9.3	22 4 54.16	19.63													
	C	-18 56 32	-18 41 56.5							H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
2202-202		22 2 9.7	22 4 55.41	19.8					(0.41)				477	477			
	O	-20 16 37.3	-20 2 1.7														
2202-193	QSM6:18	22 2 13.0	22 4 58.11	19.53													
	C	-19 19 55	-19 5 19.3										2058	2058			2058Bmag, 2058ubv, 2058neml
2202-187	QSM3:11	22 2 17.1	22 5 1.84	20.71													
	C	-18 46 2	-18 31 26.2							C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
2202-186	MD5:49	22 2 20.81	22 5 5.45	19.5													
	O	-18 36 35.7	-18 21 59.8						1.77	H I 1216 C IV 1549		1948	1948				1948phot mag
2202-201		22 2 29.1	22 5 14.69	19.5													
	O	-20 7 43.8	-19 53 7.6						2.180+	N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		477	1400 477				1400BAL
2202-207	MD5:50	22 2 30.44	22 5 16.43	19.1													
	O	-20 45 24.1	-20 30 47.8						1.59	C IV 1549 C III 1909		1948	1948				1948phot mag
2202-197	QSM6:38	22 2 34.1	22 5 19.44	20.58													
	C	-19 45 6	-19 30 29.6						-.81	0.976 C III 1909		2058	2058				2058Bmag, 2058ubv
2202-185	MD5:51	22 2 35.67	22 5 20.24	18.81													
	O	-18 32 0.8	-18 17 24.4						-.71	1.812 C IV 1549 C III 1909		467 1400 1203 467 1948 477 1948					761,1304sp, 477fc,1203ubv
2202-346	A09.23	22 2 40.2	22 5 36.27	18.7													
		-34 40 41	-34 26 4.1						2.87			2277	2277				
2202-174		22 2 44.2	22 5 28.06	17.9													
	O	-17 24 34	-17 9 57.3						0.141			2274	2274				
2202-177	MD5:53	22 2 48.90	22 5 32.96	19.05													
	O	-17 45 22.2	-17 30 45.3						2.194	H I 1216 C IV 1549		477 1400 1948 477 1948					
2202-189	F9.22	22 2 54.1	22 5 38.93	18.82	.29												
	O	-18 59 36.3	-18 44 59.2						0.850	C III 1909 Mg II 2798		978 978 2058 2058					978ubv
2202-175	MD5:54	22 2 57.60	22 5 41.55	18.3													
	O	-17 35 17.0	-17 20 39.8						2.21	H I 1216 C IV 1549		1948	1948				1948phot mag
2203-187	F13.18	22 3 1.7	22 5 46.38	18.27	.34												
	O	-18 46 27.4	-18 31 50.0						0.627	Mg II 2798		978 978 2058 2058					978ubv
2203-217		22 3 4.8	22 5 51.38	18.4													
	O	-21 45 13	-21 30 35.5						2.273			2274	2274				
2203-196	QSM6:24	22 3 6.3	22 5 51.56	20.06													
	C	-19 41 57	-19 27 19.5						-.34	0.446 Mg II 2798		2058	2058				2058Bmag, 2058ubv
2203-179	MD5:55	22 3 10.89	22 5 55.03	18.4													
	O	-17 55 21.2	-17 40 43.5						2.49	H I 1216		1948	1948				1948phot mag
2203-186	QSM3:16	22 3 15.6	22 6 0.16	20.30													
	C	-18 36 30	-18 21 52.1						-.39	(1.179) C III 1909		2058	2058				2058Bmag, 2058ubv
2203-204		22 3 16.5	22 6 2.23	19.75													
	O	-20 28 6.6	-20 13 28.7						2.796	H I 1216 N V 1240 C IV 1549		477 1400 477					
2203-188	G11.09	22 3 17.9	22 6 2.63	19.74	.76												
	O	-18 52 55.2	-18 38 17.3						1.665	C IV 1549 C III 1909		978	978				978ubv
2203-197	QSM6:28	22 3 19.2	22 6 4.48	20.35													
	C	-19 45 34	-19 30 56.0						-.98	2.116 H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
2203-205		22 3 19.4	22 6 5.17	19.9													
	O	-20 32 9.0	-20 17 31.0						(2.42)			477	477				



TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2203-192 C	QSM3:20	22 3 20.8 -19 13 38	22 6 5.74 -18 58 60.0	20.79			-0.88 0.331			2058 2058					2058Bmag, 2058ubv, 2058neml
2203-176 O	MD5:56	22 3 22.13 -17 39 38.4	22 6 6.09 -17 25 0.3	19.3			1.59	C IV 1549		1948 1948					1948phot mag
2203-188 R	PKS G12.01 OY 106 QSM3:05	22 3 25.73 -18 50 18.1	22 6 10.42 -18 35 39.9	18.50	.43	-0.37	0.619	Mg II 2798 O II 3727 H I 4340 O III 4363 O III 4959 O III 5007		057 1984 2058 978 1304 2058			477 978 1527		978fc,978ubv, 761,2229sp, 1305ir, 1526vlbi, 1789mm, 1810pos, 2103pol
2203-198 C	QSM6:22	22 3 26.4 -19 52 52	22 6 11.74 -19 38 13.8	20.42			-0.24 1.046	C III 1909		2058 2058					2058Bmag, 2058ubv
2203-195 C	QSM6:46	22 3 27.4 -19 34 34	22 6 12.55 -19 19 55.7	20.53			-0.93 0.972	C III 1909		2058 2058					2058Bmag, 2058ubv
2203-194 C	QSM6:10	22 3 27.8 -19 26 50	22 6 12.87 -19 12 11.7	19.55			-0.83 0.976	C III 1909		2058 2058					2058Bmag, 2058ubv
2203-193 C	QSM6:15	22 3 30.1 -19 20 1	22 6 15.09 -19 5 22.6	19.46			-0.47 0.649	Mg II 2798		2058 2058					2058Bmag, 2058ubv
2203-193 O	MD5:57	22 3 34.59 -19 21 21.0	22 6 19.59 -19 6 42.5	19.1			2.33	H I 1216 C IV 1549		1948 1948					1948phot mag
2203-202 O		22 3 39.5 -20 12 18.8	22 6 25.03 -19 57 40.1	20			(0.20)			477 477					
2203-356	A09.57	22 3 41.8 -35 41 0	22 6 38.53 -35 26 21.0	19.5			3.25			2277 2277					
2203-198 O	MD5:58 QSM6:21	22 3 46.11 -19 50 45.8	22 6 31.40 -19 36 6.9	19.3			-1.36 1.363	C III 1909		477 477 1948 2058 2058					z in 1948 differs (2.04)
2203+292 S R		22 3 47.03 29 15 23.9	22 6 2.71 29 30 2.1	22.0			4.399*	LYB 1026 4.402 O VI 1034 4.371 H I 1216 4.359 N V 1240 4.296 O I 1304 3.93 Si II 1307 3.45 O IV 1402 3.37 C IV 1549		1838 1886 1838		1838 1886			2014sp,2014fc 51 arcsec from radio gal 3C 441,0.707xgal, 1838,2118; Ly limit abs,1886 7 arcsec from anon gal,0.202 xgal,1886;
2203-215 R	PKS	22 3 55.05 -21 34 21.9	22 6 41.43 -21 19 42.6	17.70			0.576	Mg II 2798 O II 3727 NeIII 3869 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		477 1997 LBQS					1997Bmag
2203-185 O		22 3 55.2 -18 33 26	22 6 39.67 -18 18 46.8	18.4			2.728			2274 2274					
2203-178 O		22 3 59.8 -17 51 28.1	22 6 43.83 -17 36 48.7	19.8			(2.08)			477 477					
2204-409 X	1E	22 4 3.1 -40 59 16.9	22 7 4.56 -40 44 37.0	19.8			0.231	H I 4861 O III 5007		1416 1416					
2204-214 O	MD5:59	22 4 4.06 -21 24 45.3	22 6 50.32 -21 10 5.7	19.0			2.29	H I 1216 C IV 1549		1948 1948					1948phot mag
2204-173 O		22 4 4.3 -17 22 6.9	22 6 48.02 -17 7 27.4	20			(1.81)			477 477					
2204-205 O	MD5:60	22 4 12.57 -20 32 6.2	22 6 58.26 -20 17 26.3	19.4			1.798	H I 1216 C IV 1549 C III 1909		467 467 1948 477 1400 1948					477fc

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
2204-187 O	MD5:61	22 4 16.22 -18 44 49.2	22 7 0.78 -18 30 9.2	19.2				1.46			C IV 1549		1948 1948					1948phot mag	
2204+468 X	1E	22 4 26 46 50 4	22 6 25.50 47 4 43.2	19.7	1.10			0.163	H I 4861 O III 5007				1417 1417					1417x	
2204-540 R	PKS	22 4 26.15 -54 1 14.3	22 7 43.62 -53 46 33.3	18				1.206	C III 1909 Mg II 2798				420 1304					761sp, 1526vlbi, 1898pos, 2103pol ref 058 z is incorrect,1898	
2204-573 R	PKS	22 4 30.4 -57 22 15	22 7 53.67 -57 7 33.7	17.36	.14	-.33	2.725+		H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640				422 418		1519 418		761sp,780, 1617ir, 1485ubv Ly alpha abs, 1870		
2204-191 O	MD5:62	22 4 32.24 -19 11 37.2	22 7 17.05 -18 56 56.7	17.88*		-.87	1.067		C III 1909 Mg II 2798				467 467 1203 477 1400	477				761,1304sp, 477fc,1203ubv z in 1948 differs (1.55)	
2204-408 O X R		22 4 33 -40 51 35	22 7 34.23 -40 36 54.1	17.57	1.19	-.03	3.170*		O VI 1034 3.1580 H I 1216 2.8500 N V 1240 2.8375 Si II 1263 2.6280 O I 1304 1.8145 Si IV 1397 O IV 1402 C IV 1549			431 431 478		846 911 904 1994 2059 2125 2228 2263	911 1994 1994 1994 1994 1994		886,1847ir, 786,1941uv, 912,1488x,597, 2125 1138sp, 1485ubv Ly abs 2156		
2204-179 O	MD5:63	22 4 39.48 -17 54 35.0	22 7 23.49 -17 39 54.2	19.4				2.11	H I 1216 C IV 1549				1948 1948					1948phot mag	
2204-188 O	MD5:64	22 4 41.35 -18 53 14.3	22 7 25.96 -18 38 33.4	19.4				1.94	H I 1216				1948 1948					1948phot mag	
2204-176 O	MD5:65	22 4 42.58 -17 37 46.3	22 7 26.41 -17 23 5.4	19.3				2.82	H I 1216				1948 1948					1948phot mag	
2204-208 R	PKS	22 4 48.08 -20 53 17.6	22 7 33.93 -20 38 36.5	20.26				1.923	H I 1216 N V 1240 C IV 1549 Mg II 2798				1527 1997					1997Bmag	
2204-207 O		22 4 49.7 -20 43 53	22 7 35.45 -20 29 11.8	17.9				1.689					2274 2274						
2204-162 O	MD5:66	22 4 54.01 -16 14 45.2	22 7 36.99 -16 0 3.9	18.7				1.56	O IV 1402 C IV 1549				1948 1948					1948phot mag	
2204-164 O	MD5:67	22 4 55.63 -16 25 46.7	22 7 38.72 -16 11 5.4	19.2				2.61	H I 1216				1948 1948					1948phot mag	
2205-636 R	PKS	22 5 10.07 -63 40 30.9	22 8 47.45 -63 25 48.0	18.5				(0.618)	Mg II 2798				1898 1251		1251			1526vlbi	
2205-167 O		22 5 13.5 -16 47 13	22 7 56.78 -16 32 31.1	19.3				0.16					477 477					939,1026ext, 1207,1261imag	
2205-203 O	MD5:68	22 5 14.56 -20 21 6.3	22 8 0.03 -20 6 24.3	19.5				1.71	H I 1216 C IV 1549 C III 1909				477 1948 1948					1207,1261imag z in 477 differs (0.26)	
2205-202 O	MD5:69	22 5 18.56 -20 14 37.5	22 8 3.96 -19 59 55.3	18.4				2.635	H I 1216 O IV 1402				1948 1948 LBQS					1948phot mag	
2205-208 O		22 5 21.6 -20 53 35	22 8 7.40 -20 38 52.7	18.2				0.410					477 1400 477						
2205-214 O	MD5:70	22 5 25.23 -21 29 43.8	22 8 11.41 -21 15 1.4	18.5				2.02	H I 1216				1948 1948					1948phot mag	
2205-170 O	MD5:71	22 5 33.86 -17 4 31.3	22 8 17.29 -16 49 48.7	19.1				2.10	H I 1216				1948 1948					1948phot mag	

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES	
		DEC (1950)			DEC (2000)									ID	Z	VAR	R		ABS
2205-402 O		22 5 38.4 -40 14 17	22 8 38.80 -39 59 33.8	18.8							1.40	C IV 1549 C III 1909		478	478				846rnd
2205-171 O	MD5:72	22 5 44.42 -17 11 54.9	22 8 27.91 -16 57 11.9	19.4							2.56	H I 1216		1948	1948				1948phot mag
2205-165 O	MD5:73	22 5 46.82 -16 30 38.2	22 8 29.89 -16 15 55.1	19.3							1.60	C IV 1549 C III 1909		1948	1948				1948phot mag
2205-200 C	MD5:74 QSM2:08	22 5 51.66 -20 1 27.6	22 8 36.87 -19 46 44.3	17.95						-0.86	1.711	C IV 1549 C III 1909		1203 1878 1948 2058	1203 1878 1948 2058				1203ubv
2205-198 O	MD5:75	22 5 51.83 -19 52 44.5	22 8 36.95 -19 38 1.2	19.4							2.10	H I 1216		1948	1948				1948phot mag
2205-196 O	QSM1:38	22 5 59.1 -19 40 14	22 8 44.08 -19 25 30.5	18.15						-1.07	1.285	C IV 1549 C III 1909 C II 2326 Mg II 2798		467 1878 2058 1878 2058	467 477 1400 1878 2058				761,1304sp, 477fc
2206-199 O	MD5:76 QSM2:09	22 6 6.95 -19 58 41.6	22 8 52.11 -19 43 57.8	17.33					.16	-0.11	2.559*	H I 1216 N V 1240 Si II 1263 C II 1335 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909	2.0769 2.0144 1.9204 1.0169 0.7520	467 1878 1948 2058 1872 1878 1948 2058	1304 467 477 1400 1872				1394 761,2020sp, 1508 477fc,1485ubv, 1551 2174varnd 1872 Ly alpha abs, 1873 1870; Ly alpha 2020 forest,2153; 2057 damped Ly 2168 alpha,z=1.9204 2228 damped Ly 2263 alpha,z=2.0769 1508
2206-203 C	QSM2:03	22 6 14.8 -20 19 3.8	22 9 0.16 -20 4 19.7	19.85						-0.54	0.682	Mg II 2798		1878 2058	1878 2058				1878Bmag
2206-199 O	MD5:77 QSM2:07	22 6 15.56 -19 59 5.2	22 9 0.71 -19 44 21.1	18.65						-0.49	1.584	C IV 1549 C III 1909		477 1948 2058	1652 477 1948 2058				2.1 arcmin from 2206- 1958,1652, 1948
2206-194 C	QSM1:03	22 6 30.4 -19 27 16.8	22 9 15.20 -19 12 32.2	19.79						-0.48	2.076	H I 1216 C IV 1549 C III 1909		1878 2058	1878 2058				1878Bmag
2206-197 C	QSM1:34	22 6 31.1 -19 44 22.3	22 9 16.07 -19 29 37.7	19.95						-0.22	1.877	C IV 1549 C III 1909		1878 2058	2058				1878Bmag
2206+351 R	UT	22 6 34.7 35 8 33	22 8 46.25 35 23 17.0	18.0							0.66	Mg II 2798 O II 3727		1437	1437				
2206-180 O	MD5:78	22 6 40.88 -18 2 59.0	22 9 24.81 -17 48 14.0	19.15							1.071	C III 1909 Mg II 2798		467 1948 1400 1948	467 477 1400 1948				761,1304sp, 477fc z in 1948 differs (2.25)
2206-187 O	MD5:79	22 6 44.03 -18 47 43.0	22 9 28.40 -18 32 57.9	19.6							2.157	H I 1216 C IV 1549 C III 1909		467 1948 1400 1948	467 477 1400 1948				761,1304sp, 477fc
2206-197 O	MD5:80	22 6 44.33 -19 44 30.7	22 9 29.28 -19 29 45.6	19.1							1.50	C IV 1549		1948	1948				1948phot mag
2206-191 C	QSM1:01	22 6 51.5 -19 9 27	22 9 36.08 -18 54 41.7	20.59						-0.47	(1.829)	C IV 1549 C III 1909		1878 2058	1878 2058				1878Bmag
2207+020 BL Lac R	PKS 4C 02.54	22 7 0.27 2 3 56	22 9 32.86 2 18 41.3	19										045			803 1086 1127		781ir,044sp, 2112x
2207-175 O	MD5:81	22 7 2.98 -17 30 40.5	22 9 46.55 -17 15 54.8	19.1							1.95	O IV 1402		1948	1948				1948phot mag
2207-191 C	QSM1:15	22 7 6.6 -19 11 0.4	22 9 51.18 -18 56 14.5	19.64						-0.57	2.171	H I 1216 Si IV 1397 C IV 1549		1878 2058	1878 2058				1878Bmag

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
2207-170 O	MD5:82	22 7 8.92 -17 3 37.8	22 9 52.21 -16 48 51.9	18.5							1.45	C IV 1549		1948	1948			1948phot mag	
2207-201 C	QSM2:32	22 7 9.7 -20 6 14.9	22 9 54.84 -19 51 28.9	20.44					-.65		1.515	C IV 1549 C III 1909		1878	1878 2058			1878Bmag	
2207-164 O	MD5:83	22 7 9.78 -16 28 47.1	22 9 52.73 -16 14 1.2	19.3							1.58	C IV 1549 C III 1909		1948	1948			1948phot mag	
2207-200 C	QSM2:36	22 7 11.0 -20 4 9.2	22 9 56.11 -19 49 23.2	20.20					-.80		1.070	C III 1909		1878	1878 2058			1878Bmag	
2207-195 C	QSM1:36	22 7 11.4 -19 30 45.4	22 9 56.17 -19 15 59.4	19.36					-.69		1.119	C III 1909 Mg II 2798		1878	1878 2058			1878Bmag	
2207+374 R	UT	22 7 11.8 37 27 34	22 9 21.50 37 42 19.2	18.5							1.50	C IV 1549 C III 1909		1437	1437				
2207-196 C	QSM1:31	22 7 15.0 -19 38 32.5	22 9 59.84 -19 23 46.4	20.51					-.76		1.748	C IV 1549 C III 1909		1878	1878 2058			1878Bmag	
2207-200 C	QSM2:18	22 7 29.0 -20 5 17.7	22 10 14.10 -19 50 31.1	20.27					-.59		2.454	H I 1216 Si IV 1397 C IV 1549		1878	1878 2058			1878Bmag	
2207-199 O	QSM2:31	22 7 36.2 -19 56 37.3	22 10 21.20 -19 41 50.4	20.11					-.90		1.978	H I 1216 N V 1240 C IV 1549		477	1878 2058			1878Bmag	
2207-198 C	QSM2:44	22 7 40.4 -19 49 6.0	22 10 25.31 -19 34 19.0	20.23					-1.27		0.452	Mg II 2798		1878	1878 2058			1878Bmag	
2207-196 C	QSM1:35	22 7 40.6 -19 40 1	22 10 25.42 -19 25 14.0	20.73					-.49		1.123	C III 1909 C II 2326 Mg II 2798		1878	1878 2058			1878Bmag	
2207-196 C	QSM1:25	22 7 40.9 -19 38 51.7	22 10 25.71 -19 24 4.7	20.13					-.33	(1.128)		C III 1909 Mg II 2798		1878	1878 2058			1878Bmag	
2207-183 O		22 7 42.8 -18 18 23.9	22 10 26.79 -18 3 36.8	20						(2.31)				477	477				
2207-207 O	MD5:84	22 7 44.19 -20 44 23.4	22 10 29.66 -20 29 36.2	18.1							2.38	H I 1216 C IV 1549		1948	1948			1948phot mag	
2207-177 O	MD5:85	22 7 47.97 -17 44 57.4	22 10 31.62 -17 30 10.2	19.95							2.05	H I 1216 He II 1640		477	1948 1948			z in 477 differs (0.97)	
2207-204 O	MD5:86	22 7 49.38 -20 29 7.1	22 10 34.69 -20 14 19.8	18.6							1.22	C IV 1549 C III 1909		477	1948 1948			z in 477 differs (0.50)	
2207-186 O		22 7 53.6 -18 38 56.9	22 10 37.78 -18 24 9.5	19.8							0.44			477	477				
2207-201 O	QSM2:22 MD5:87	22 7 58.26 -20 8 34.3	22 10 43.34 -19 53 46.7	19.13					-1.30		2.062	H I 1216 N V 1240 Si IV 1397 C IV 1549		467	1878 1878 467 1948 477 2058 1400 1948 2058			1878Bmag, 477fc,761, 1304sp	
2208-194 O	QSM1:26 MD5:88	22 8 3.52 -19 27 34.0	22 10 48.18 -19 12 46.2	18.51					-.33		1.520	C IV 1549 C III 1909		477	1878 1878 477 1948 2058			1878Bmag z in 1948 differs (2.21)	
2208-198 C	QSM2:34	22 8 4.8 -19 52 37.2	22 10 49.71 -19 37 49.4	20.03					-.32		1.708	C IV 1549		1878	1878 2058			1878Bmag	
2208-195 C	QSM1:21	22 8 8.2 -19 35 9.2	22 10 52.93 -19 20 21.3	20.62					-.57	(0.488)		Mg II 2798		1878	1878 2058			1878Bmag	
2208-194 O	QSM1:19	22 8 14.0 -19 26 46.4	22 10 58.64 -19 11 58.3	19.83					-.31	1.930+		N V 1240 Si IV 1397 C IV 1549		477	1878 1878 477 2058			1878Bmag, 2058BAL	
2208-181 O	MD5:89	22 8 15.59 -18 9 13.0	22 10 59.45 -17 54 24.8	19.5							2.68	LYB 1026 H I 1216		1948	1948			1948phot mag	

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	
2208-181 O	MD5:90	22 8 19.06 -18 9 43.4	22 11 2.92 -17 54 55.1	17.7					1.26	C IV 1549		1948 1948			1948phot mag 0.96 arcmin from 220815.59 -180913.0,1948	
2208-206 O	MD5:91	22 8 29.06 -20 39 16.1	22 11 14.41 -20 24 27.4	19.2					2.80	H I 1216		1948 1948			1948phot mag	
2208-185 O	MD5:92	22 8 31.88 -18 32 15.1	22 11 15.94 -18 17 26.4	18.6					1.83	H I 1216		1948 1948			1948phot mag	
2208-173 O		22 8 32.1 -17 20 15	22 11 15.45 -17 5 26.3	17.6					1.210+			2274 2274			2274BAL	
2208-217 O	MD5:93	22 8 33.68 -21 45 59.3	22 11 19.71 -21 31 10.5	18.4					1.49	C IV 1549		1948 1948			1948phot mag	
2208-350	A09.85	22 8 33.7 -35 4 39	22 11 29.04 -34 49 50.0	19.5					2.4			2277 2277				
2208-137 R	PKS	22 8 42.7 -13 42 59	22 11 23.94 -13 28 10.0	17					0.392	Mg II 2798		188 024 1689		1637	703,900,1626, 1988,2062pol, 761,1304, 1420sp,1305ir, 1420FeIIem, 1526vlbi	
2208-200 O		22 8 50.7 -20 2 17.0	22 11 35.64 -19 47 27.6	20					1.97			477 477				
2208-190 O		22 8 52.5 -19 5 37	22 11 36.87 -18 50 47.6	18.0					1.225+			2274 2274				
2208-373	A09.72	22 8 53.1 -37 21 42	22 11 50.26 -37 6 52.3	16.1					0.32			2277 2277				
2208-331	A09.36	22 8 54.7 -33 10 18	22 11 48.49 -32 55 28.3	16.7					0.31			2277 2277				
2209+152 R	MC 3	22 9 7.85 15 15 38.2	22 11 33.17 15 30 27.7	18.9					1.502	Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798		027		1818 1891 1976	1617ir, 1818pos 1795rpol jet	
2209-349	A09.55	22 9 19.6 -34 59 30	22 12 14.74 -34 44 39.4	17.5					1.94			2277 2277				
2209-117 R	UT	22 9 23.7 -11 43 52	22 12 3.78 -11 29 1.6	18.5					1.46	C IV 1549 C III 1909		1437 1437				
2209-171 O	MD5:94	22 9 25.33 -17 8 55.5	22 12 8.50 -16 54 5.0	18.7					1.36	C IV 1549 C III 1909		1948 1948			1948phot mag	
2209-187 O	MD5:95	22 9 26.33 -18 42 26.0	22 12 10.41 -18 27 35.4	17.8					2.092	H I 1216 N V 1240 Si II 1263 C IV 1549 C III 1909		467 467 1948 477 1025 1400 1948			761,1304sp, 477fc	
2209+080 R	PKS 4C 08.64 MSH 22+02 DA 574 OY 015.8	22 9 32.24 8 4 26.4	22 12 1.61 8 19 16.8	18.36*					0.484	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4102 H I 4861 O III 4959 O III 5007 H I 6563		050 128 436 443	128 775 789 1111 1804 1888		1201pol,831sp, 1526vlbi 1902avg Bmag	
2209-207 O	MD5:96	22 9 51.63 -20 46 3.2	22 12 36.91 -20 31 11.8	19.4					1.95	H I 1216 He II 1640		477 1948 1948			1207,1261imag	
2209-214 O	MD5:97	22 9 59.49 -21 24 28.3	22 12 45.15 -21 9 36.6	18.3					1.714	H I 1216 C IV 1549		1948 1948 LBQS			1948phot mag	
2210-394 O		22 10 1.6 -39 25 30	22 13 0.31 -39 10 37.9	18.5					1.28	C III 1909		478 478			846rnd	

TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
2210-174 O	MD5:98	22 10 3.59 -17 25 54.9	22 12 46.87 -17 11 3.1	20					2.20	H I 1216 Si IV 1397 O IV 1402 C IV 1549		477 477 1948 1948					
2210-359	A09.20	22 10 4.0 -35 56 5	22 12 59.76 -35 41 12.9	18.3					1.96			2277 2277					
2210-201 O	MD5:99	22 10 13.21 -20 11 31.7	22 12 58.11 -19 56 39.6	19.4					1.87	H I 1216 C IV 1549		1948 1948					1948phot mag
2210-257 R	PKS	22 10 14.1 -25 44 22	22 13 2.47 -25 29 29.8	19.0					1.833	H I 1216 N V 1240 Si II 1263 C IV 1549 C III 1909		087 1304		1518			1305ir,761sp, 1483rvar, 1526vlbi, 1789mm, 1810pos
2210-200 O		22 10 24.5 -20 5 34.0	22 13 9.32 -19 50 41.5	20					2.10			477 477					
2210-178 O		22 10 26.2 -17 51 55	22 13 9.70 -17 37 2.5	17.9					1.557			2274 2274					
2210-167 O	MD5:100	22 10 48.36 -16 43 34.0	22 13 31.17 -16 28 40.7	18.5					1.62	Si IV 1397 O IV 1402 C IV 1549		477 1948 1948					
2210-342	A09.50	22 10 50.6 -34 15 35	22 13 44.89 -34 0 41.4	17.9					2.4			2277 2277					
2210-190 O	MD5:101	22 10 56.54 -19 1 46.2	22 13 40.68 -18 46 52.6	18.7					2.32	H I 1216 C IV 1549		1948 1948					1948phot mag
2211-182 O	MD5:102	22 11 5.25 -18 13 24.9	22 13 48.91 -17 58 31.1	17.5					1.18	C III 1909		1948 1948					1948phot mag
2211-174 O	MD5:103	22 11 23.03 -17 27 11.7	22 14 6.22 -17 12 17.3	18.9					2.16	H I 1216		1948 1948					1948phot mag
2211-196 O		22 11 23.8 -19 39 23.8	22 14 8.27 -19 24 29.3	20					1.68			477 477					
2211-166 O	MD5:104	22 11 30.35 -16 36 55.7	22 14 13.05 -16 22 1.1	19.5					2.93	H I 1216		1948 1948					1948phot mag
2211+006 O	PC	22 11 36.2 0 37 33	22 14 9.59 0 52 27.6	19.23					0.910	Mg II 2798		1517 1517					
2211-177 O	MD5:105	22 11 46.22 -17 45 2.1	22 14 29.55 -17 30 6.9	18.2					1.34	C IV 1549		1948 1948					1948phot mag
2211-201 O	MD5:106	22 11 52.45 -20 11 2.7	22 14 37.19 -19 56 7.3	18.7					1.61	C IV 1549 C III 1909		1948 1948					1948phot mag
2211-192 O	MD5:107	22 11 53.71 -19 15 50.1	22 14 37.90 -19 0 54.7	18.2					1.953	Si IV 1397 C IV 1549 C III 1909		467 467 1948 477 1304 1400 1948		477			761sp
2211+013 O	PC	22 11 54.7 1 19 58	22 14 27.72 1 34 53.2	19.1					3.100			1698 1698					1698rmag
2211-163 O	MD5:108	22 11 57.93 -16 19 10.4	22 14 40.42 -16 4 14.9	19.3					1.91	H I 1216		1948 1948					1948phot mag
2212-199 O		22 12 0.1 -19 58 55.3	22 14 44.71 -19 43 59.6	19.75					(0.33)			477 477					
2212-190 O	MD5:109	22 12 0.23 -19 3 33.1	22 14 44.30 -18 48 37.5	19.2					1.96	H I 1216		1948 1948					1948phot mag
2212-199 O	MD5:110	22 12 6.61 -19 57 54.2	22 14 51.20 -19 42 58.3	19.15					2.021	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		467 467 1948 477 1400 1948					477fc,761sp

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES
2212-165 O	MD5:111	22 12 13.21 -16 34 22.2	22 14 55.83 -16 19 26.2	17.8			1.35	C IV 1549		1948	1948	1948phot mag
2212-202 O	MD5:112	22 12 25.13 -20 13 56.8	22 15 9.85 -19 59 0.3	18.8			1.18	C IV 1549		1948	1948	1948phot mag
2212-299 R	PKS	22 12 25.14 -29 59 20.1	22 15 16.06 -29 44 23.5	17.44	.14	-.24	2.706*	O VI 1034 H I 1216 N V 1240 Si II 1263 O I 1304 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909	1.9964 1.9392 0.6329	296 493 2049 2281	1518 1747 2049 1304sp,886, 2228 1305ir, 2263 1485ubv, 1526vlbi	
2212-177 O	MD5:113	22 12 31.97 -17 47 15.9	22 15 15.25 -17 32 19.2	18.3			1.16	C IV 1549 C III 1909		1948	1948	1948phot mag
2212-334	A10.11	22 12 40.9 -33 28 24	22 15 34.28 -33 13 26.8	18.7			2.28			2277	2277	
2212-179 O	MD5:114	22 12 48.30 -17 59 3.1	22 15 31.67 -17 44 5.9	18.3			2.28 +	H I 1216 Si IV 1397 O IV 1402 C IV 1549		477 477 1948 1948		1208BAL
2213-202 O		22 13 3.5 -20 12 44.6	22 15 48.14 -19 57 46.9	19.2			1.046	C III 1909 Mg II 2798		467 467 477 1400		761,1304sp, 477fc
2213-206 O	MD5:115	22 13 17.19 -20 39 39.8	22 16 2.07 -20 24 41.6	19.3			2.15	H I 1216		1948	1948	1948phot mag
2213-180 O	MD5:116	22 13 21.77 -18 4 38.5	22 16 5.15 -17 49 40.2	18.8			1.75	C IV 1549 C III 1909		1948	1948	1948phot mag
2213-208 O	MD5:117	22 13 29.32 -20 52 34.0	22 16 14.31 -20 37 35.4	18.7			2.11	H I 1216 C IV 1549		1948	1948	1948phot mag
2213-211 O		22 13 29.7 -21 8 3	22 16 14.84 -20 53 4.4	19.9			0.37			477 477		
2213-373	A10.20	22 13 34.7 -37 22 24	22 16 30.94 -37 7 25.0	17.9			1.92			2277	2277	
2213-190 O	MD5:118	22 13 39.60 -19 3 11.5	22 16 23.51 -18 48 12.6	18.7			1.33	C IV 1549		1948	1948	1948phot mag
2213-209 O	MD5:119	22 13 52.21 -20 56 38.1	22 16 37.20 -20 41 38.8	18.5			1.63	C IV 1549 C III 1909		1948	1948	1948phot mag
2213-165 O	MD5:120	22 13 53.69 -16 30 35.2	22 16 36.14 -16 15 35.9	19.1			2.12	H I 1216		1948	1948	1948phot mag
2214-208 O		22 14 6.5 -20 48 1	22 16 51.39 -20 33 1.2	18.85			1.684	H I 1216 C IV 1549 C III 1909		467 467 477 1400		761,1304sp, 477fc
2214+350 R B2 UT	GC	22 14 7.03 35 3 16.3	22 16 20.03 35 18 15.3	18.5			0.51	Mg II 2798 H I 4340		132 009 1437	1521	1201pol, 1194imag, 1526vlbi
2214-190 O	MD5:121	22 14 7.82 -19 3 9.7	22 16 51.69 -18 48 9.9	18.2			1.48	C IV 1549		1948	1948	1948phot mag
2214-169 O	MD5:122	22 14 35.54 -16 55 37.2	22 17 18.17 -16 40 36.6	18.7			1.52	C IV 1549		1948	1948	1948phot mag
2214-212 O		22 14 43.9 -21 14 29	22 17 28.98 -20 59 28.0	19.95			(0.34)			477 477		
2214-206 O	MD5:123	22 14 44.15 -20 41 12.6	22 17 28.91 -20 26 11.6	19.4			1.90	H I 1216 C IV 1549		1948	1948	1948phot mag
2214-179 O	MD5:124	22 14 48.40 -17 59 5.9	22 17 31.61 -17 44 4.8	19.2			2.53	H I 1216		1948	1948	1948phot mag

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS					NOTES
2214-206 R	PKS		22 14 58.64 -20 37 52.9	22 17 43.34 -20 22 51.5	20.60					2.316	H I 1216 N V 1240 C IV 1549 C III 1909		1527	1997				1997Bmag
2214-189 O	MD5:125		22 14 59.60 -18 57 51.9	22 17 43.34 -18 42 50.5	19.3					1.77	H I 1216 C IV 1549		1948	1948				1948phot mag
2215-213 O			22 15 2.2 -21 23 7	22 17 47.34 -21 8 5.5	20					1.59			477	477				
2215-508 R	PKS		22 15 9.61 -50 53 44.3	22 18 19.03 -50 38 42.0	17.4					1.356	C III 1909 Mg II 2798		1251			1251		
2215-037 X			22 15 11.7 -3 47 50	22 17 47.35 -3 32 48.4	17.2	* 0.00	-.70	0.241					1265	1265	1770 2174			1265ubv, 1209ext,1207, 1261,1630imag, 1910sp faint gal near 1344;27 arcsec from anon gal, 0.095sgal,2118
2216-038 R X OY 027 MSH 22-06 PB 7136	PKS	4C 03.79 OY 027 MSH 22-06 PB 7136	22 16 16.43 -3 50 40.3	22 18 52.09 -3 35 36.6	15.72*	.63	-.71	0.901	C III 1909 Mg II 2798				079	002 018 054	492 529 803	789 803 837 1877 2085	1873	059,249, 1485ubv,705, 1202,2103pol, 780ir,836sp, 749,1810pos, 936,1595rvar, 873,1980x, 836FeIIem, 1526vlbi,057, 529fc,1789mm 1902avg ph mag faint gals near,2118
2216-427 O	MD3:1		22 16 33.49 -42 44 22.9	22 19 33.72 -42 29 18.2	20.0					1.46	C IV 1549 He II 1640		1948	1948				1948phot mag
2216-043 X			22 16 48.8 -4 18 52	22 19 24.69 -4 3 47.3	18.5	-.40		0.243					1314	1314				1209imag
2217-406 O R	MD3:2		22 17 14.46 -40 39 5.1	22 20 12.67 -40 23 59.1	18.8					1.86	H I 1216 Si IV 1397 O IV 1402 C IV 1549		478 1948	478 1400 1948		846 904		
2217+214 R	UT		22 17 16.0 21 26 9	22 19 38.47 21 41 14.2	18.5					1.52	C IV 1549 C III 1909		1437	1437				
2217-421 O	MD3:3		22 17 27.05 -42 8 21.9	22 20 26.52 -41 53 15.5	19.6					2.21	H I 1216 C IV 1549		1948	1948				1948phot mag
2217+087 R X			22 17 39.37 8 43 55.7	22 20 8.71 8 59 1.8	17.6					0.228	H I 4861 O III 4959 O III 5007		1058	1058		1171		1058x,1207, 1261imag, 1922sp
2217+087 R X	4C 08.66		22 17 42.46 8 45 23.6	22 20 11.79 9 0 29.8	18.6					0.623	Ne V 3426 O II 3727 He 3970 H I 4102 H I 4340		1058	1058		1171		1058x,1207, 1261imag, 1922sp
2217-385 O	MD3:4		22 17 43.02 -38 30 35.2	22 20 39.34 -38 15 28.4	19.1					1.524+	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1400 1948	1400 1948				1400BAL
2217-391 O	MD3:5		22 17 47.63 -39 11 37.5	22 20 44.49 -38 56 30.5	19.5					1.20	C IV 1549 C III 1909		1948	1948				1948phot mag
2217-422 O			22 17 53.5 -42 15 42	22 20 52.98 -42 0 34.8	19.4					2.05	H I 1216 N V 1240 C IV 1549		478	478 1400				846rnd
2217-409 O	MD3:6		22 17 59.53 -40 58 18.3	22 20 57.84 -40 43 10.9	19.8					1.97	H I 1216		1948	1948				1948phot mag



TABLE 1—Continued

OTHER NAMES		RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V) (U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
										Z	VAR	R	ABS	
2218-371 O	MD3:7	22 18 10.34 -37 10 26.3	22 21 5.51 -36 55 18.6	19.2		2.19	H I 1216 C IV 1549		1948	1948				1948phot mag
2219-397 O	MD3:8	22 19 19.50 -39 45 1.6	22 22 16.49 -39 29 51.8	19.5		2.08	H I 1216 C IV 1549		1948	1948				1948phot mag
2219-381 O	MD3:9	22 19 26.54 -38 11 14.7	22 22 22.24 -37 56 4.7	19.5		1.99	H I 1216 C IV 1549		1948	1948				1948phot mag
2219-420 O	MD3:10	22 19 27.45 -42 4 59.9	22 22 26.39 -41 49 49.8	20.2		1.31	C IV 1549 He II 1640 C III 1909		1948	1948				1948phot mag
2219-423 O	MD3:11	22 19 28.68 -42 21 9.9	22 22 27.86 -42 5 59.7	19.5		2.36	H I 1216 C IV 1549		1948	1948				1948phot mag
2219-394 O R	MD3:12	22 19 54.86 -39 28 41.8	22 22 51.50 -39 13 30.9	17.74	.24 -.98	2.022	H I 1216 C IV 1549		409 409 618 478 1948 1400 1948			846 904		1485subv
2219-408 O	MD3:13	22 19 57.35 -40 48 32.2	22 22 55.08 -40 33 21.2	19.9		1.56	C IV 1549 C III 1909		1948	1948				1948phot mag
2220-390 O		22 20 1.2 -39 4 10	22 22 57.48 -38 48 58.9	19.0		1.450	C IV 1549 C III 1909		1400	1400				
2220-427 O	MD3:14	22 20 12.13 -42 47 23.2	22 23 11.52 -42 32 11.7	19.1		1.26	C IV 1549 He II 1640		1948	1948				1948phot mag
2220-388 O	MD3:15	22 20 57.28 -38 51 24.1	22 23 53.19 -38 36 11.3	17.6		0.83	C III 1909 Mg II 2798		1948	1948				1948phot mag
2221-378 O	MD3:16	22 21 14.50 -37 49 42.9	22 24 9.55 -37 34 29.6	19.9		1.96	H I 1216		1948	1948				1948phot mag
2221-376 O	MD3:17	22 21 51.78 -37 40 28.1	22 24 46.59 -37 25 13.7	19.3		1.58	C IV 1549		1948	1948				1948phot mag
2221-400 O	MD3:18	22 21 54.34 -40 0 23.6	22 24 50.97 -39 45 9.1	19.9		2.01	H I 1216		1948	1948				1948phot mag
2222-388 O	MD3:19	22 22 10.08 -38 53 23.1	22 25 5.76 -38 38 8.1	20.2		2.72	H I 1216 O IV 1402		1948	1948				1948phot mag
2222-413 O	MD3:20	22 22 14.90 -41 18 7.7	22 25 12.52 -41 2 52.6	20.0		1.96	H I 1216		1948	1948				1948phot mag
2222-394 O	MD3:21	22 22 25.36 -39 24 30.5	22 25 21.39 -39 9 15.1	18.9		1.88	H I 1216 Si IV 1397		1948	1948				1948phot mag
2222-412 O	MD3:22	22 22 25.69 -41 14 3.4	22 25 23.21 -40 58 47.9	20.0		1.80	C IV 1549		1948	1948				1948phot mag
2222-397 O	MD3:23	22 22 30.82 -39 45 56.6	22 25 27.12 -39 30 41.0	20.0		1.497+	C IV 1549 C III 1909		1400 1400 1948 1948				1400	
2222-383 O	MD3:24	22 22 37.80 -38 19 30.2	22 25 32.95 -38 4 14.4	18.1		1.52	C IV 1549		1948	1948				1948phot mag
2222+051 R	4C 05.84 PKS	22 22 43.50 5 11 53.4	22 25 14.75 5 27 8.8	18.52		2.324*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.3116 2.1322 1.6383 1.6050	124 436 2049 2281			789 478 1818 2049 1891 2263		2266imag, 1818pos
2222-396 O	MD3:25	22 22 44.17 -39 39 53.0	22 25 40.34 -39 24 37.0	17.9		2.18 +	H I 1216 N V 1240 C IV 1549		409 478 1948 1400 1948				478	846rnd
2222-404 O	MD3:26	22 22 44.45 -40 24 42.1	22 25 41.22 -40 9 26.1	18.5		1.221+	C IV 1549 C III 1909 Mg II 2798		1400 1400 1948 1948				1400	
2222-385 O	MD3:27	22 22 50.65 -38 33 13.4	22 25 45.93 -38 17 57.3	20.0		2.18	H I 1216 C IV 1549		1948	1948				1948phot mag

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES		Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
2223-052	3C 446	22 23 11.12	22 25 47.30	17.19*	.45	-.54	1.404*	C IV 1549	0.8472	136	013	007 128 552	007,056,136,							
BL Lac R	4C 05.92	-5 12 17.4	-4 57 1.1					C III 1909			098	183 801 640	228,1485ubv,							
X	PKS											228 837 1749	183,229,640,							
	OY 039											229 1084 2228	703,705,900,							
	NRAO 687											242 1111 2263	1541,1730,							
	MSH 22-010											248 1128	1988,2062,							
	LHE 519											249 1160	2103pol,280,							
												280 1162	324,335,							
												286 1212	1392sp,1392,							
												288 1229	1852phot,1348,							
												289 1340	1569,1941uv,							
												290 1367	1333,1526vlbi,							
												529 1544	1357,1583,							
												754 1557	1916,1971,							
												755 1587	1972mf,							
												905 1792	1388rpol,887,							
												1068 1804	936,949,							
												1142 1807	1721rvar,781,							
												1802 1930	799,1012,1305,							
												2108	1580,1617,							
												2174	1668,2021ir,							
													1195,1753xvar,							
													749,865pos,							
													696,912,1088,							
													1569,1980,							
													2107,2112x,							
													057,182fc,							
													1789mm,							
													1916OVV,							
													1942uvvar							
													QSO and BL Lac							
													depending on							
													epoch;							
													IRAS source,							
													1644;IRAS var,							
													1806;							
2223+210	PKS	22 23 14.75	22 25 38.05	18.08			1.953*	H I 1216	1.9019	202	128	128 1901	1513elp,							
R	DA 580	21 2 50.0	21 18 6.1					Si IV 1397			443	1792 2049	1617ir,							
X	GC							O IV 1402			748	1818 2263	1526vlbi,							
								C IV 1549			2049	1891	1201pol,1005x,							
								He II 1640			2281	1976	831,1032,							
								C III 1909					1181sp,1119,							
													1336rvar,							
													1818pos							
													1902avg Bmag							
2223-052	1E	22 23 39.6	22 26 15.81	18.6 *			1.866	C IV 1549		1416	1416 1770		1048x,1626pol							
X		-5 17 22.9	-5 2 5.7					C III 1909												
2223-388	MD3:28	22 23 40.18	22 26 35.51	20.0			1.87	H I 1216		1948	1948		1948phot mag							
O		-38 51 12.8	-38 35 55.2					C IV 1549												
2223-420	MD3:29	22 23 53.07	22 26 50.89	18.0			1.37	C IV 1549		1948	1948		1948phot mag							
O		-42 0 2.7	-41 44 44.7					He II 1640												
2224-408	MD3:30	22 24 13.53	22 27 10.33	18.5			2.342	O VI 1034		430	1400		478fc							
O		-40 52 10.4	-40 36 51.8					H I 1216		1948	430									
								N V 1240			478									
								Si IV 1397			479									
								O IV 1402			1022									
								C IV 1549			1948									
2224-413		22 24 14	22 27 11.16	19.9			2.12	H I 1216		430	430									
O		-41 18 36	-41 3 17.4								479									
											1022									
2224-405		22 24 29.2	22 27 25.65	19.4			2.09	H I 1216		430	430									
O		-40 30 10	-40 14 50.9					C IV 1549			479									
											1022									
											1400									
2224-408		22 24 32.7	22 27 29.39	19.4			1.95	H I 1216		430	430		846rnd							
O		-40 49 5	-40 33 45.8					C IV 1549			479		4.8 arcmin							
											1022		from 222413.5							
											1400		-405211.5,1652							

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES			Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
2224-397	MD3:31		22 24 36.80	22 27 32.64	19							2.34	H I 1216			478 478					846rnd	
O			-39 46 41.3	-39 31 22.0									N V 1240			1948 1400						
													C IV 1549			1948						
2224-426	MD3:32		22 24 47.67	22 27 45.84	18.9							1.24	C III 1909			1948 1948					1948phot mag	
O			-42 40 22.8	-42 25 3.2																		
2224-428	MD3:33		22 24 51.30	22 27 49.60	19.9							2.58	H I 1216			1948 1948					1948phot mag	
O			-42 51 11.7	-42 35 52.0																		
2224-403	MD3:34		22 24 55.99	22 27 52.21	19.4							1.91	H I 1216			430 430						
O			-40 20 54	-40 5 34.2									C IV 1549			1948 479						
																1022						
																1400						
																1948						
2225-395	MD3:35		22 25 3.82	22 27 59.41	19.5							2.11	H I 1216			1948 1948					1948phot mag	
O			-39 34 35.9	-39 19 15.8									C IV 1549									
2225-406	MD3:36		22 25 20.10	22 28 16.43	19.8							1.67	H I 1216			1948 1948					1948phot mag	
O			-40 36 1.5	-40 20 41.0									O IV 1402									
2225-401			22 25 25.9	22 28 21.84	19.5							1.92	H I 1216			430 430					846rnd, 478fc	
O			-40 8 10	-39 52 49.3									N V 1240			478						
													C IV 1549			479						
																1022						
																1400						
2225-414			22 25 28.2	22 28 25.19	19.4							1.94	H I 1216			430 430						
O			-41 27 25	-41 12 4.2									C IV 1549			479						
																1022						
																1400						
2225-404			22 25 30.3	22 28 26.45	18.28		.02 -1.10	2.02 +				H I 1216			409 409					478	846rnd, 430,	
O			-40 25 22	-40 10 1.2								N V 1240			1022					478, 479fc,		
												C IV 1549			1400					1485ubv		
2225-383	MD3:37		22 25 33.15	22 28 27.70	20.0							2.15	H I 1216			1948 1948					1948phot mag	
O			-38 20 43.1	-38 5 22.2									He II 1640									
2225+332	GC		22 25 49.13	22 28 5.52	18.5							1.852	H I 1216			216 476			216			
R B2			33 16 17.1	33 31 37.6									C IV 1549									
2225-403			22 25 53.9	22 28 49.94	20.2							2.41	H I 1216			430 430						
O			-40 23 56	-40 8 34.5									C IV 1549			479						
																1022						
																1400						
2225-055	PHL 5200		22 25 54.02	22 28 30.31	17.7		.75 -.71	1.981*				H I 1216		1.9502	001 230			775 184		059ubv, 703,		
C	4C 05.93		-5 34 16.6	-5 18 55.5								N V 1240		1.941	002			230		705, 900,		
X												O I 1304		1.905	200			231		901pol, 1208,		
R												C II 1335		1.891				954		1514BAL, 799ir,		
												Si IV 1397						1094		872, 1213rnd,		
												O IV 1402						1512		912xnd, 954,		
												N IV 1488						1711		1094sp, 1671x		
												C IV 1549						1756		z(abs) 1.98-		
												C III 1909						2228		1.86, 230		
																		2263				
2226-399	MD3:38		22 26 9.18	22 29 4.82	19.9							1.19	C IV 1549			1948 1948					1948phot mag	
O			-39 57 20.4	-39 41 58.5																		
2226-335	A10.09		22 26 11.3	22 29 2.35	16.4							0.86				2277 2277						
			-33 30 26	-33 15 4.1																		
2226-403			22 26 12.5	22 29 8.40	19.5							2.15	H I 1216			430 430						
O			-40 18 10	-40 2 48.0												479						
																1022						
																1400						
2226-411			22 26 13.7	22 29 10.25	20.7							2.10	H I 1216			430 430						
O			-41 7 51	-40 52 28.9												479						
																1022						
2226-400	MD3:39		22 26 14.78	22 29 10.50	20.1							1.99	H I 1216			1948 1948					1948phot mag	
O			-40 4 53.6	-39 49 31.5									N V 1240									

TABLE 1—Continued

	OTHER NAMES	RA (1950)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)									ID	Z	VAR	R	
2226-414 O		22 26 21.8 -41 27 1	22 29 18.57 -41 11 38.7	20.5				2.06	H I 1216		430	430 479 1400			
2226-411 R	PKS	22 26 22.12 -41 6 55.3	22 29 18.62 -40 51 33.0	18.1				0.446	Mg II 2798 Ne V 3426 O II 3727 He 3970 H I 4102 H I 4861 O III 4959 O III 5007 H I 6563		1861	1861		1861	
2226-393 O		22 26 33 -39 20 37	22 29 28.08 -39 5 14.4	21.2				1.92	H I 1216 C III 1909		430	1022 430 479 1400			
2226-401 O		22 26 43.6 -40 9 31	22 29 39.27 -39 54 8.1	19.5				2.03	H I 1216 C IV 1549		430	430 479 1022 1400			
2226-379 O	MD3:40	22 26 51.86 -37 57 11.0	22 29 45.84 -37 41 47.9	20.0				1.26	C IV 1549		1948	1948			1948phot mag
2226-400 O	MD3:41	22 26 52.43 -40 2 42.1	22 29 47.98 -39 47 18.9	19.7				1.89	H I 1216 O IV 1402		1948	1948			1948phot mag
2227-088 R	PKS PHL 5225	22 27 2.38 -8 48 17.4	22 29 40.13 -8 32 54.3	17.5				1.561	C IV 1549 He II 1640 C III 1909		086 1871	1304		1518 1976	1305ir,761sp, 1526vlbi, 1789nm, 1810pos, 2103pol
2227-406 O		22 27 17.0 -40 39 2	22 30 12.92 -40 23 38.1	21.3				0.33	Mg II 2798 O II 3727 He II 4686 O III 5007		430	1022			
2227-378 O	MD3:42	22 27 19.11 -37 49 23.0	22 30 12.91 -37 33 59.1	19.5				1.883	H I 1216 C IV 1549 C III 1909		1400 1948	1400			z in 1948 differs (2.05)
2227-385 O	MD3:43	22 27 21.36 -38 30 56.5	22 30 15.65 -38 15 32.5	19.2				1.54	C IV 1549 C III 1909		1948	1948			1948phot mag
2227-395 O		22 27 31.1 -39 34 6	22 30 26.14 -39 18 41.8	19.5				1.40	H I 1216 Mg II 2798 O II 3727 He II 4686 O III 5007		430	1022 430 479 1400			
2227-136 R	UT	22 27 35.3 -13 41 7	22 30 15.32 -13 25 43.0	18.5				1.42	C IV 1549 C III 1909 Mg II 2798		1437	1437			
2227-396 O	MD3:44	22 27 37.35 -39 37 44.3	22 30 32.41 -39 22 19.9	18.9				1.76	+ H I 1216 C IV 1549		430 1948	430 479 1022 1400		479	z in 1948 differs (1.47)
2227-394 O		22 27 38 -39 28 32	22 30 32.95 -39 13 7.6	18.8				3.45	* O VI 1034 H I 1216 N V 1240 O I 1304 Si IV 1397 C IV 1549	3.373	430	449 430 479 1022 1400		449 911 2228 2263	597,911sp
2227-399 R	PKS MD3:45	22 27 44.94 -39 58 16.7	22 30 40.23 -39 42 52.1	18.5 *				0.323	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 NeIII 3968		025 1948	058 430 478 479 1022 1400	025	846 904	886ir,865pos, 940ext,478fc, 1526vlbi z in 1948 differs (1.38)
2227-445 R	PKS	22 27 57.49 -44 31 55.6	22 30 56.46 -44 16 30.5	18.1				1.326	C IV 1549 Mg II 2798		421	1861		1861	

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2227-412 O	MD3:46	22 27 59.74 -41 14 54.5	22 30 55.97 -40 59 29.4	20.1						1.75	C III 1909		1948 1948					1948phot mag
2228-391 O	MD3:47	22 28 0.44 -39 9 12.6	22 30 55.06 -38 53 47.5	19.6						1.46	C IV 1549		1948 1948					1948phot mag
2228-405 O		22 28 10.9 -40 33 32	22 31 6.55 -40 18 6.6	19.6						3.15 +	H I 1216 Si IV 1397 O IV 1402 C IV 1549		430 449 430 442 479 1022 1400				479	597,911sp
2228-387 O	MD3:48	22 28 11.37 -38 42 10.7	22 31 5.62 -38 26 45.3	18.4						1.65	C IV 1549 C III 1909		1948 1948					1948phot mag
2228-403 O	MD3:49	22 28 24.98 -40 18 13.7	22 31 20.38 -40 2 47.9	18.0						1.118+	C IV 1549 C III 1909 Mg II 2798		1400 1400 1948				1400	z in 1948 differs (1.61)
2228-396 O		22 28 29.9 -39 39 19	22 31 24.79 -39 23 53.1	19.0						1.816+	C IV 1549 C III 1909		1400 1400					1400BAL
2228-396 O		22 28 35.3 -39 36 19	22 31 30.13 -39 20 53.0	19.8						2.08	H I 1216 C IV 1549		430 430 479 1022 1400					
2228-399 O		22 28 40.1 -39 57 49	22 31 35.18 -39 42 22.8	20.5						2.30	H I 1216 C IV 1549		430 430 479 1022					
2228-399 O	MD3:50	22 28 40.22 -39 54 20.3	22 31 35.26 -39 38 54.1	18.3						2.200+	H I 1216 C IV 1549		430 430 1948 478 479 1022 1400 1948				479 1400	478fc
2228-393 O		22 28 44 -39 20 6	22 31 38.60 -39 4 39.7	20.4						1.51	H I 1216 C IV 1549		430 1022 430 479 1400					
2228-413 O	MD3:51	22 28 45.51 -41 20 10.0	22 31 41.63 -41 4 43.6	19.6						2.47	H I 1216 O IV 1402		1948 1948					1948phot mag
2228-397 O	MD3:52	22 28 59.98 -39 42 12	22 31 54.79 -39 26 45.3	19.4						2.06	H I 1216 C IV 1549 He II 1640		430 430 1948 479 1022 1400 1948					
2229-400 O		22 29 0.7 -40 4 53	22 31 55.79 -39 49 26.2	19.5						1.546+	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1400 1400				1400	
2229-424 O		22 29 16.8 -42 25 24	22 32 13.66 -42 9 56.8	19.0						(2.24)			1400 1400					
2229-420 O	MD3:53	22 29 17.84 -42 5 57.7	22 32 14.43 -41 50 30.4	19.7						2.40	H I 1216 C IV 1549		1948 1948					1948phot mag
2229-402 O	MD3:54	22 29 24.59 -40 12 14.5	22 32 19.69 -39 56 47.1	20.2						1.98	H I 1216		1948 1948					1948phot mag
2229+009 O		22 29 50.72 0 54 28.8	22 32 24.04 1 9 56.5	18.1						0.18			2043 2043					2043B(J)mag
2229-378 O	MD3:55	22 29 53.80 -37 52 38.0	22 32 47.10 -37 37 9.8	19.7						2.33	H I 1216 C IV 1549		1948 1948					1948phot mag
2229-421 O	MD3:56	22 29 54.14 -42 11 48.3	22 32 50.66 -41 56 20.0	20.0						1.20	C IV 1549 C III 1909		1948 1948					1948phot mag
2229-374 O	MD3:57	22 29 54.57 -37 24 45.0	22 32 47.54 -37 9 16.8	19.4						1.53	C IV 1549		1948 1948					1948phot mag

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R	ABS	
2230+025 O		22 30 2.68 2 32 27.0	22 32 35.29 2 47 55.0	18.0					2.147+			2043	2043 LBQS				2043B(J)mag Ly alpha abs
2230+114 R X	CTA 102 4C 11.69 PKS OY 150 MC 2 DA 582	22 30 7.84 11 28 22.8	22 32 36.45 11 43 50.8	17.66*	.42	-.79	1.037		C III 1909 Mg II 2798			136	012	249 290 529 760 875 1068 1902	128 789 801 834 882 934 1148	1873	136ubv,703, 900,1626,1988, 2062,2103pol, 1320rpol,879, 936,1119,1173, 1225,1336rvar, 912,1241, 1980x,324,335, 836,1032sp, 749pos,050, 182fc, 836FeIIem, 1526vlbi, 1789mm IRAS source, 1806; superluminal source; 5.53 arcmin from NGC 7305,2118
2230-426 O	MD3:58	22 30 14.74 -42 36 19.8	22 33 11.51 -42 20 51.0	20.1					1.88	H I 1216		1948	1948				1948phot mag
2230-019 O		22 30 27.14 -1 57 31.3	22 33 1.72 -1 42 2.6	17.9					1.286			2043	2043				2043B(J)mag
2230-372 O	MD3:59	22 30 40.93 -37 15 41.5	22 33 33.64 -37 0 12.0	19.0					1.63	C IV 1549 C III 1909		1948	1948				1948phot mag
2230-008 O		22 30 43.36 -0 53 27.8	22 33 17.47 -0 37 58.7	18.5					1.274			2043	2043 LBQS				2043B(J)mag
2231-361 A11.31		22 31 2.9 -36 8 7	22 33 54.78 -35 52 36.9	17.9					1.91			2277	2277				
2231-008 O		22 31 25.85 -0 48 46.0	22 33 59.93 -0 33 15.7	17.6					1.209			2043	2043 LBQS				2043B(J)mag
2231-415 O	MD3:60	22 31 29.15 -41 34 16.7	22 34 24.80 -41 18 45.9	20.1					2.10	H I 1216		1948	1948				1948phot mag
2231-002 O		22 31 35.13 -0 15 29.2	22 34 8.97 0 0 1.3	17.5					3.015			2043	2043 LBQS				2043B(J)mag
2231-419 O	MD3:61	22 31 36.38 -41 55 0.2	22 34 32.27 -41 39 29.2	19.9					2.46	H I 1216		1948	1948				1948phot mag
2231-372 O	MD3:62	22 31 40.56 -37 15 50.7	22 34 33.07 -37 0 19.6	18.2					0.85	C III 1909 Mg II 2798		1948	1948				1948phot mag
2231+014 O		22 31 42.07 1 25 40.9	22 34 15.18 1 41 11.6	18.2					1.908			2043	2043 LBQS				2043B(J)mag
2231-022 O		22 31 52.59 -2 12 9.5	22 34 27.27 -1 56 38.5	18.1					1.905			2043	2043 LBQS				2043B(J)mag
2232-399 O		22 32 0.9 -39 58 16	22 34 55.23 -39 42 44.3	20.0					1.407	C IV 1549 C III 1909		1400	1400				
2232+132 O		22 32 5.7 13 16 31	22 34 33.60 13 32 2.2	20.0					0.760*	C III 1909 Mg II 2798		1438	1438 1692 1723			1438	1723BAL
2232-488 R	PKS	22 32 11.47 -48 51 31.4	22 35 13.25 -48 35 59.3	17.2					0.510	Mg II 2798 H I 4861		1898	1251			1251	1526vlbi, 1898pos
2232-211 R	PKS	22 32 15.3 -21 10 53	22 34 58.55 -20 55 21.2	18.3					1.443	Si IV 1397 O IV 1402 C IV 1549 C III 1909		494	1304			1518	761sp
2232+131 O		22 32 28.4 13 8 18	22 34 56.39 13 23 49.8	20.2					(2.1)	H I 1216 C IV 1549		1438	1438				

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
2232-390 O	MD3:63		22 32 29.69 -39 3 51.4	22 35 23.27 -38 48 19.0	19.7					2.24	H I 1216 C IV 1549		1948	1948			1948phot mag
2232-390 O			22 32 30 -39 4 18	22 35 23.58 -38 48 45.6	18.7					1.58	C IV 1549 C III 1909		478	478 1400			
2232+131 O			22 32 39.3 13 10 57	22 35 7.28 13 26 29.1	21.2					(2.2)	H I 1216 C IV 1549		1438	1438			
2232+134 O			22 32 50.5 13 24 35	22 35 18.39 13 40 7.4	19.2					1.021	C III 1909 Mg II 2798		1438	1438 1692			
2232+131 O			22 32 58.0 13 9 11	22 35 26.01 13 24 43.6	17.6					1.597	C IV 1549 C III 1909		1438	1438 1692			
2233+399 R	UT		22 33 4.2 39 54 35	22 35 17.45 40 10 7.4	18.5					2.09	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1437	1437			
2233-418 O	MD3:64		22 33 12.27 -41 52 48.0	22 36 7.75 -41 37 14.4	20.1					2.43	H I 1216 C IV 1549		1948	1948			1948phot mag
2233-385 O	MD3:65		22 33 21.76 -38 33 56.2	22 36 14.80 -38 18 22.4	19.8					2.25	H I 1216 C IV 1549		1948	1948			1948phot mag
2233+134 C X R	PG		22 33 39.8 13 28 21	22 36 7.72 13 43 54.7	16.04					0.325*	Mg II 2798 H I 4340 H I 4861		1117	1723 1117 1438 1692		2011	1487,1980, 2112x,1598sp, 1630,1700imag, 1729,2005ir, 1723BAL faint gals near,2118
2233-377 O			22 33 41.8 -37 46 25	22 36 34.23 -37 30 50.7	18.3					2.14	H I 1216 N V 1240 C IV 1549		478	478 1400			846rnd
2233-399 O	MD3:66		22 33 48.44 -39 57 44.8	22 36 42.36 -39 42 10.3	19.6					2.37	H I 1216		1948	1948			1948phot mag
2233+131 O			22 33 51.1 13 10 46	22 36 19.16 13 26 20.0	18.8					3.298*	H I 1216 Si IV 1397 O IV 1402 C IV 1549	3.1519 2.8284 2.4915 1.0260	1438	1874 1438 1692 2281		1874 2228 2263	Ly limit abs, z=3.165,1874; damped Ly alpha, 2243
2233-376 O	MD3:67		22 33 54.11 -37 39 36.5	22 36 46.42 -37 24 1.9	19.8					1.88	H I 1216		1948	1948			1948phot mag
2233+136 O			22 33 59.4 13 41 39	22 36 27.24 13 57 13.2	20.0					3.209*	H I 1216 Si IV 1397 O IV 1402 C IV 1549	2.8894 1.8411 1.2655 1.0958	1438	1874 1438 1692		1874 2228 2263	Ly limit abs, z=3.035,1874, 2125
2234+282 R X	B2 CTD 135		22 34 1.7 28 13 21	22 36 22.45 28 28 55.1	19					0.795	C III 1909 Mg II 2798		434	443 1544 1888			1201pol,831sp, 1201x, 1526vlbi, 1805mmvar, 1789mm IRAS source, 1806
2234+132 O			22 34 4.0 13 16 27	22 36 32.03 13 32 1.3	20.0					(0.405)			1438	1438 1692			
2234-386 O	MD3:68		22 34 4.38 -38 38 59.1	22 36 57.33 -38 23 24.2	20.1					2.01	H I 1216		1948	1948			1948phot mag
2234-395 O	MD3:69		22 34 19.08 -39 33 25.6	22 37 12.60 -39 17 50.3	20.0					1.82	H I 1216 O IV 1402		1948	1948			1948phot mag
2234+136 O			22 34 20.3 13 40 4	22 36 48.17 13 55 38.8	20.0					(0.295)			1438	1438 1692			
2234+135 O			22 34 52.7 13 32 8	22 37 20.67 13 47 43.6	19.2					0.384	Mg II 2798		1438	1438 1692			

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2234+021 O		22 34 54.02 2 8 22.2	22 37 26.85 2 23 58.0	18.4			1.294			2043 2043 LBQS					2043B(J)mag
2234-409 O	MD3:70	22 34 57.91 -40 57 39.4	22 37 52.28 -40 42 3.0	20.1			1.53	C IV 1549 C III 1909		1948 1948					1948phot mag
2234-384 O	MD3:71	22 34 58.83 -38 24 29.5	22 37 51.42 -38 8 53.2	20.2			2.34	H I 1216 C IV 1549		1948 1948					1948phot mag
2234-373 O	MD3:72	22 34 59.19 -37 22 25.2	22 37 51.09 -37 6 48.9	20.1			1.90	H I 1216		1948 1948					1948phot mag
2235+009 O		22 35 0.81 0 54 58.4	22 37 34.15 1 10 34.4	18.5			0.529			2043 2043 LBQS					2043B(J)mag
2235-401 C	QSI2:15	22 35 32.1 -40 6 56	22 38 25.74 -39 51 18.8	20.07		-1.00	(1.455)	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
2235-401 C	QSI2:18	22 35 39.6 -40 9 16	22 38 33.24 -39 53 38.6	20.03		-1.20	1.388	C III 1909		2058 2058					2058Bmag, 2058ubv
2235-390 O		22 35 44.9 -39 0 3	22 38 37.72 -38 44 25.5	17.6			0.79	Mg II 2798		478 478 1400					846rnd
2235-012 O		22 35 49.03 -1 12 45.2	22 38 23.26 -0 57 8.0	18.2			0.361			2043 2043 LBQS					2043B(J)mag
2236-242 O	UM 656	22 36 12.5 -24 16 36	22 38 56.82 -24 0 57.9	18.1			2.45	H I 1216 N V 1240 C IV 1549		1025 1025					
2236-411 O	MD3:73	22 36 36.28 -41 8 21.8	22 39 30.39 -40 52 42.9	19.6			2.04	H I 1216 He II 1640		1948 1948					1948phot mag
2236-015 O		22 36 40.37 -1 34 57.1	22 39 14.74 -1 19 18.5	18.5			1.066			2043 2043 LBQS					2043B(J)mag
2236-003 O		22 36 45.45 -0 23 57.0	22 39 19.34 -0 8 18.3	18.5			1.500			2043 2043 LBQS					2043B(J)mag
2236-416 O	MD3:74	22 36 57.84 -41 38 18.9	22 39 52.23 -41 22 39.5	20.1			1.67	C IV 1549 C III 1909		1948 1948					1948phot mag
2236-392 C	QSI4:15	22 36 58.6 -39 14 28	22 39 51.31 -38 58 48.6	19.88		-0.20	1.056	C III 1909		2058 2058					2058Bmag, 2058ubv
2237-025 O		22 37 14.14 -2 34 6.6	22 39 48.91 -2 18 27.2	18.5			1.050			2043 2043 LBQS					2043B(J)mag
2237-396 C	QSI4:40 MD3:75	22 37 32.4 -39 40 59	22 40 25.28 -39 25 18.7	19.11		-1.50	1.844	C IV 1549 C III 1909		1948 1948 2058 2058					2058Bmag, 2058ubv 1948phot mag
2237-387 O	MD3:76	22 37 33.99 -38 47 34.4	22 40 26.27 -38 31 54.1	20.2			2.12	H I 1216		1948 1948					1948phot mag
2237-393 C	QSI4:13	22 37 37.0 -39 18 14	22 40 29.61 -39 2 33.6	19.20		-0.50	2.168	H I 1216 C IV 1549		2058 2058					2058Bmag, 2058ubv
2237-395 C	QSI4:38	22 37 38.3 -39 35 25	22 40 31.10 -39 19 44.6	19.37		-0.30	2.034	C IV 1549		2058 2058					2058Bmag, 2058ubv
2237-393 C	QSI4:12	22 37 42.6 -39 18 35	22 40 35.19 -39 2 54.5	19.11		-0.80	0.713	Mg II 2798		2058 2058					2058Bmag, 2058ubv
2237-393 C	QSI4:14	22 37 52.6 -39 18 22	22 40 45.16 -39 2 41.2	19.25		-1.50	1.871	C IV 1549 C III 1909		2058 2058					2058Bmag, 2058ubv
2237+003 O		22 37 52.7 0 23 59.4	22 40 26.27 0 39 39.8	18.4			(2.2)	H I 1216 C IV 1549		1438 1438					
2237-395 C	QSI4:37	22 37 56.5 -39 34 28	22 40 49.22 -39 18 47.1	18.19		-0.50	2.024	C IV 1549		2058 2058					2058Bmag, 2058ubv



TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)			DEC (2000)									ID	Z	VAR	R	
2237+030		22 37 57.3 3 5 49	22 40 29.78 3 21 29.5	16.78	.65		1.695+	H I 1216 Si IV 1397 C IV 1549 C III 1909	1.6970 1.6940 0.5664	1434 1434	1434 2048 2263	1868,2221, 2256imag, 2174varnd, 2222phot, 2223sp grav lens,1854 1918,1964,2008 2295; 4 components, 1868;microlens 2044;0.0arcsec from anon gal, 0.0394zgal, 2118						
2238-403 C	QSI2:30	22 38 0.2 -40 21 16	22 40 53.44 -40 5 35.0	19.80		-.40	(0.494)	Mg II 2798		2058 2058		2058Bmag, 2058ubv						
2238+004 O		22 38 6.6 0 24 44.2	22 40 40.16 0 40 24.9	20.5		(2.2)		H I 1216		1438 1438								
2238-402 C	QSI2:43	22 38 16.1 -40 16 3	22 41 9.22 -40 0 21.6	20.11		-1.50	1.923	C III 1909		2058 2058		2058Bmag, 2058ubv						
2238-399 C	QSI2:12	22 38 17.3 -39 59 54	22 41 10.23 -39 44 12.6	19.52		-.70	1.675	C IV 1549 C III 1909		2058 2058		2058Bmag, 2058ubv						
2238+015 O		22 38 19.56 1 33 45.1	22 40 52.66 1 49 26.1	18.1			0.714			2043 2043 LBQS		2043B(J)mag						
2238-423 O	MD3:77	22 38 41.70 -42 18 58.8	22 41 36.15 -42 3 16.7	19.7			2.44	H I 1216		1948 1948		1948phot mag						
2238-175 O	UM 657 PHL 373	22 38 43.6 -17 30 4	22 41 24.52 -17 14 22.2	17.2			1.36	C IV 1549		1025 1025 1871								
2238-412 O	MD3:78	22 38 54.53 -41 15 2.3	22 41 48.17 -40 59 19.9	19.5			1.829*	N V 1240 C IV 1549 C III 1909 Mg II 2798	1.7 1948 471 1400 1948	471 1208,1514BAL, 1213rnd z(abs) 1.751- 1.60,471								
2238+001 O		22 38 54.7 0 7 25.0	22 41 28.38 0 23 6.9	20.3		(2.2)		H I 1216 C IV 1549		1438 1438								
2239-386 O		22 39 0 -38 36 0	22 41 51.84 -38 20 17.5			3.511*			2.6006 2.3765 1.0328	2059 2059 2125 2228 2263								
2239+002 O		22 39 0.6 0 12 58.4	22 41 34.24 0 28 40.5	20.0		(2.1)		H I 1216 C IV 1549		1438 1438								
2239-417 O	MD3:78	22 39 4.35 -41 43 48.6	22 41 58.29 -41 28 6.0	18.6			1.45	C IV 1549		1948 1948		1948phot mag						
2239+001 O		22 39 13.64 0 7 11.9	22 41 47.32 0 22 54.3	18.4			1.44			1438 2043 2043								
2239-421 O	MD3:79	22 39 15.18 -42 11 4.1	22 42 9.40 -41 55 21.2	20.2			1.44	C IV 1549		1948 1948		1948phot mag						
2239+096 R	PKS	22 39 19.85 9 38 9.9	22 41 49.72 9 53 52.4	19.5			1.707	H I 1216 O IV 1402 C IV 1549 C III 1909 Mg II 2798		412 1861 1861								
2239+004 O		22 39 26.4 0 26 53.0	22 41 59.95 0 42 35.7	21.0		(2.1)		H I 1216 C IV 1549		1438 1438								
2239+007 O		22 39 30.5 0 43 32.4	22 42 3.94 0 59 15.2	19.8		(2.4)		H I 1216		1438 1438								
2239-009 O		22 39 32.92 -0 55 31.3	22 42 7.01 -0 39 48.4	18.1			0.680			2043 2043 LBQS		2043B(J)mag						
2239-369	A11.17	22 39 40.1 -36 59 59	22 42 30.79 -36 44 15.6	18.4			2.8			2277 2277								

TABLE 1—Continued

	OTHER NAMES	RA (1950)	RA (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R	
2239+002 O		22 39 43.75 0 12 50.6	22 42 17.39 0 28 33.7	18.1			1.234			2043	2043 LBQS		2043B(J)mag	
2239-409 O	MD3:80	22 39 45.61 -40 58 46.6	22 42 38.86 -40 43 3.0	19.0			1.29	C IV 1549		1948	1948		1948phot mag	
2239+001 O		22 39 59.6 0 11 26.7	22 42 33.25 0 27 10.2	20.0			(2.0)	H I 1216 C IV 1549		1438	1438			
2240+003 O		22 40 0.6 0 23 59.7	22 42 34.17 0 39 43.3	21.1			(3.0)	O VI 1034 H I 1216		1438	1438			
2240-419 O		22 40 1.2 -41 57 28	22 42 55.07 -41 41 44.0	18			2.08	H I 1216 N V 1240 C IV 1549		478	478 1400		846rnd	
2240+007 O		22 40 5.1 0 42 42.2	22 42 38.55 0 58 25.9	21.1			(2.0)	H I 1216 C IV 1549		1438	1438			
2240-388 O	MD3:81	22 40 29.89 -38 50 23.4	22 43 21.56 -38 34 38.7	19.1			2.01	H I 1216 C III 1909		1948	1948		1948phot mag	
2240-260 O	PKS OY 268	22 40 41.82 -26 0 14.6	22 43 26.41 -25 44 29.8	17.5			0.774			2121	2121			
2240-370 O		22 40 55.4 -37 2 50	22 43 45.86 -36 47 4.7	18			1.831*	N V 1240 Si II 1263 Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798	1.8316 1.8 1.76 1.7 1.62	471 471 1400		471 1394	1208,1514BAL, 1213rnd z(abs) 1.82- 1.58,471	
2241-020 O		22 41 20.47 -2 1 6.0	22 43 54.98 -1 45 20.5	17.5			1.409			2043	2043 LBQS		2043B(J)mag	
2241+002 O		22 41 21.2 0 14 19	22 43 54.84 0 30 4.5	17.6			2.131			2216 2274	2216 2274			
2241-404 O	MD3:82	22 41 21.69 -40 28 21.0	22 44 14.23 -40 12 35.1	18.3			1.19	C IV 1549		1948	1948		1948phot mag	
2241-028 O		22 41 43.58 -2 53 23.6	22 44 18.42 -2 37 37.5	17.9			0.12			2043	2043		2043B(J)mag	
2241+002 O		22 41 57.85 0 16 39.4	22 44 31.47 0 32 25.8	18.3			1.394+			2043	2043 LBQS		2043BAL?, 2043B(J)mag	
2242-399 O	MD3:84	22 42 35.51 -39 58 25.9	22 45 27.44 -39 42 38.2	19.5			2.700+	O VI 1034 H I 1216 Si IV 1397 O IV 1402 C IV 1549		1400 1948	1400 1948		1400	
2243-032 R	PKS 4C 03.81 PB 7191	22 43 36.3 -3 16 28	22 46 11.26 -3 0 39.2	19.1 *			1.348	C IV 1549 C III 1909 Mg II 2798		086	748 1181 1181		1526vlbi ref 009 z is incorrect,1898	
2243-123 R	PKS PB 7192 OY 172.6	22 43 39.79 -12 22 39.7	22 46 18.23 -12 6 50.8	16.45*	.18	-.61	0.63	Mg II 2798 O III 3133		188	058 1800 1162		1188,2229sp, 1305ir, 1485ubv, 1526vlbi, 1789mm,1800, 2103pol, 1810pos	
2243-387 O	MD3:83	22 43 53.69 -38 43 2.2	22 46 44.54 -38 27 12.7	19.4			2.16	H I 1216 C IV 1549		1948	1948		1948phot mag	
2243-387 O	B09.08	22 43 53.7 -38 42 32	22 46 44.54 -38 26 42.5	18.7			2.19			2277	2277			
2243-417 O	MD3:84	22 43 55.63 -41 46 22.9	22 46 48.42 -41 30 33.3	20.0			2.29	H I 1216		1948	1948		1948phot mag	
2243+016 O		22 43 55.65 1 41 39.6	22 46 28.75 1 57 28.8	18.3			2.314			2043	2043 LBQS		2043B(J)mag	

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES	
2243-376 O	MD3:85	22 43 59.38 -37 38 19.7	22 46 49.56 -37 22 30.1	20.0			2.18	H I 1216 He II 1640		1948	1948	1948phot mag	
2244-223 O	UM 658	22 44 9.5 -22 18 58	22 46 51.98 -22 3 8.3	18.1			2.852	H I 1216 N V 1240 Si IVb 1400 C IV 1549		1025	1025 2130		
2244-025 O		22 44 10.52 -2 34 6.6	22 46 45.21 -2 18 17.0	18.5			1.962			2043	2043 LBQS	2043B(J)mag	
2244+003 O		22 44 12.09 0 20 39.9	22 46 45.69 0 36 29.5	17.5			0.973			2043	2043 LBQS	2043B(J)mag	
2244-372 R	PKS	22 44 14.10 -37 13 35.0	22 47 3.98 -36 57 45.0	19.0			2.252	H I 1216 N V 1240 C IV 1549		767	767 1304	023 767	761sp
2244-010 O		22 44 15.07 -1 5 43.9	22 46 49.21 -0 49 54.3	18.0			2.030			2043	2043 LBQS	2043B(J)mag	
2244-003 O		22 44 36.45 -0 20 57.4	22 47 10.31 -0 5 7.3	17.9			1.051			2043	2043 LBQS	2043B(J)mag	
2244-412 O	MD3:88	22 44 41.09 -41 13 6.2	22 47 33.33 -40 57 15.6	18.4			1.44	C IV 1549		1948	1948	1948phot mag	
2244-394 O	MD3:89	22 44 43.15 -39 29 13.3	22 47 34.28 -39 13 22.6	19.6			1.83	H I 1216 O IV 1402		1948	1948	1948phot mag	
2244-021 O		22 44 48.11 -2 8 18.4	22 47 22.63 -1 52 28.0	17.8			1.968			2043	2043 LBQS	2043B(J)mag	
2245-009 O		22 45 5.18 -0 55 43.5	22 47 39.25 -0 39 52.7	17.4			0.801			2043	2043 LBQS	2043B(J)mag	
2245+006 O		22 45 8.12 0 39 6.4	22 47 41.61 0 54 57.3	18.5			0.364			2043	2043 LBQS	2043B(J)mag	
2245-379 O	MD3:90	22 45 11.86 -37 59 34.2	22 48 1.99 -37 43 42.9	18.4			2.00	H I 1216		1948	1948	1948phot mag	
2245-379	B09.07	22 45 11.9 -37 59 20	22 48 2.03 -37 43 28.7	17.6			2.02			2277	2277		
2245-393 O	MD3:91	22 45 14.12 -39 18 19.0	22 48 5.03 -39 2 27.6	20.1			2.84	H I 1216		1948	1948	1948phot mag	
2245-128 R	PKS PB 7212	22 45 16.5 -12 53 8	22 47 55.04 -12 37 16.8	19.1			1.892	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		296	1304	1518	761sp, 1526vlbi
2245-389 O	MD3:92	22 45 30.26 -38 54 56.1	22 48 20.87 -38 39 4.4	19.5			2.54	H I 1216		1948	1948	1948phot mag	
2245-328 R	PKS	22 45 51.48 -32 51 44.2	22 48 38.66 -32 35 52.0	18.6			2.268	H I 1216 N V 1240 O IV 1402 C IV 1549 C III 1909		025	500	384	761,1304sp, 1004fc, 1526vlbi, 1810pos, 2103pol
2246-309 R	PKS	22 46 32.5 -30 55 0	22 49 18.59 -30 39 6.9	17			1.307	C IV 1549 C III 1909		025	024	384	761,1304sp
2246-361	A11.35	22 46 38.5 -36 7 3	22 49 27.26 -35 51 9.7	18.1			2.7			2277	2277		
2246-389 O		22 46 56.3 -38 56 20	22 49 46.60 -38 40 26.3	17.9			2.12	H I 1216 N V 1240 C IV 1549		478	478	2020	846rnd, 2020sp
2246-001 O		22 46 57.17 -0 6 58.0	22 49 30.94 0 8 55.3	18.5			2.051			2043	2043 LBQS	2043B(J)mag	
2247+015 O		22 47 2.40 1 35 54.9	22 49 35.56 1 51 48.3	17.8			1.128			2043	2043 LBQS	2043B(J)mag	

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS	NOTES
2247+132	4C 13.84 R OY 179 PKS	22 47 16.08 13 15 15.5	22 49 44.98 13 31 9.1	18			0.767	C III 1909 Mg II 2798 O II 3727		048 443	1111 1804	831sp,1111fc, 1526vlbi
2247-423	MD3:93 O	22 47 29.92 -42 22 4.9	22 50 22.21 -42 6 10.4	18.7			1.04	C III 1909		1948 1948		1948phot mag
2247-396		22 47 56.1 -39 40 55	22 50 46.62 -39 24 60.0	19.4			2.61	H I 1216 N V 1240 C IV 1549		478 478		846rnd
2247+140	4C 14.82 R PKS OY 181	22 47 56.76 14 3 55.4	22 50 25.40 14 19 49.9	16.93	.22	-.89	0.237	Mg II 2798 O II 3727 NeIII 3968 S II 4071 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		124 020 436	529 789 1171 2000	705,1202pol, 939,1026ext, 1194,1207, 1261,1630, 1884imag, 1478fc, 1485subv, 1526vlbi faint gals near,2118
2248+192	4C 19.74 R VR19.22.03 OY 182	22 48 6.19 19 15 25.1	22 50 32.83 19 31 19.8	18.5			1.798*	H I 1216 Si IV 1397 C IV 1549 He II 1640 C III 1909	1.2701	124 009 436 2049 2281	789 2049 1818 2263	1818,1891pos
2248+014		22 48 6.72 1 27 50.1	22 50 39.93 1 43 45.0	18.2			2.559+			2043 2043 LBQS		2043B(J)mag Ly alpha abs
2249+018		22 49 2.39 1 51 35.9	22 51 35.47 2 7 32.0	18.3			0.371			2043 2043 LBQS		2043B(J)mag
2249+185	3CR 454 R 4C 18.67 PKS MC 3 NRAO 699	22 49 7.74 18 32 43.9	22 51 34.76 18 48 40.0	18.47*	.12	-.95	1.761*	H I 1216 C IV 1549 He II 1640 O III 1663 C III 1909 Mg II 2798	1.7676 1.1048 0.7820	064 098 2049 290 2281 529 760 789 882 916 1393 1585 1818 1891 1976 2000 2013	249 128 1749 462 2049 787 2263	003subv,831sp, 050,301,529fc
2249-019		22 49 22.03 -1 54 56.1	22 51 56.43 -1 38 59.5	18.3			0.832			2043 2043 LBQS		2043B(J)mag
2249+025		22 49 33.71 2 34 4.4	22 52 6.55 2 50 1.2	18.4			0.284			2043 2043 LBQS		2043B(J)mag
2250-000		22 50 17.70 -0 2 18.8	22 52 51.45 0 13 38.9	18.3			1.572			2043 2043 LBQS		2043B(J)mag
2250-372	A11.09	22 50 22.2 -37 13 54	22 53 10.80 -36 57 55.8	18.2			3.2			2277 2277		
2250-391		22 50 43.9 -39 8 49	22 53 33.47 -38 52 50.3	18.8			2.35	H I 1216 N V 1240 C IV 1549		478 478		846rnd
2250-360	A11.45	22 50 56.7 -36 2 36	22 53 44.56 -35 46 37.1	18.9			2.08			2277 2277		

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
2251+158	3CR 454.3	22 51 29.55	22 53 57.78	16.1 *	.47	-.66	0.859	C III 1909				066	002	007	128	1873	003,007,
R	4C 15.76	15 52 54.6	16 8 53.7					Mg II 2798					005	066	462		233ubv,004,
X	PKS							H I 4340						183	789		183,703,705,
	OY 185													212	816		900,1541,1626,
	NRAO 701													247	834		1730,1988,
	DA 586													248	837		2062,2103pol,
	MC 3													252	898		836,958FeIIem,
														253	934		1320,1388rpol,
														290	993		801,879,887,
														291	1128		910,936,1119,
														292	1152		1173,1204,
														529	1167		1225,1322,
														754	1212		1336,1595,
														755	1229		1721rvar,
														920	1252		1357mf,1028,
														1068	1367		1789mm,1088,
														1142	1543		1107,1980x,
														1657	1544		324,836,958sp,
														1802	1557		781,799,1589,
														1834	1771		1617,2021ir,
														1933	1792		749pos,232,
														2054	1807		1478fc,1466,
															1930		1526,1743,
															2009		1919vlbi,
															2013		1805mmvar,
															2070		1852phot
															2085		IRAS source,
																	1806;faint
																	gals near,2118
2251+113	PKS	22 51 40.56	22 54 10.43	15.77*	.17	-.87	0.323	Mg II 2798				055	054	080	128		055,1485ubv,
R	4C 11.72	11 20 39.6	11 36 39.0					O III 3133				1438		212	775		004,080,705,
X	OY 186							H I 4340						247	789		1202pol,1183,
	PG							O III 4363						248	1111		1487,2112x,
								H I 4861						252	1170		1223,1362ext,
								O III 4959						290	1888		038,324,336,
								O III 5007						529	2011		1032,1117,
														920			1922,2047sp,
														1068			1073,1355,
																	1693,1941uv,
																	799,1617,1729,
																	2005ir,749pos,
																	873xnd,1600,
																	1630imag,111,
																	219,320fc
																	0.47,0.68,4.2,
																	10.4,11.0
																	arcmin from 5
																	anon gals,
																	0.3228,0.3312,
																	0.0360,0.0273,
																	0.0285rgals,
																	1650,2118
2251+244	4C 24.61	22 51 44.32	22 54 9.27	17.8			2.327*	H I 1216	2.3638			033	032		462	032	831,1032,
R	PKS	24 29 24.7	24 45 24.1					N V 1240	2.3524						462	327	1181sp,
	CTD 136							Si IV 1397	2.1554						748	2049	1201pol,
	VR24.22.05							O IV 1402	1.7495						800	2228	1617ir,
	DA 587							C IV 1549	1.0901						816	2263	1526vlbi,2010,
	OY 286							C III 1909							1818		2266imag,
	B2														1891		202fc
	GC														2162		
2251+134	4C 13.85	22 51 51.93	22 54 21.07	19.25			0.673	Mg II 2798				124	436		789		1526vlbi
R		13 25 49.1	13 41 48.7					O II 3727					443		1111		
								NeIII 3869							1145		
															1888		
2252+129	3CR 455	22 52 34.53	22 55 3.89	19.7			0.543	Mg II 2798				234	234		128		1194imag,
R	4C 12.79	12 57 33.5	13 13 34.0					O II 3727							462		513fc
	PKS														774		0.4arcmin from
	OY 188														775		NGC 7413, 4.35
	NRAO 702														787		arcmin from
	DA 588														1804		NGC 7414,2118
															1891		
															2013		
2253+417	OY 489	22 53 19.8	22 55 36.67	18.8			1.476	C IV 1549				507	538		1521		1526vlbi
R	GC	41 46 53	42 2 54.2					C III 1909									

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
2254-393 O			22 54 5.5 -39 22 56	22 56 54.44 -39 6 53.2	18.6					2.28	H I 1216 N V 1240 C IV 1549		478	478			846rnd
2254+024 R X GC PB 5195		PKS OY 091.3	22 54 44.62 2 27 13.8	22 57 17.57 2 43 17.1	17.07					2.091	H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909		083	083 569 748 2251	023 128 789 1170	1513elp,912, 1980x,1032, 1181sp, 1526vlbi 1902avg ph mag	
2254+074 BL Lac R X		OY 091 PKS	22 54 46.01 7 27 9.3	22 57 17.34 7 43 12.5	17.03*	.66	-.44						165		875 1200 970 1367 1068 1902 2054 2073		323ubv,323, 1626,1988, 2046,2062pol, 1086rvar,778, 1057,1307, 2112x,1164mf, 781,1012, 1617ir,009, 044,493,761sp, 749pos, 1526vlbi, 213fc,1902ovv 0.19zgal,1850; 0.17zgal,1786; IRAS source, 1806; 1902avg Bmag
2255-282 R		PKS	22 55 22.48 -28 14 26.0	22 58 5.98 -27 58 21.7	16.77	.58	-.89	0.926+	C III 1909 Mg II 2798				188	024 058	1162	058	1526vlbi, 2103pol,761, 1304sp,1305ir, 1485ubv, 1789mm, 1810pos
2256+017 R		PKS	22 56 24.59 1 47 36.7	22 58 57.77 2 3 42.0	18.5					2.663+	O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909		045	020 044	789	986	582,986sp, 1092ir, 1526vlbi
2257-344		A12.03	22 57 16.0 -34 29 10	23 0 1.86 -34 13 3.5	19.2					2.20			2277	2277			
2257+157 C		NGC 7448 UB 1	22 57 36 15 42 48	23 0 4.78 15 58 54.5	19.2					1.66			540	540			32.17 arcmin from NGC 7448, 2.13 arcmin from NGC 7465, 3.17 arcmin from NGC 7464, 3.83 arcmin from NGC 7463, 2118
2257-270 R		PKS	22 57 42.8 -27 0 30	23 0 25.47 -26 44 23.0	20.3					1.481	C IV 1549 C III 1909		296	1304	1518		761sp
2258-391 O		MC	22 58 42.7 -39 10 12	23 1 30.48 -38 54 3.8	18					2.05	H I 1216 N V 1240 C IV 1549		478	478			846rnd
2259-374 O			22 59 12.1 -37 28 0	23 1 58.94 -37 11 51.2	19.0					1.09	C III 1909 Mg II 2798		980	980			
2259-349 O			22 59 42.3 -34 55 5	23 2 27.88 -34 38 55.7	19.8					2.77	H I 1216 C IV 1549		980	980			
2300-683 R		PKS	23 0 28.5 -68 23 56	23 3 44.18 -68 7 45.5	16.38	.22	-.77	0.512	Mg II 2798 H I 4340 H I 4861 O III 5007				411	493			761,1304, 1420sp,780, 886,1617ir, 1485ubv, 1420FeIIem

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)			DEC (2000)									ID	Z	VAR	R	ABS	
2300-444 O		23 0 31.6 -44 26 38			23 3 21.73 -44 10 27.7			16.9	.50		1.943			1799	1799				393 kpc from Grus Cl,1799
2300-352 O		23 0 33.3 -35 12 48			23 3 18.84 -34 56 37.7			17.9			2.84 + H I C IV	1216 1549		980	980			980	
2300+345 UT R		23 0 59.7 34 30 38			23 3 21.96 34 46 48.2			18			2.49 H I C IV	1216 1549		1437	1437				
2301-441 O		23 1 0.2 -44 11 49			23 3 50.06 -43 55 38.2			18.4	.20		2.060			1799	1799				340 kpc from Grus Cl,1799
2301+003 O	PC	23 1 41.0 0 21 28			23 4 14.64 0 37 39.2			22.45			2.647 H I O IV C IV He II C III	1216 1402 1549 1640 1909		1517	1517				
2301+060 R	PKS	23 1 56.28 6 3 56.4			23 4 28.28 6 20 7.8			18.8			1.268 C IV He II C III Mg II	1549 1640 1909 2798		010	1861		1861		
2302+029 C R	PG PB 5235	23 2 12.0 2 55 34			23 4 44.91 3 11 45.7			16.03			1.052 Mg II	2798		1117	1117 2251		2011	2075	1218uv,1537, 1598sp, 1536ext,1729, 2005ir,2112x
2302-713 R	PKS	23 2 20.03 -71 19 23.3			23 5 41.26 -71 3 10.7			17.5	-.10	-.80	0.384 Mg II H I O III O III	2798 4861 4959 5007		103	094		103		235subv,411fc
2302-279 R	PKS	23 2 33.4 -27 55 2			23 5 15.71 -27 38 49.6			17.8			1.435 C IV C III Mg II	1549 1909 2798		296	500		500 1518		761,1304sp, 1352spvar
2303-784 R	PKS	23 3 0.3 -78 24 6			23 6 50.67 -78 7 52.4			15.44	.68	-.07	0.127			807	807				1485subv
2303-052 R	PKS 4C 05.95	23 3 40.13 -5 16 2			23 6 15.34 -4 59 48.7			19.5			1.139 C II Mg II Ar IV	2326 2798 2854		412	500		1111 1518 1976		761,1304sp, 1305ir,078fc, 1526vlbi
2303-391 O		23 3 50.5 -39 6 3			23 6 37.07 -38 49 49.2			17.7			0.36 Mg II	2798		478	478				846rnd
2303+183 R		23 3 53.63 18 23 47.2			23 6 22.10 18 40 0.6			18			1.557 C IV C III	1549 1909		476	476				
2304-423 O		23 4 29.1 -42 19 34			23 7 17.05 -42 3 19.5			17.9	.30		2.630 O VI H I N V C IV	1034 1216 1240 1549		478	1799 478				846rnd 415 kpc from Grus Cl,1799
2304-409 O		23 4 42.4 -40 56 12			23 7 29.62 -40 39 57.3			19.2			2.14 H I N V C IV	1216 1240 1549		478	478				846rnd
2305+187 R	4C 18.68 OZ 108 PKS NRAO 703 VR18.23.02	23 5 17.15 18 45 5.4			23 7 45.64 19 1 20.2			17.92*	.13	-.75	0.313 Mg II H I O III O III	2798 4861 4959 5007		009	009 2292	1902 2174	789 981 1111 1171 1638		705,1202pol, 749pos,939, 1026ext, 1485subv, 1922sp 1207,1259,1261 1470,1630,1700 imag/ext; 0.117 and 0.583 arcmin from 2 anon gals,0.2427, 0.2424zgals, 1650,2118; faint gals near,2118; 1902avg Bmag
2306-425 O		23 6 39.7 -42 33 51			23 9 27.20 -42 17 34.4			19.0	.10		1.841			1799	799				323 kpc from Grus Cl,1799

TABLE 1—Continued

OTHER NAMES		RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC (1950)			DEC (2000)										Z	VAR	R	ABS	
2307-422 O		23 7 11.6 -42 13 48	23 9 58.81 -41 57 30.8	19.4				2.23	H I 1216 N V 1240 C IV 1549		478 478								
2308+341 R B2		23 8 41.0 34 8 42	23 11 4.90 34 25 0.0	19.5				1.817	H I 1216 C IV 1549		009 009 443			1297		831sp			
2308+098 R OZ 014 MSH 23+03 PG		23 8 47.2 9 51 56	23 11 18.43 10 8 14.3	16.00	.15	-.77	0.432*	Mg II 2798 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007	-.0000	124 020 084 789 436 1145 1731 1586 2011	2174	775 560 2263			705,1202pol, 958, 1420FeIIem, 958,1117,1420, 1467sp,1194, 1700imag,1355, 1693,2061uv, 759varnd, 203fc,1451ubv, 2112x 0.15 arcmin from anon gal, 0.1726zgal, 1650,2118; faint gals near,2118				
2310-451 C14.27		23 10 6.9 -45 8 47	23 12 54.71 -44 52 27.1	18.2				1.92			2277 2277								
2310-322 R PKS		23 10 27.5 -32 14 7	23 13 10.03 -31 57 46.8	16.6				0.337	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		025 058 1304		384		761sp,780, 886ir				
2310+385 R UT		23 10 36.3 38 31 23	23 12 58.92 38 47 42.8	17.5				2.17	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1437 1437		2162						
2311+452 R PKS		23 11 21.80 45 12 10.0	23 13 41.68 45 28 30.4	19				2.883	O VI 1034 H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1986 1984								
2311-036 O UM 659		23 11 31.4 -3 41 56	23 14 6.03 -3 25 35.1	19.9				3.048*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.8405 1.5108 1.4524	1025 1874 1025 2281			1874 2263					
2311-424 O		23 11 37.9 -42 24 57	23 14 24.05 -42 8 35.7	19.1				2.17	H I 1216 C IV 1549		430 430 479 1022								
2311-379 O		23 11 49.1 -37 58 19	23 14 33.40 -37 41 57.6	18.7				1.56	C III 1909		478 478					846rnd			
2312-421 O		23 12 2.0 -42 11 53	23 14 47.95 -41 55 31.4	19.7				2.28	H I 1216 C IV 1549		430 1022								
2312-419 O		23 12 2.5 -41 57 1	23 14 48.34 -41 40 39.3	19				1.86	H I 1216 C IV 1549		430 430 479 1022								
2312-319 R PKS		23 12 6.33 -31 55 0.9	23 14 48.46 -31 38 39.3	18.5				0.284	Mg II 2798		025 1004					1004fc, 1526vlbi			
2313-339 A13.02		23 13 13.6 -33 55 59	23 15 56.18 -33 39 36.4	18.3				2.9			2277 2277								
2313-423 O		23 13 21.8 -42 21 19	23 16 7.47 -42 4 56.2	19.5				3.36	H I 1216 C IV 1549		980 980								



TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V) (U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID Z VAR R ABS	NOTES
2313-439 R	PKS	23 13 34.86 -43 54 10.2	23 16 21.13 -43 37 47.2	20.1		1.847	H I 1216 O IV 1402 C IV 1549 C III 1909 Mg II 2798		1861 1861 1861	
2313-421 O		23 13 37.7 -42 8 34	23 16 23.22 -41 52 11.0	19.9		2.78	H I 1216 C IV 1549		430 430 479 1022	
2313-424 O		23 13 50.1 -42 26 51	23 16 35.69 -42 10 27.8	20.3		2.37	H I 1216 C IV 1549		430 430 479 1022	
2314-340	A13.04	23 14 0.8 -34 5 25	23 16 43.28 -33 49 1.7	18.9		3.1			2277 2277	
2314-409 R	PKS	23 14 2.01 -40 57 44.7	23 16 46.95 -40 41 21.3	17.97		2.448	LYB 1026 O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1898 1251	1526vlbi See ref 1022
2314+160 R		23 14 9 16 1 40	23 16 39.03 16 18 3.1	18		(0.659)	Mg II 2798		476 476	
2314-423 O		23 14 16.5 -42 23 15	23 17 1.95 -42 6 51.4	18.4		(0.27)			430 479 430	
2314+374 R	UT	23 14 43.7 37 26 49	23 17 7.65 37 43 12.4	18.5		1.08	C III 1909 Mg II 2798		1437 1437	
2314-116 C R	PKS PHL 441	23 14 46.06 -11 38 48.7	23 17 22.43 -11 22 24.9	17.5		0.549	Mg II 2798 Ne V 3426 NeIII 3869 NeIII 3968		296 493 1518 1888	761,1304sp PHL 2191 per ref 1871
2315-424 O		23 15 15.9 -42 27 33	23 18 1.12 -42 11 8.6	19.7		1.92	H I 1216 C IV 1549		430 430 479 1022	
2315-423 O		23 15 18.4 -42 21 23	23 18 3.57 -42 4 58.6	21.2		2.02	H I 1216 C IV 1549		430 430 479 1022	
2315-404 R	PKS	23 15 22.63 -40 26 29.8	23 18 7.04 -40 10 5.3	18.0		2.06	H I 1216 Si IV 1397 O IV 1402 C IV 1549		025 767 387 767	
2315-049 C	NGC 7585 UB 1	23 15 24 -4 56 18	23 17 58.83 -4 39 53.7	18.7		1.41			549	near NGC 7576, 6.92 arcmin from NGC 7592, near NGC 7585, 2118
2315-425 O		23 15 29.9 -42 30 13	23 18 15.08 -42 13 48.4	20		2.83	H I 1216		430 430 442 479 1022	8.75 arcmin from NGC 7582, 9.18 arcmin from NGC 7590, 2118
2315-338	A13.01	23 15 41.9 -33 51 35	23 18 23.99 -33 35 10.3	18.3		2.07			2277 2277	
2318+049 R PB 5337 GC	OZ 031 PKS	23 18 12.13 4 57 23.2	23 20 44.86 5 13 49.6	19		0.622	Mg II 2798 H I 4340 O III 4363		237 831 010 009 1297	1207,1261imag, 865,1810pos, 010fc, 1526vlbi, 1789mm
2318+026 R	PKS 4C 02.58	23 18 14.40 2 40 34.4	23 20 47.60 2 57 0.9	18.81		1.968	H I 1216 C IV 1549		050 436 351 1111 789 1476 1877	

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES		Z(ABS)	REFERENCES ID Z VAR R ABS				NOTES
2318-423	1E		23 18 15.5	23 20 59.89	17.0					0.212	H I 4340		1233	1233				1233FeIIem
	X		-42 19 59.0	-42 3 32.2							H I 4861							
2318+013	PC		23 18 41.2	23 21 14.68						3.195			1698	1698				18.5rmag,1698
	O		1 19 24	1 35 50.8														
2319-383			23 19 33.4	23 22 16.10	17.3					0.370+	Mg II 2798		478	478			478	2145imag
	O		-38 19 43	-38 3 15.3							H I 4340			2199				620 arcmin
											H I 4861							from NGC 55,
											O III 5007							1650
2320+079	PKS		23 20 2.5	23 22 34.69	17.5					2.09	H I 1216		100	100			023	1513elp,530fc,
	R	OZ 033	7 55 48	8 12 15.8							Si IV 1397							1526vlbi
		DA 599									C IV 1549							
		PB 5355																
2320-312	PKS		23 20 46.95	23 23 27.36	19.0					2.47	H I 1216		384	767			384	767fc
	R		-31 14 25.2	-30 57 56.6							Si IV 1397						767	
											O IV 1402							
2320-035			23 20 52.04	23 23 26.47	20.6					2.041	C IV 1549		025	058			1976	045fc
			-3 33 39.6	-3 17 11.1							C III 1909			419				
2320-035	PKS		23 20 57.55	23 23 31.98	18.6					1.411	H I 1216		025	058			789	1181sp,045fc,
	R	PHL 2278	-3 33 32.8	-3 17 4.3							Si IV 1397			440	419			1526vlbi
											O IV 1402		1871					
											C IV 1549							
2321-375	PKS		23 21 25.5	23 24 7.53	18.9 *					0.37	Mg II 2798		478	478		025	846	
	O		-37 30 54	-37 14 24.9												478	904	
	R																	
2322-414			23 22 19.1	23 25 2.16	17.6					0.37	Mg II 2798		478	478				
	O		-41 29 53	-41 13 23.3														
2322+110	MC 2		23 22 47.09	23 25 18.81	19.2					1.965	C IV 1549			019			1818	1818pos
	R		11 2 9.0	11 18 38.7							C III 1909						1976	
											Mg II 2798							
2323-389			23 23 27.5	23 26 9.51	19.4					2.10	H I 1216		478	478				
	O		-38 58 32	-38 42 1.5							N V 1240							
											C IV 1549							
2325-150	PKS		23 25 11.5	23 27 47.87	18.1					2.465	O VI 1034		011	1304			1518	1305ir,761sp,
	R		-15 4 28	-14 47 56.5							H I 1216							1526vlbi
											N V 1240							
											Si II 1263							
											O I 1304							
											Si IV 1397							
											O IV 1402							
											C IV 1549							
2325+269	4C 27.52		23 25 28.43	23 27 57.25	17.5					0.875	C III 1909		033	032			462	831sp,139,
	R	3C 463	26 59 20.4	27 15 51.8							Mg II 2798						774	1478fc,
		PKS															775	1201pol
		NRAO 713															800	
		CTD 140															1888	
		OZ 242																
		B2																
2325+293	4C 29.68		23 25 42.23	23 28 10.58	17.3	.65	-.87	1.015			C III 1909		033	098			128	059ubv,
	R	CTD 141	29 20 38.6	29 37 10.1							C II 2326			002			462	1201pol,
		B2									Mg II 2798			054			774	1320rpol,
		OZ 243															775	222fc,324sp
																	800	
																	1476	
2326-477	PKS		23 26 33.71	23 29 17.71	16.79	.25	-.98	1.299*			C IV 1549	1.2610	095	094			023	2075
	R		-47 46 51.8	-47 30 19.3							C III 1909			410			2263	1485ubv,1617,
											Mg II 2798			1731				1983ir,
																		1526vlbi,
																		411fc,761,
																		1304sp,1628,
																		1941uv,1897,
																		1898pos,
																		2103pol
2326-502	PKS		23 26 36.01	23 29 20.91	19.0					(0.518)	Mg II 2798		411	1251			1251	1526vlbi,
	R		-50 12 13.5	-49 55 41.0														1898pos

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC			DEC										Z	VAR	R	ABS	
2327-411 O		23 27 3.2 -41 8 23	23 29 44.96 -40 51 50.2	18.3	.10		0.478						1799	1799				128 kpc from Grus Cl,1799	
2327+335 R	GC B2 UT	23 27 45.57 33 32 4.7	23 30 13.34 33 48 37.4	18.5			1.809	H I 1216 C IV 1549 C III 1909					216	476 1437		216		1526vlbi	
2328+107 R	MC 2 4C 10.73 PKS OZ 146.9 GC	23 28 9.1 10 43 48	23 30 41.17 11 0 21.1	18.1			1.489	C IV 1549 C III 1909 Mg II 2798					464	443 019 748		1152 2085		1201pol, 1320rpol, 050fc,1032, 1181sp, 1526vlbi	
2328+167 R	MC 3	23 28 10.11 16 46 4.4	23 30 41.19 17 2 37.5	18.3			0.284	Mg II 2798 NeIII 3869 H I 4340 H I 4861 O III 5007					476	019 476		1111 1171		1630,1884imag faint gals near,2118	
2328-374 O		23 28 32 -37 28 0	23 31 12.46 -37 11 26.4	17.9			2.265	H I 1216 N V 1240 C IV 1549 C III 1909					1247	1247					
2328-414 O		23 28 34.6 -41 25 32	23 31 16.06 -41 8 58.3	16.9	0.00		0.252						1799	1799				138 kpc from Grus Cl,1799	
2328-385 O		23 28 35.8 -38 31 19	23 31 16.50 -38 14 45.3	19.3			1.90	H I 1216 N V 1240 C IV 1549					478	478				846rnd	
2328-381 O		23 28 47.9 -38 7 3	23 31 28.45 -37 50 29.2	18.4			1.53	C IV 1549 C III 1909					478	478				846rnd	
2329-162 R	PKS	23 29 2.40 -16 13 31.4	23 31 38.66 -15 56 57.6	19.9			1.155	C IV 1549 C III 1909 Mg II 2798					762	1304		1518		761sp,1305ir, 1526vlbi, 1352spvar, 1810pos	
2329-020 O	UM 164 PB 5427 PHL 553	23 29 3 -2 0 4	23 31 37.06 -1 43 30.3	17		(1.90)		H I 1216 C IV 1549					445	480					
2329-412 O		23 29 9.3 -41 15 26	23 31 50.56 -40 58 52.0	18.5	.30		1.853						1799	1799				152 kpc from Grus Cl,1799	
2329-384 R	PKS	23 29 18.9 -38 28 22	23 31 59.42 -38 11 47.9	17.04	.31	-.73	1.195	C IV 1549 C III 1909 C II 2326 Mg II 2798					095	094 493		023		761,1304sp, 1320rpol, 411fc,1485ubv, 1526vlbi, 1352spvar	
2329-376 O R		23 29 27.9 -37 39 2	23 32 8.19 -37 22 27.9	18.1			1.84	C IV 1549					478	478		846 904			
2329-406 O		23 29 37.6 -40 38 52	23 32 18.59 -40 22 17.8	18.5			2.17	H I 1216 N V 1240 C IV 1549					478	478				846rnd	
2329-366 O		23 29 39 -36 38 0	23 32 19.02 -36 21 25.8	17.5			1.359	1549 1909					1247	1247					
2331+022 O	PC	23 31 58.5 2 16 47	23 34 31.95 2 33 22.2	19.98			4.092	O VI 1034 H I 1216 N V 1240 O I 1304 Si II 1307 O IV 1402 C IV 1549					2014	2014				2014rmag	
2332-377 O		23 32 17.6 -37 47 58	23 34 57.30 -37 31 22.4	18.8			2.02	H I 1216 N V 1240 C IV 1549					478	478				846rnd	
2332+489 R	OZ 453.7	23 32 17.90 48 58 44.0	23 34 42.78 49 15 19.1	18.2			1.534	C IV 1549 C III 1909					507	538		1818 1891		1818pos	

TABLE 1—Continued

		OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
2332-293	PKS		23 32 40.68	23 35 18.69	19.0							2.14 +	H I 1216 N V 1240 C IV 1549		296	767		767 767		
	R		-29 23 52.3	-29 7 16.5																
2332-017	PKS		23 32 46.43	23 35 20.42	18.78*							1.185	C IV 1549 C III 1909		026	436 1181 748	789		436,1032, 1181sp, 1526vlbi, 1898pos	
	R	PB 5458	-1 47 44.7	-1 31 9.0																
2333+019	UB 1		23 33 57.1	23 36 30.62	18							1.871	H I 1216 Si IV 1397 O IV 1402 C IV 1549		461	461		461 1976	2.0arcmin from NGC 7714,3.37 arcmin from NGC 7715,2118	
	C	PB 5468	1 54 10	2 10 46.2																
	R																			
2334+019	UB 2		23 34 22.42	23 36 55.94	19							2.193	H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 N IV 1488 C IV 1549 Ne IV 1602 O III 1663 C III 1909		461	461			8.0arcmin from NGC 7714,6.68 arcmin from NGC 7715,2118	
	C	PB 5468B	1 55 36.1	2 12 12.5																
2335-181	PKS		23 35 20.66	23 37 56.65	16.55*	.07	-.91	1.441				C IV 1549 He II 1640 C III 1909 Mg II 2798 Ar IV 2854		086	024 1902 466 1305	024	560	761,1304sp, 1526vlbi, 466fc,1485ubv 1902avg ph mag		
	R	MC	-18 8 57.5	-17 52 20.5																
2335-027	PKS		23 35 23.27	23 37 57.36	19.27							1.072	C IV 1549 C III 1909		026	436		789	1526vlbi	
	R		-2 47 34.6	-2 30 57.7																
2335+031	4C 03.59		23 35 34.31	23 38 7.70	18.76*	.68	-.39								528		323 1086		323,528ubv, 7811r, 2259imag, 044sp,1164mf, 1526vlbi, 2112x 0.31zgal,1786	
BL Lac	PKS		3 10 12.3	3 26 49.2											1898		528 1127 1441			
	R	OZ 061																		
2335+358	UT		23 35 52.3	23 38 21.24	18.5							2.28	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1437	1437		2162		
	R		35 49 45	36 6 21.9																
2336-462	C15.41		23 36 38.8	23 39 19.24	18.4							2.19				2277	2277			
			-46 14 49	-45 58 11.3																
2336-413			23 36 59.7	23 39 39.00	18.6							2.29	H I 1216 N V 1240 C IV 1549		478	478			846rnd	
	O		-41 20 0	-41 3 22.2																
2338-463	C15.40		23 38 22.8	23 41 2.74	18.2							2.64				2277	2277			
			-46 22 2	-46 5 23.6																
2338+042	PKS		23 38 24.66	23 40 57.98	19.5							2.591*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909	2.5896 1.7977	052 423 476 2049 2281	1064 2049 1804 2263 1818 1891	1320rpol, 2266imag, 1818pos			
	R	4C 04.81	4 14 37.2	4 31 15.3																
2338-393			23 38 38.6	23 41 17.13	19							2.31	H I 1216 N V 1240 C IV 1549		478	478			846rnd	
	O		-39 19 4	-39 2 25.6																
2338+191	UT		23 38 47.1	23 41 18.84	18.0							1.78 +	H I 1216 C IV 1549 C III 1909		1437	1437		1437		
	R		19 11 27	19 28 5.2																
2340+009			23 40 19.8	23 42 53.47	19.3							(2.37)	H I 1216 C IV 1549		1072	1072				
	O		0 58 42	1 15 20.8																
2340+008			23 40 21.2	23 42 54.88	19.8							1.37	C IV 1549 C III 1909		1072	1072				
	O		0 51 25	1 8 3.9																

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)			RA (2000) DEC (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
2340-036	PKS R PB 7853	23 40 22.5 -3 40 20	23 42 56.60 -3 23 41.1	16.02	.51	-.48	0.896	C III 1909 C II 2326 Mg II 2798 O III 3133 Ne V 3426					026 084		775		705,1202pol, 1451ubv, 2251sp		
2340+007	O	23 40 23.6 0 44 37	23 42 57.29 1 1 15.9	20.8			(2.32)	H I 1216					1072 1072						
2340+010	O	23 40 24.4 1 5 11	23 42 58.06 1 21 49.9	20.7			2.18	H I 1216 O IV 1402					1072 1072						
2340+362	UT R	23 40 27.8 36 12 19	23 42 57.66 36 28 57.7	18.5			0.73	C III 1909 Mg II 2798					1437 1437						
2340+011	O	23 40 47.8 1 6 4	23 43 21.46 1 22 43.0	19.3			2.35	H I 1216 C IV 1549					1072 1072						
2340+008	O	23 40 49.3 0 50 50	23 43 22.99 1 7 29.0	19.7			2.14	H I 1216 C IV 1549					1072 1072						
2340+010	O	23 40 50.4 1 2 41	23 43 24.07 1 19 20.0	18.7			2.34	H I 1216 C IV 1549					1072 1072						
2340-003	UM 173 O PB 5512	23 40 52 -0 19 42	23 43 25.79 -0 3 3.0	17			1.366	C IV 1549 He II 1640					445 445 2251						
2340-383	O	23 40 54.0 -38 23 0	23 43 31.86 -38 6 20.7	19.2			1.61	H I 1216 N V 1240 C IV 1549					1431 1431						
2341+012	O	23 41 1.6 1 15 39	23 43 35.25 1 32 18.1	21.5			1.66	C IV 1549 C III 1909					1072 1072						
2341+008	O	23 41 5.2 0 49 37	23 43 38.89 1 6 16.1	20.2			(2.06)	H I 1216 Si IV 1397 O IV 1402 C IV 1549					1072 1072						
2341+009	O	23 41 6.7 0 56 15	23 43 40.38 1 12 54.1	19.2			(1.40)	C IV 1549 C III 1909					1072 1072						
2341+008	O	23 41 24.6 0 50 28	23 43 58.29 1 7 7.2	20.5			2.28	H I 1216 C IV 1549					1072 1072						
2341-235	UM 660 O	23 41 43.6 -23 33 0	23 44 19.52 -23 16 20.5	18.1			2.825*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.6793 2.2383 1.0757	1025 1874 1025 2281		1874 2228 2263	1025,1208BAL						
2341+010	UM 175 O	23 41 49.6 1 3 24	23 44 23.27 1 20 3.3	18.6			1.96	H I 1216 Si IV 1397 O IV 1402 C IV 1549				445 480 1072					1072fc		
2341+010	O	23 41 54.9 1 1 3	23 44 28.58 1 17 42.4	19.5			1.77	C IV 1549 C III 1909					1072 1072						
2342+089	O	23 42 0 8 54 0	23 44 33.00 9 10 39.4				2.784*	Si IV 1397 O IV 1402 C IV 1549	2.6270 2.5888 2.4442 2.3483 2.3466 2.1884 0.9489 0.8380 0.7233	1872		1872 1873 2228							
2342+821	R	23 42 6.35 82 10 1.3	23 44 3.70 82 26 40.3	20.5			0.735					1862					1862vlbi		
2342+008	O	23 42 8.8 0 49 9	23 44 42.49 1 5 48.4	19.9			1.57	C IV 1549 C III 1909					1072 1072						
2342+007	O	23 42 32.6 0 44 55	23 45 6.30 1 1 34.6	18.9			2.70	H I 1216 O IV 1402					1072 1072						

TABLE 1—Continued

OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
												Z	VAR	R	ABS	
2342+010 O	23 42 50.1 1 2 50	23 45 23.78 1 19 29.7	18.9					2.16	H I 1216 Si IV 1397 C IV 1549		1072 1072					
2343+125 O	23 43 0 12 30 0	23 45 32.75 12 46 39.6						2.515*	Si IV 1397 O IV 1402 C IV 1549	2.5696 2.4308 2.4285 2.1714 2.1693 2.1143 0.7313		1872				1872 1873 2228 2263
2343+008 O	23 43 7.9 0 51 43	23 45 41.60 1 8 22.8	21.5					1.88	H I 1216 C IV 1549		1072 1072					
2343+008 O	23 43 11.6 0 52 15	23 45 45.29 1 8 54.8	20.8					(2.90)	H I 1216		1072 1072					
2343+012 O	23 43 14.9 1 14 46	23 45 48.57 1 31 25.8	21.2					(1.70)	C IV 1549		1072 1072					
2343+011 O	23 43 18.0 1 7 41	23 45 51.68 1 24 20.8	19.8					(1.54)	C IV 1549 C III 1909		1072 1072					
2343+011 O	23 43 24.5 1 6 20	23 45 58.18 1 22 59.8	20.4					2.04	H I 1216 C IV 1549		1072 1072					
2344+125 O	23 44 0 12 30 0	23 46 32.81 12 46 39.9						2.763*	Si IV 1397 O IV 1402 C IV 1549	2.7817 2.7017 2.4371 2.4292 2.4265 2.2754 1.0465		1872				1872 5 arcmin from 1873 QSO 2343+120, 2228 1872 2263
2344+092 R X PG PB 5532	PKS 4C 09.74 OZ 073.5 PG PB 5532	23 44 3.80 9 14 5.5	23 46 36.87 9 30 45.5	15.97*	.23	-.61	0.672	C III 1909 C II 2326 Mg II 2798 NeIII 3869 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007			055 1467 054 080 443 212 1731 920	128 560 1873	007 128 080 850 212 921 1340 1888 2011 2085			007,055, 1451ubv,004, 705,1202pol, 1355,1628, 1693,1941, 2061uv,831, 958,1032,1117, 1188sp, 958FeIIem,912, 1487,1980, 2112x,749pos, 921,992,1617, 1729,2005, 2021ir, 921phot, 1526vlbi, 111fc,1789mm 3.92 arcmin from spiral gal,0.0426 zgal,1650,2118 faint gals near,2118
2344+002 O	23 44 36.2 0 12 14	23 47 9.95 0 28 54.2	20.1					2.06	H I 1216 C IV 1549		1072 1072					
2344-401 O	23 44 42.0 -40 9 0	23 47 19.20 -39 52 19.6	18.9					2.22 +	H I 1216 N V 1240 C IV 1549		1431 1431					1431
2344+006 O	23 44 50.8 0 36 4	23 47 24.52 0 52 44.2	20.4					(0.40)	Mg II 2798 O II 3727		1072 1072					
2344+184 X	23 44 53.3 18 28 18	23 47 25.72 18 44 58.1	15.9	1.70				0.138			1314 1314					1209imag
2345-358 O	23 45 15 -35 49 0	23 47 51.59 -35 32 19.5	18.3					2.386	H I 1216 N V 1240 C IV 1549		1247 1247					

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC (1950)		DEC (2000)									Z	VAR	R	ABS	
2345-167	PKS	23 45 27.66	23 48 2.59	17.5	*				0.576			057	1204	238	775		703,900,1626,
	R OZ 176	-16 47 52.9	-16 31 12.4										134	253	1162		2103pol,055,
	X MC												238	290	1200		1445fc,1101,
													1305	754	1367		1204,1483,
														755	1452		1595rvar,
														1068			847pos,873,
														1802			1980x,1445,
														2054			2229sp,1617,
																	2021lr,
																	1526vlbi,
																	1789mm,
																	1852phot
																	IRAS source,
																	1806
2345+005		23 45 34.4	23 48 8.13	19.8					2.10	H I 1216		1072	1072				
	O	0 31 47	0 48 27.4							C IV 1549							
2345+002		23 45 38.7	23 48 12.45	20.2					(3.06)	LYB 1026		1072	1072				
	O	0 12 58	0 29 38.4							H I 1216							
2345+006	B	23 45 45.49	23 48 19.21	21					2.147*	H I 1216	1.491	989	989			1221	1221,2051,
	O	0 40 36.5	0 57 17.0							Si IV 1397	1.483	1072	1072			1590	2257sp,
										O IV 1402						2228	1151phot,1815,
										C IV 1549						2263	2166imag
										C III 1909							grav lens,989,
																	2227;non grav
																	lens,2051
2345+006	A	23 45 45.90	23 48 19.62	19.5					2.152*	H I 1216	1.491	989	989			989	1151phot,1815,
	O	0 40 40.4	0 57 20.9							Si IV 1397		1072	1072			1221	2166imag,2051,
										O IV 1402						1590	2257sp
										C IV 1549						2228	7.3arcsec from
										C III 1909						2263	B; grav lens,
																	989,2227;
																	non grav lens,
																	2051
2345+000		23 45 51.7	23 48 25.46	19.3					2.65	O VI 1034		1072	1072				
	O	0 3 57	0 20 37.5							H I 1216							
										Si IV 1397							
										O IV 1402							
2345+002		23 45 53.8	23 48 27.55	21.2					2.41	H I 1216		1072	1072				
	O	0 16 20	0 33 0.5							O IV 1402							
2345-407		23 45 54.0	23 48 30.97	18.3					0.44	Mg II 2798		1431	1431				
	O	-40 44 0	-40 27 19.3														
2345+003	UM 180	23 45 56	23 48 29.74	17.7					1.96	H I 1216		445	445				
	O PB 5540	0 23 12	0 39 52.5							C IV 1549		1072	1072				
2345+008		23 45 57.3	23 48 31.01	18.6					1.85	H I 1216		1072	1072				
	O	0 53 56	1 10 36.5							C IV 1549							
2345+061	4C 06.76	23 45 58.40	23 48 31.77	17.5					1.540	C IV 1549		100	100		010		1818pos,
	R OZ 076	6 8 18.7	6 24 59.2							He II 1640			2049		1818		2049noabs
	PKS									O III 1663			2281		1891		
	PB 5541									C III 1909							
										Mg II 2798							
2346+000		23 46 11.3	23 48 45.06	19.8					1.48	C IV 1549		1072	1072				
	O	0 5 55	0 22 35.6							C III 1909							
2346+001		23 46 13.5	23 48 47.25	19.4					(2.52)	O VI 1034		1072	1072				
	O	0 10 57	0 27 37.6							H I 1216							
										O IV 1402							
2346+001		23 46 20.4	23 48 54.15						1.53	C IV 1549		1072	1072				
	O	0 11 58	0 28 38.6							C III 1909							
2346+005		23 46 25.7	23 48 59.43	19.2					1.80	C IV 1549		1072	1072				
	O	0 34 45	0 51 25.6							C III 1909							
2346+002		23 46 31.3	23 49 5.05	20.2					2.27	H I 1216		1072	1072				
	O	0 12 16	0 28 56.7														
2346+003		23 46 37.9	23 49 11.64	20.2					(3.32)	H I 1216		1072	1072				
	O	0 21 3	0 37 43.7														

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)			DEC (2000)									ID	Z	VAR	R	
2346+007 O		23 46 39.1 0 43 5	23 49 12.82 0 59 45.7	21.0			2.48	O VI 1034 H I 1216 O IV 1402 C IV 1549				1072	1072					
2346+009 O		23 46 42.4 0 56 12	23 49 16.11 1 12 52.7	21.1			2.35	H I 1216 C IV 1549				1072	1072					
2346+385 R	GC	23 46 49.8 38 32 37	23 49 20.80 38 49 17.5				1.032	C IV 1549 C III 1909 Mg II 2798				1465	044		1521			
2347+002 O		23 47 0.6 0 13 40	23 49 34.35 0 30 20.8	20.5			2.12	H I 1216 C IV 1549				1072	1072					
2347+005 O		23 47 21.0 0 33 8	23 49 54.73 0 49 48.8	20.8			0.42	Mg II 2798 O II 3727				1072	1072					
2348-252 R	PKS OZ 280	23 48 15.5 -25 13 42	23 50 50.70 -24 57 0.8	18			(1.39)	Mg II 2798				011	2151					
2348+021 O		23 48 23.9 2 10 59	23 50 57.55 2 27 40.0	18.4			0.504					2216 2274	2216 2274					
2348-011 O	UM 184	23 48 24 -1 8 51.2	23 50 57.83 -0 52 10.1	19.1			3.014*	Si IV 1397 O IV 1402 C IV 1549 2.6161 2.599 2.5593 2.4272 2.2001 1.1943 1.0793 0.8629	2.9678 2.9295 2.750 2.6161 2.599 2.5593 2.4272 2.2001 1.1943 1.0793 0.8629	445 480 1874 2281				1550 1551 1874 2039 2115 2228 2263	911sp Ly limit abs, z=2.940,1874; pos & B(J)mag, 2274;damped Ly alpha,z= 2.4272 and z= 2.6161,2115, 2243;			
2348-402 O		23 48 36.0 -40 12 0	23 51 12.25 -39 55 18.7	19.5			1.50	C IV 1549 C III 1909				1431	1431					
2348-404 O		23 48 48.0 -40 25 0	23 51 24.22 -40 8 18.7	18.6			3.31 +	H I 1216 N V 1240				1431	1431		1431			
2348-014 O		23 48 54.3 -1 27 59.0	23 51 28.14 -1 11 17.8	19.7			1.997	H I 1216 O IV 1402 C IV 1549 C III 1909				1387 2199 1387				pos & B(J)mag, 2274		
2348+018 O		23 48 59.79 1 48 12.4	23 51 33.47 2 4 53.6	18.6			0.749					2043 LBQS	2043			2043B(J)mag		
2349-011 O		23 49 7.6 -1 8 9.1	23 51 41.42 -0 51 27.9	19.9			2.21	H I 1216				1387	1387			pos & B(J)mag, 2274		
2349+003 O	PC	23 49 16.5 0 20 59.4	23 51 50.25 0 37 40.6	19.0			1.951*	C IV 1549 C III 1909 Mg II 2798	1.140			1517 1517			1517 2228 2263	pos & B(J)mag, 2274		
2349+002 O	PC	23 49 17.5 0 17 52.7	23 51 51.25 0 34 33.9	20.0			2.495*	Si IV 1397 O IV 1402 C IV 1549 C III 1909	1.160			1517 1517			1517 2228 2263	pos & B(J)mag, 2274		
2349+009 O		23 49 19.61 0 59 15.7	23 51 53.33 1 15 56.9	18.8			2.037					2043 LBQS	2043			2043B(J)mag		
2349-014 C R	PG PKS PB 5564	23 49 22.3 -1 25 54	23 51 56.14 -1 9 12.8	15.63*	.12	-.90	0.174					077	491	1902		1202pol, 1345ubv,1729, 2005ir, 2145imag 1902avg ph mag faint gals near,2118		
2349+003 O	PC	23 49 23.81 0 19 29.3	23 51 57.56 0 36 10.5	18.42			1.356	C III 1909 Mg II 2798				1517 2043	1517 2043					
2349-375 O		23 49 24.0 -37 33 0	23 51 59.85 -37 16 18.6	18.9			2.26	H I 1216 N V 1240 C IV 1549				1431	1431					



TABLE 1—Continued

	OTHER NAMES	RA (1950)	RA (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R	
2349-016 O		23 49 38.5 -1 36 54	23 52 12.34 -1 20 12.7	19.8			2.362	H I 1216 O IV 1402 C IV 1549		1387 2199				
2349-015 O		23 49 43.3 -1 30 12.6	23 52 17.14 -1 13 31.3	20.3			2.20	H I 1216		1387 1387				pos & B(J)mag, 2274
2349+003 O		23 49 43.48 0 22 22.4	23 52 17.23 0 39 3.7	18.2			1.229			2043 2043 LBQS				2043B(J)mag
2349+327 R	4C 32.69 B2 NRAO 722	23 49 48.94 32 47 18.3	23 52 21.03 33 3 59.4	19.9			0.659	Mg II 2798 Ne V 3426 NeIII 3869 H I 4861 O III 4959 O III 5007		222 443			462 773 774 800 1167 1888 1891	
2350-338 O		23 50 7 -33 52 55	23 52 42.45 -33 36 13.5	18			1.971	H I 1216 C IV 1549		409 409				
2350-026 O		23 50 19.26 -2 36 53.8	23 52 53.14 -2 20 12.4	18.5			1.621			2043 2043 LBQS				2043B(J)mag
2350-007 O	A	23 50 19.69 -0 45 32.2	23 52 53.49 -0 28 50.8	18.6			1.617+			2043 2043 LBQS				2043BAL, 2043B(J)mag
2350-011 O		23 50 39.8 -1 7 4.8	23 53 13.61 -0 50 23.3	19.8			1.43	C IV 1549 C III 1909		1387 1387				pos & B(J)mag, 2274
2350-021 O		23 50 47.42 -2 9 55.6	23 53 21.28 -1 53 14.1	18.5			0.768			2043 2043 LBQS				2043B(J)mag
2350-007 O	B	23 50 47.80 -0 45 22.3	23 53 21.60 -0 28 40.8	18.4			0.444			2043 2043 LBQS				2043B(J)mag
2350-015 O	UM 186 PB 5575	23 50 47.97 -1 32 9.6	23 53 21.80 -1 15 28.1	16			0.99	C III 1909 Mg II 2798		445 480 2043 2043				
2350-002 O		23 50 50.28 -0 12 43.7	23 53 24.06 0 3 57.8	17.4			0.561			2043 2043 LBQS				2043B(J)mag
2350-001 O		23 50 53.39 -0 9 17.1	23 53 27.16 0 7 24.4	18.1			0.17			2043 2043				2043B(J)mag
2350-416 O		23 50 54.0 -41 39 0	23 53 29.79 -41 22 18.3	19.0			1.89	H I 1216 N V 1240 C IV 1549		1431 1431				
2350-015 O		23 50 57.5 -1 33 24.2	23 53 31.33 -1 16 42.7	20.0			3.131+	O VI 1034 H I 1216 O IV 1402 C IV 1549		1387 2199				2199BAL pos & B(J)mag, 2274
2351-010 O		23 51 11.0 -1 3 3.2	23 53 44.81 -0 46 21.7	19.9			2.37	H I 1216		1387 1387				pos & B(J)mag, 2274
2351-406 O		23 51 29.6 -40 40 20	23 54 5.17 -40 23 38.2	21.5			2.10	C IV 1549		478 478				846rnd
2351-006 R	PKS PB 5580	23 51 35.42 -0 36 29.5	23 54 9.21 -0 19 47.9	19			0.463	Mg II 2798 Ar IV 2854 Ar IV 2869 Ne V 3426 O II 3727 NeIII 3869		045 020 2043 436 2043			789	1526vlbi, 025fc, 1320rpol, 1898pos
2351+456 R	4C 45.51	23 51 49.96 45 36 22.9	23 54 21.67 45 53 4.3	20.6			2.0			1862				1862vlbi
2351-415 O		23 51 50.4 -41 33 16	23 54 25.94 -41 16 34.2	18.9			1.99	H I 1216 N V 1240 C IV 1549		478 478				846rnd

TABLE 1—Continued

OTHER NAMES		RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC (1950)		DEC (2000)									Z	VAR	R	ABS	
2351-154 R	OZ 187 MC	23 51 55.85 -15 29 52.9	23 54 30.17 -15 13 11.2	17	*				2.675	H I 1216 N V 1240 O I 1304 C IV 1549 He II 1640 C III 1909	2.6775 2.6447 0.6293	109	342 1201 500 589 2049 2281	1518 2162 2228 2243 2263	589 2049 2228 2243 2263	1202pol,761, 1304,1445sp, 1092,1305ir, 1526vlbi,011, 1445fc, 2049noabs	
2351+022 O		23 51 56.72 2 17 28.8	23 54 30.41 2 34 10.4	18.6					2.022+			2043	2043 LBQS			2043B(J)mag Ly alpha abs	
2351+013 O		23 51 58.73 1 20 13.1	23 54 32.45 1 36 54.7	18.3					2.068			2043	2043 LBQS			2043B(J)mag	
2352+004 O		23 52 23.34 0 25 37.9	23 54 57.10 0 42 19.6	17.8					0.271			2043	2043 LBQS			2043B(J)mag	
2352-411 O		23 52 30 -41 10 58	23 55 5.35 -40 54 16.1	19.2					1.89	H I 1216 N V 1240 C IV 1549		478	478			846rnd	
2352-420 O		23 52 45.9 -42 2 58	23 55 21.23 -41 46 16.0	19					2.24	H I 1216 N V 1240 C IV 1549		478	478			846rnd	
2352+072 X	E	23 52 47 7 16 15	23 55 20.55 7 32 56.7	19.3	.40				0.277	H I 4861 O III 5007		1417	1417			1417x,1910sp	
2352-342 R	PKS	23 52 50.62 -34 14 39.5	23 55 25.55 -33 57 57.6	16.4	*				0.706	MgVII 2513 MgVII 2632 Mg II 2798 Mg V 2931 O II 3727 NeIII 3869		188	493 1004 1304 1731	384		761sp	
2352-455 R	PKS	23 52 53.26 -45 30 7.5	23 55 28.75 -45 13 25.5	17.5					1.868	H I 1216 O IV 1402 C IV 1549 Ne IV 1602 Ne IV 2424		095	094		1519	1526vlbi, 411fc,1898pos	
2352+020 O		23 52 58.29 2 5 36.6	23 55 32.00 2 22 18.3	18.7					2.188			2043	2043 LBQS			2043B(J)mag	
2353+005 O		23 53 11.77 0 32 40.7	23 55 45.52 0 49 22.5	18.6					0.558			2043	2043 LBQS			2043B(J)mag	
2353+154 R	OZ 188 MC 3 PKS	23 53 20.1 15 24 45	23 55 53.44 15 41 26.7	18					1.801	H I 1216 Si IV 1397 C IV 1549 C III 1909 Mg II 2798		010	009 019		010 1818 1891		
2353+283 R X	4C 28.59 VR28.23.05 OZ 289 B2 E	23 53 21.41 28 19 16.3	23 55 54.34 28 35 57.9	17.8	.50				0.731	C III 1909 Mg II 2798 O II 3727		033	032		462 774 800 1111 1531 1888	1417x,222fc, 1201pol,831sp, 1320rpol	
2353-685 R	PKS	23 53 28.3 -68 35 24	23 56 5.93 -68 18 41.9	17					1.716	C III 1909 Mg II 2798		095	094		023	1617ir	
2353+012 O		23 53 36.6 1 15 41	23 56 10.34 1 32 22.8	18.5					1.062			2216 2274	2216 2274				
2353-022 O		23 53 38.14 -2 17 46.6	23 56 11.97 -2 1 4.8	17.7					0.890			2043	2043 LBQS			2043B(J)mag	
2353+072 X	E	23 53 59.0 7 14 7	23 56 32.59 7 30 48.8	19.5					0.342			1417	1417			1910sp	
2354-015 O		23 54 12.60 -1 34 51.2	23 56 46.41 -1 18 9.3	18.5					2.211			2043	2043 LBQS			2043B(J)mag	
2354+008 O		23 54 16.19 0 48 48.7	23 56 49.94 1 5 30.6	18.5					0.999			2043	2043 LBQS			2043B(J)mag	

TABLE 1—Continued

	OTHER NAMES	RA (1950) DEC (1950)		RA (2000) DEC (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES		Z(ABS)	ID	REFERENCES Z VAR R ABS				NOTES
2354+144	PKS R 4C 14.85 OZ 191	23 54 44.85 14 29 27.2	23 57 18.32 14 46 9.0	18.10*	.14	-.90	1.816*	H I 1216 C IV 1549 He II 1640 O III 1663 C III 1909	1.5762	055	054 2049 2281	253 2174 775 1111 1818 1891 1976	128 2049 2263				134,239ubv, 111fc,1818pos, 2010imag 1902avg ph mag	
2354-117	PKS R	23 54 44.9 -11 42 23	23 57 18.91 -11 25 41.0	18.5			0.960	C III 1909 Mg II 2798 Ne V 3426 O II 3727		057	1861 1305	1518 1861				1526vlbi, 055fc,2103pol		
2355-364	O	23 55 5 -36 25 12	23 57 39.55 -36 8 29.9	18			2.073	H I 1216 C IV 1549		409	409							
2355-389	O R	23 55 10.3 -38 57 56	23 57 44.91 -38 41 13.8	18.4			2.85	H I 1216 N V 1240		478	478	904				1431sp		
2355-534	PKS R	23 55 18.15 -53 27 55.9	23 57 53.26 -53 11 13.7	17.8 *			1.006	C III 1909 Mg II 2798		494 1898	1251	1800 1251				1526vlbi,1800, 2103pol		
2355-463	C16.04	23 55 34.4 -46 21 35	23 58 9.13 -46 4 52.8	16.9			2.37			2277	2277							
2355-082	PKS R. PHL 6113	23 55 36.4 -8 16 50	23 58 10.30 -8 0 8.0	17.5			0.211	O II 3727 O III 5007		296	476	1171				1526vlbi, 1630imag		
2355-106	PKS R UT PHL 600	23 55 36.9 -10 36 47	23 58 10.84 -10 20 5.0	17.7			1.626	O I 1304 C II 1335 Si IV 1397 O IV 1402 C IV 1549 C III 1909		011 1871	1304 1437	1518				761sp, 1526vlbi		
2355-021	O	23 55 54.14 -2 9 52.0	23 58 27.94 -1 53 10.0	18.2			1.870			2043	2043 LBQS				2043B(J)mag			
2356+196	OZ 193 R PKS	23 56 12.5 19 38 36	23 58 46.01 19 55 17.9	18			1.066	C IV 1549 C III 1909 Mg II 2798		010	009 1437	010				1526vlbi		
2356+016	UM 193 O PB 5651	23 56 37.98 1 39 59.3	23 59 11.73 1 56 41.3	18.4			2.070	H I 1216 C IV 1549		445 2043	445 2043							
2356-014	O	23 56 43.26 -1 27 11.8	23 59 17.05 -1 10 29.8	18.5			1.119			2043	2043 LBQS				2043B(J)mag			
2356+026	O	23 56 49.51 2 37 56.8	23 59 23.26 2 54 38.8	18.4			2.523			2043	2043 LBQS				2043B(J)mag			
2356+021	O	23 56 54.40 2 7 38.7	23 59 28.15 2 24 20.7	18.2			1.056			2043	2043 LBQS				2043B(J)mag			
2357-318	PKS	23 57 1.45 -31 50 28.8	23 59 35.53 -31 33 46.6	17.6			0.991	C III 1909 Mg II 2798		1861	1861	1861						
2357-348	O X	23 57 6 -34 51 53	23 59 40.10 -34 35 10.8	17.78	-.19	-.94	2.070*	H I 1216 N V 1240 Si IV 1397 C IV 1549	0.9951	409	409	2020 2228 2263				696,912,1488, 1980x,1485ubv, 2020sp		
2357-002	O	23 57 38.23 -0 14 17.8	0 0 12.00 0 2 24.3	17.8			0.479			2043	2043 LBQS				2043B(J)mag			
2357-326	PKS R	23 57 46.3 -32 37 43.4	0 0 20.25 -32 21 1.2	17			1.275	C III 1909 Mg II 2798		025	418	384				1004fc		
2358-027	O	23 58 8.12 -2 46 5.2	0 0 41.90 -2 29 23.1	17.5			1.070			2043	2043 LBQS				2043B(J)mag			
2358+006	O	23 58 9.16 0 38 56.3	0 0 42.93 0 55 38.4	18.7			0.949			2043	2043 LBQS				2043B(J)mag			

TABLE 1—Continued

OTHER NAMES		RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)			DEC (2000)									ID	Z	VAR	R	
2358-161 R	PKS	23 58 31.6 -16 6 50	0 1 5.39 -15 50 7.8	18			2.044	H I 1216 N V 1240 Si II 1263 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909			296 1304 1305	1518	1305ir, 761, 2151sp					
2358+011 O		23 58 35.61 1 9 57.3	0 1 9.38 1 26 39.4	18.7			0.724				2043 2043 LBQS		2043B(J)mag					
2358+022 O		23 58 48.0 2 16 22	0 1 21.77 2 33 4.1	18.6			1.872				2216 2216 2274 2274							
2359+068 O		23 59 6.77 6 53 13.3	0 1 40.56 7 9 55.3	18.8			3.238*	O VI 1034 3.1724 H I 1216 2.9872 Si IV 1397 2.9437 O IV 1402 2.9149 C IV 1549 2.8641 2.7801 2.7478 2.7312 0.8958	1440 1874 1440 2281 2263	1874 2228 2263								
2359-022 O	UM 195 A	23 59 12.44 -2 16 16.8	0 1 46.21 -1 59 34.7	18.9			0.866	C III 1909 2.160 Mg II 2798 2.099	445 1025 2043 2043 2199	2243	1042pos 1.0arcmin from UM 196,1652							
2359+003 O		23 59 13.0 0 23 15.6	0 1 46.77 0 39 57.7	19.4			2.897*	O VI 1034 2.819 H I 1216 2.3820 Si IV 1397 2.1079 O IV 1402 1.3442 C IV 1549 1.0239	1072 1874 1072 2281	1874 2228 2263	pos & B(J)mag, 2274							
2359-000 O		23 59 13.2 -0 2 14.1	0 1 46.97 0 14 28.0	20.3			2.12	H I 1216 C IV 1549	1072 1072		pos & B(J)mag, 2274							
2359+009 O		23 59 15.9 0 55 1.9	0 1 49.68 1 11 44.0	20.3			(2.14)	H I 1216 O IV 1402	1072 1072		pos & B(J)mag, 2274							
2359-022 O	UM 196 B	23 59 16.19 -2 16 22.9	0 1 49.96 -1 59 40.8	18			2.818*	H I 1216 2.153 N V 1240 2.0948 Si IV 1397 1.8287 O IV 1402 C IV 1549	445 1874 2043 445 1025 2043 2281	1550 1551 1874 2168 2228 2263	damped Ly alpha, z=2.094 and z=2.153, 2115							
2359-397 O R		23 59 23.7 -39 44 7	0 1 57.31 -39 27 24.7	19			2.05	H I 1216 N V 1240 C IV 1549	478 1431 478 2064	846 2064								
2359+002 O		23 59 38.3 0 16 10.0	0 2 12.07 0 32 52.1	19.8			2.67	O VI 1034 H I 1216	1072 1072		pos & B(J)mag, 2274							
2359+019 O		23 59 41.9 1 58 35	0 2 15.68 2 15 17.1	18.7			1.570		2216 2216 2274 2274									
2359-003 O		23 59 48.74 -0 21 26.5	0 2 22.51 -0 4 44.4	18.6			0.810		2043 2043 LBQS		2043B(J)mag							
2359+011 O		23 59 53.1 1 10 7.7	0 2 26.88 1 26 49.8	20.0			2.99	O VI 1034 H I 1216	1072 1072		pos & B(J)mag, 2274							
2359+005 O	PB 5698	23 59 57.0 0 33 6.0	0 2 30.78 0 49 48.1	19.1			(1.36)	C IV 1549 C III 1909	1072 1072		pos & B(J)mag, 2274							

7315 objects

average  $z$  (for objects with  $z > 0$ ) = 1.56

290 objects with absorption seen but not measured, 415 with absorption measured

	discovered by	also detected in	total
objective prism:	4145	0	4145
X-ray:	168	289	457
color/UV-excess:	1341	8	1349
radio:	1234	158	1392

TABLE 1—Continued

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TABLE 2  
COORDINATE DESIGNATIONS FOR QUASI-STELLAR OBJECTS WITH OTHER NAMES

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
<b>Asiago Blue Objects</b>		B 246 .....	1258+340	A09.20 .....	2210-359
A2 316 .....	1258+287	B 286 .....	1301+358	A09.22 .....	2148-337
A3 12 .....	1217+151	B 288 .....	1302+357	A09.23 .....	2202-346
A3 45 .....	1219+138	B 312 .....	1304+374	A09.24 .....	2159-332
A3 121 .....	1222+135	B 330 .....	1305+364	A09.31 .....	2158-327
A3 281 .....	1227+151	B 337 .....	1305+352	A09.36 .....	2208-331
<b>Blue Stellar Objects</b>		B 340 .....	1304+346	A09.40 .....	2146-339
BSO 1 .....	0032-086	B 360 .....	1308+382	A09.44 .....	2154-345
BSO 2 .....	0240+011	B 382 .....	1306+350	A09.50 .....	2210-342
BSO 3 .....	1309+378	B 416 .....	1311+362	A09.51 .....	2156-348
BSO 6 .....	1259+344	B 427 .....	1309+340	A09.55 .....	2209-349
BSO 8 .....	1309+340	B 471 .....	1258+343	A09.57 .....	2203-356
BSO 11 .....	1311+362	B 503 .....	1309+378	A09.60 .....	2156-359
<b>Braccesi Objects</b>		<b>Braccesi Faint Objects</b>		A09.62 .....	2201-361
AB 4 .....	1244+381	BF 8 .....	1253+359	A09.65 .....	2159-364
AB 7 .....	1245+345	BF 12 .....	1253+358	A09.70 .....	2147-372
AB 9 .....	1246+377	BF 16 .....	1253+361	A09.72 .....	2208-373
AB 11 .....	1246+346	BF 17 .....	1253+360	A09.85 .....	2208-350
AB 17 .....	1248+337	BF 30 .....	1254+359	A10.09 .....	2226-335
AB 29 .....	1249+339	BF 36 .....	1254+356	A10.11 .....	2212-334
AB 47 .....	1252+359	BF 38 .....	1254+362	A10.20 .....	2213-373
AB 62 .....	1254+370	BF 41 .....	1254+356	A11.09 .....	2250-372
AB 64 .....	1255+353	BF 46 .....	1254+360	A11.17 .....	2239-369
AB 67 .....	1255+372	BF 51 .....	1255+359	A11.31 .....	2231-361
AB 69 .....	1256+357	BF 71 .....	1256+357	A11.35 .....	2246-361
AB 75 .....	1256+368	BF 72 .....	1256+355	A11.45 .....	2250-360
AB 78 .....	1257+346	BF 92 .....	1257+361	A12.03 .....	2257-344
AB 84 .....	1258+340	BF 105 .....	1257+359	A13.01 .....	2315-338
AB 86 .....	1258+356	BF 112 .....	1257+356	A13.02 .....	2313-339
AB 87 .....	1258+343	BF 141 .....	1258+356	A13.04 .....	2314-340
AB 89 .....	1259+367	BF 161 .....	1259+357	A21.03 .....	0147-336
AB 90 .....	1259+344	BF 164 .....	1259+361	A23.16 .....	0239-367
AB 109 .....	1301+358	BF 166 .....	1259+359	A25.02 .....	0306-350
AB 115 .....	1302+357	BF 170 .....	1259+361	A25.03 .....	0308-375
AB 122 .....	1303+338	BF 175 .....	1300+360	A25.07 .....	0314-372
AB 125 .....	1304+342	BF 202 .....	1300+362	A26.09 .....	0326-345
AB 133 .....	1304+346	BF 216 .....	1301+359	A27.05 .....	0402-337
AB 134 .....	1304+374	BF 219 .....	1301+361	A28.09 .....	0409-340
AB 141 .....	1305+364	BF 222 .....	1301+358	A29.06 .....	0428-365
AB 142 .....	1305+352	BF 225 .....	1301+358	A29.20 .....	0441-368
AB 147 .....	1306+350	BF 227 .....	1301+356	A29.22 .....	0443-358
AB 154 .....	1308+382	BF 230 .....	1302+358	A30.13 .....	0500-335
AB 162 .....	1309+340	BF 237 .....	1302+357	A30.15 .....	0451-336
AB 163 .....	1309+378	BF 247 .....	1302+361	A30.19 .....	0454-344
AB 168 .....	1311+362	BF 262 .....	1303+360	A30.20 .....	0501-340
B 2 .....	1620+356	BF 263 .....	1303+357	A30.25 .....	0459-373
B 19 .....	1245+345	BF 264 .....	1303+362	A31.05 .....	0515-379
B 46 .....	1246+346	BF 270 .....	1303+358	A31.07 .....	0518-350
B 86 .....	1249+339	BF 275 .....	1303+357	A32.02 .....	0546-357
B 87 .....	1248+337	BF 281 .....	1303+360	A33.03 .....	0556-363
B 114 .....	1252+359	<b>Calan-Tololo Survey</b>		A34.09 .....	0608-352
B 142 .....	1254+370	A05.05 .....	2034-332	B05.02 .....	2118-402
B 154 .....	1255+353	A05.06 .....	2034-331	B05.03 .....	2118-414
B 185 .....	1255+372	A05.09 .....	2044-370	B06.02 .....	2138-389
B 189 .....	1256+368	A06.11 .....	2104-363	B06.03 .....	2139-420
B 194 .....	1256+357	A06.17 .....	2103-347	B09.07 .....	2245-379
B 196 .....	1258+356	A07.01 .....	2112-364	B09.08 .....	2243-387
B 201 .....	1257+346	A08.01 .....	2128-355	B16.09 .....	0100-423
B 228 .....	1259+367	A09.02 .....	2148-362	B19.09 .....	0157-409
B 243 .....	1259+344	A09.09 .....	2157-352	B19.14 .....	0203-396
		A09.14 .....	2158-339	B19.16 .....	0206-395
		A09.15 .....	2201-335	B20.10 .....	0213-386
				B20.11 .....	0214-393
				B20.15 .....	0227-403
				B21.07 .....	0246-407
				B25.09 .....	0342-387
				B27.06 .....	0445-418
				B27.07 .....	0443-408
				B30.05 .....	0532-424
				B31.05 .....	0550-384

TABLE 2—Continued

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
B31.18 .....	0602-398	M10.08 .....	1230-237	CS0 179 .....	1250+313
C05.07 .....	2009-470	M12.24 .....	1259-226	CS0 182 .....	0812+367
C07.21 .....	2111-435	M12.30 .....	1306-251	CS0 193 .....	0827+378
C07.35 .....	2108-439	M14.25 .....	1342-247	CS0 199 .....	0838+359
C08.03 .....	2114-435	M15.15 .....	1354-266	CS0 203 .....	0842+345
C08.04 .....	2113-437	M15.17 .....	1356-227	CS0 233 .....	0936+368
C14.27 .....	2310-451	M15.19 .....	1355-246	CS0 239 .....	0952+338
C15.40 .....	2338-463	M16.08 .....	1428-238	CS0 259 .....	1016+359
C15.41 .....	2336-462	M16.09 .....	1417-250	CS0 261 .....	1016+359
C16.04 .....	2355-463	M16.11 .....	1414-251	CS0 282 .....	1036+355
C16.06 .....	0005-464	M19.05 .....	1521-249	CS0 340 .....	1123+356
C16.07 .....	0006-466	M19.06 .....	1521-246	CS0 352 .....	1131+358
C17.05 .....	0012-467	M98.06 .....	0927-257	CS0 409 .....	1402+436
C20.06 .....	0128-436	R02.37 .....	0931-169	CS0 429 .....	1414+347
C22.30 .....	0202-460	R05.12 .....	1041-147	CS0 441 .....	1421+330
C22.31 .....	0202-462	R05.17 .....	1043-152	CS0 479 .....	1435+383
C24.01 .....	0225-449	R07.04 .....	1111-152	CS0 505 .....	1444+407
C24.03 .....	0250-467	R07.16 .....	1125-130	CS0 571 .....	1512+370
C24.09 .....	0235-454	R07.27 .....	1122-168	CS0 586 .....	1520+413
C25.12 .....	0316-451	R08.06 .....	1137-127	CS0 609 .....	1406+492
C25.27 .....	0300-428	R09.11 .....	1159-136	CS0 622 .....	1415+451
C25.28 .....	0301-427	R09.66 .....	1150-162	CS0 623 .....	1415+463
C25.34 .....	0253-465	R10.07 .....	1211-133	CS0 633 .....	1418+546
C25.35 .....	0255-468	R10.25 .....	1225-137	CS0 658 .....	1427+480
C25.36 .....	0300-437	R10.29 .....	1220-154	CS0 722 .....	1504+543
C26.05 .....	0310-438	R10.30 .....	1223-157	CS0 786 .....	1258+285
C26.07 .....	0315-463	R11.12 .....	1233-141	CS0 799 .....	1300+284
C26.09 .....	0320-446	R12.24 .....	1257-165	CS0 805 .....	1301+307
C26.13 .....	0328-466	R13.07 .....	1315-140	CS0 814 .....	1303+308
C26.14 .....	0331-450	R14.07 .....	1340-136	CS0 815 .....	1303+313
C26.31 .....	0328-462	R14.09 .....	1335-143	CS0 822 .....	1305+301
C27.07 .....	0335-431	R15.03 .....	1358-135	CS0 823 .....	1305+298
C28.03 .....	0345-445	R15.07 .....	1359-155	CS0 825 .....	1306+303
C28.05 .....	0347-450	R16.06 .....	1425-136	CS0 832 .....	1307+296
C28.07 .....	0410-430	R16.21 .....	1414-171	CS0 835 .....	1308+301
C28.13 .....	0348-450	R17.08 .....	1431-166	CS0 836 .....	1308+326
C28.16 .....	0357-432	R18.18 .....	1455-141	CS0 865 .....	1315+302
C29.01 .....	0405-442			CS0 873 .....	1317+277
C29.03 .....	0419-455			CS0 878 .....	1318+290
C29.08 .....	0407-453			CS0 899 .....	1318+290
C29.10 .....	0416-456				
C30.10 .....	0445-457				
F09.22 .....	2202-189				
F13.18 .....	2203-187				
F27.21 .....	0443-320				
F27.24 .....	0445-307				
F27.26 .....	0442-301				
J01.09 .....	0935-199				
J02.03 .....	1007-174				
J02.11 .....	0956-207				
J03.13 .....	1015-205				
J03.14 .....	1015-214				
J03.16 .....	1023-214				
J03.23 .....	1027-198				
J05.03 .....	1054-207				
J06.07 .....	1110-184				
J07.05 .....	1140-215				
J07.06 .....	1146-191				
J08.06 .....	1157-197				
J13.07 .....	1339-180				
J15.32 .....	1413-212				

TABLE 2—Continued

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
CT 309 .....	0059-297	DA 273 .....	0945+408	F 24 .....	2051-329
CT 316 .....	0100-270	DA 278 .....	0954+556	F 25 .....	2059-360
CT 323 .....	0100-289	DA 279 .....	0955+326	F 26 .....	2043-340
CT 336 .....	0102-272	DA 289 .....	1040+123	F 27 .....	2044-369
CT 338 .....	0102-301	DA 292 .....	1055+201	F 28 .....	2058-333
Caltech Sources		DA 293 .....	1055+018	F 29 .....	2043-332
CTA 14 .....	0133+207	DA 298 .....	1111+408	F 30 .....	2043-338
CTA 15 .....	0134+329	DA 299 .....	1116+128	F 31 .....	2049-362
CTA 26 .....	0336-019	DA 305 .....	1137+660	F 32 .....	2059-330
CTA 39 .....	0538+498	DA 317 .....	1206+439	F 33 .....	2054-355
CTA 40 .....	0610+260	DA 320 .....	1218+339	F 34 .....	2042-324
CTA 45 .....	0809+483	DA 324 .....	1226+023	F 35 .....	2043-347
CTA 56 .....	1253-055	DA 330 .....	1241+166	F 36 .....	2034-342
CTA 60 .....	1328+307	DA 332 .....	1250+568	F 37 .....	2050-359
CTA 102 .....	2230+114	DA 337 .....	1305+069	Boyle, Jones and Shanks Objects	
CTD 5 .....	0035+238	DA 342 .....	1318+113	F855:86 .....	1043-004
CTD 9 .....	0110+297	DA 345 .....	1328+254	F855:102 .....	1044-001
CTD 26 .....	0400+258	DA 346 .....	1328+307	F855:107 .....	1043-000
CTD 42 .....	0610+260	DA 354 .....	1354+195	F855:108 .....	1043-002
CTD 66 .....	1015+277	DA 364 .....	1416+067	F855:111 .....	1044+000
CTD 68 .....	1048+240	DA 367 .....	1422+202	F855:121 .....	1043-003
CTD 77 .....	1156+295	DA 375 .....	1502+602	F855:123 .....	1044-000
CTD 87 .....	1423+242	DA 402 .....	1606+180	F855:124 .....	1044+000
CTD 98 .....	1702+298	DA 406 .....	1611+343	F855:125 .....	1043-001
CTD 102 .....	1741+279	DA 410 .....	1622+238	F855:133 .....	1044+000
CTD 108 .....	1830+285	DA 416 .....	1634+628	F855:134 .....	1043+000
CTD 133 .....	2156+297	DA 417 .....	1634+269	F855:137 .....	1043+000
CTD 135 .....	2234+282	DA 420 .....	1641+399	F855:140 .....	1044+000
CTD 136 .....	2251+244	DA 430 .....	1704+608	F855:152 .....	1044-002
CTD 140 .....	2325+269	DA 452 .....	1828+487	F855:155 .....	1044-000
CTD 141 .....	2325+293	DA 524 .....	2044-027	F855:156 .....	1044+001
Dominion Observatory Sources		DA 553 .....	2134+004	F855:158 .....	1043+000
DA 5 .....	0003-003	DA 562 .....	2145+067	F855:159 .....	1043+001
DA 32 .....	0056-001	DA 565 .....	2149+212	F855:162 .....	1043-000
DA 53 .....	0133+207	DA 574 .....	2209+080	F855:168 .....	1042-000
DA 54 .....	0134+329	DA 580 .....	2223+210	F855:174 .....	1240-000
DA 55 .....	0133+476	DA 582 .....	2230+114	F861:66 .....	1240-000
DA 58 .....	0141+339	DA 586 .....	2251+158	F861:70 .....	1240-000
DA 78 .....	0229+341	DA 587 .....	2251+244	F861:73 .....	1240-003
DA 107 .....	0333+321	DA 588 .....	2252+129	F861:74 .....	1240-003
DA 110 .....	0336-019	DA 599 .....	2320+079	F861:76 .....	1240-001
DA 128 .....	0409+229	Warren, Hewett and Osmer Objects		F861:85 .....	1240-000
DA 145 .....	0440-003	F 01 .....	2047-376	F861:87 .....	1240-002
DA 157 .....	0458-020	F 02 .....	2040-327	F861:89 .....	1240-002
DA 170 .....	0518+165	F 03 .....	2044-355	F861:93 .....	1240-003
DA 186 .....	0538+498	F 04 .....	2049-345	F861:117 .....	1239-003
DA 193 .....	0552+398	F 05 .....	2055-331	F861:134 .....	1239-004
DA 201 .....	0610+260	F 06 .....	2048-367	F861:156 .....	1239-003
DA 231 .....	0710+118	F 07 .....	2038-367	F861:163 .....	1239-000
DA 233 .....	0723+679	F 08 .....	2039-375	F861:165 .....	1239-004
DA 235 .....	0725+147	F 09 .....	2035-361	F861:171 .....	1238-001
DA 237 .....	0735+178	F 10 .....	2049-375	F861:177 .....	1238-000
DA 242 .....	0758+143	F 11 .....	2056-368	F864:69 .....	1341-002
DA 243 .....	0802+103	F 12 .....	2042-366	F864:72 .....	1340+002
DA 246 .....	0809+483	F 13 .....	2051-373	F864:76 .....	1339+000
DA 254 .....	0835+580	F 14 .....	2055-361	F864:80 .....	1340-000
DA 255 .....	0838+133	F 15 .....	2057-366	F864:81 .....	1341-001
DA 257 .....	0850+140	F 16 .....	2043-328	F864:82 .....	1340-002
DA 262 .....	0906+430	F 17 .....	2045-373	F864:94 .....	1339+001
DA 263 .....	0906+015	F 18 .....	2043-331	F864:97 .....	1341+001
DA 267 .....	0923+392	F 19 .....	2043-368	F864:102 .....	1340-000
DA 268 .....	0927+362	F 20 .....	2038-371	F864:108 .....	1341-001
		F 21 .....	2035-344	F864:111 .....	1342-000
		F 22 .....	2054-342	F864:112 .....	1341+002
		F 23 .....	2049-353	F864:113 .....	1341+002



TABLE 2—Continued

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
F864:114 .....	1340+002	KP 3 .....	0847+155	KP 83 .....	1633+267
F864:115 .....	1340+000	KP 4 .....	0847+156	KP 84 .....	1633+270
F864:119 .....	1340+001	KP 5 .....	0847+156	KP 85 .....	1634+627
F864:124 .....	1340+000	KP 6 .....	1127+074	KP 86 .....	1634+267
F864:158 .....	1341-002	KP 7 .....	1128+072	KP 87 .....	1634+267
Grueff and Vigotti Sources		KP 8 .....	1128+074	KP 89 .....	1635+266
GV 076 .....	1010+350	KP 9 .....	1209+107	Luyten Blue Stars	
GV 081 .....	1018+348	KP 10 .....	1209+107	LB 19 .....	1247+267
GV 136 .....	1217+348	KP 11 .....	1209+109	LB 30 .....	1303+313
GV 172 .....	1315+346	KP 13 .....	1222+228	LB 384 .....	0836+195
GV 273 .....	1611+343	KP 14 .....	1223+227	LB 685 .....	1332+552
GV 300 .....	1721+343	KP 15 .....	1227+074	LB 906 .....	1549+203
Hoag Objects		KP 16 .....	1228+078	LB 2126 .....	1148+549
HOAG 1 .....	0952+698	KP 17 .....	1228+076	LB 2136 .....	1150+497
HOAG 2 .....	0953+698	KP 18 .....	1228+077	LB 2522 .....	1259+593
HOAG 3 .....	0953+698	KP 20 .....	1229+078	LB 3597 .....	0848+120
Kron and Chiu Objects		KP 21 .....	1229+077	LB 6158 .....	0839+186
KC F5 .....	1306+295	KP 22 .....	1243+346	LB 6378 .....	0849+120
KC 5 C7 .....	1306+294	KP 23 .....	1244+345	LB 8644 .....	0842+181
KC 6 B7 .....	1306+295	KP 24 .....	1244+346	LB 8707 .....	0846+145
KC 8 B2 .....	1305+296	KP 25 .....	1244+346	LB 8716 .....	0846+149
KC 8 B1 .....	1305+296	KP 26 .....	1244+347	LB 8741 .....	0847+190
KC 11B1 .....	1306+297	KP 27 .....	1245+343	LB 8746 .....	0847+204
KC 18 .....	1305+296	KP 28 .....	1245+342	LB 8755 .....	0848+155
KC 22 .....	1305+295	KP 29 .....	1246+344	LB 8775 .....	0848+163
KC 89 .....	1306+295	KP 30 .....	1246+346	LB 8796 .....	0849+154
Koo, Kron and Cudworth Objects		KP 32 .....	1258+342	LB 8798 .....	0849+202
KKC 1 .....	1304+296	KP 33 .....	1258+342	LB 8814 .....	0850+189
KKC 9 .....	1305+295	KP 34 .....	1259+347	LB 8863 .....	0851+197
KKC 10 .....	1305+298	KP 35 .....	1259+344	LB 8880 .....	0852+152
KKC 16 .....	1305+296	KP 36 .....	1300+345	LB 8891 .....	0852+181
KKC 19 .....	1305+298	KP 37 .....	1300+344	LB 8909 .....	0853+183
KKC 21 .....	1305+293	KP 38 .....	1300+343	LB 8913 .....	0853+176
KKC 22 .....	1305+296	KP 39 .....	1300+346	LB 8938 .....	0854+144
KKC 23 .....	1305+295	KP 40 .....	1300+347	LB 8948 .....	0854+193
KKC 25 .....	1305+296	KP 41 .....	1307+181	LB 8956 .....	0854+191
KKC 27 .....	1305+295	KP 43 .....	1308+183	LB 8960 .....	0854+161
KKC 28 .....	1305+295	KP 45 .....	1421+201	LB 8991 .....	0855+188
KKC 30 .....	1306+296	KP 46 .....	1422+200	LB 9010 .....	0856+186
KKC 31 .....	1306+297	KP 47 .....	1423+199	LB 9013 .....	0856+170
KKC 32 .....	1306+293	KP 48 .....	1423+201	LB 9024 .....	0856+156
KKC 34 .....	1306+295	KP 49 .....	1423+202	LB 9029 .....	0856+189
KKC 35 .....	1306+294	KP 50 .....	1423+203	LB 9040 .....	0856+179
KKC 36 .....	1306+296	KP 51 .....	1423+201	LB 9115 .....	0858+179
KKC 37 .....	1306+295	KP 52 .....	1504+217	LB 9147 .....	0859+176
KKC 45 .....	1306+297	KP 53 .....	1504+216	LB 9179 .....	0900+154
KKC 46 .....	1306+297	KP 54 .....	1504+219	LB 9292 .....	0903+198
Kitt Peak Sources		KP 55 .....	1528+144	LB 9308 .....	0903+169
KP 1 .....	0456+025	KP 56 .....	1529+144	LB 9317 .....	0903+187
KP 2 .....	0805+047	KP 57 .....	1544+212	LB 9388 .....	0906+167
		KP 58 .....	1545+209	LB 9433 .....	1504+241
		KP 60 .....	1547+115	LB 9436 .....	1505+218
		KP 61 .....	1547+116	LB 9449 .....	1507+245
		KP 62 .....	1548+116	LB 9459 .....	1507+245
		KP 63 .....	1604+290	LB 9466 .....	1508+242
		KP 64 .....	1605+288	LB 9477 .....	1509+247
		KP 67 .....	1606+289	LB 9483 .....	1509+228
		KP 69 .....	1607+290	LB 9491 .....	1510+243
		KP 70 .....	1622+268	LB 9497 .....	1510+258
		KP 71 .....	1622+269	LB 9502 .....	1510+237
		KP 72 .....	1623+271	LB 9537 .....	1512+239
		KP 73 .....	1623+270	LB 9559 .....	1514+241
		KP 74 .....	1623+269	LB 9601 .....	1516+221
		KP 75 .....	1623+155	LB 9605 .....	1517+239
		KP 76 .....	1623+268	LB 9612 .....	1517+239
		KP 77 .....	1623+268	LB 9613 .....	1517+235
		KP 78 .....	1623+268		
		KP 79 .....	1624+269		
		KP 80 .....	1631+630		
		KP 81 .....	1631+627		

TABLE 2—Continued

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
MD1:175	0102-295	MD2:56	0136-373	MD2:126	0150-393
MD1:176	0102-296	MD2:57	0136-385	MD2:127	0150-407
MD1:177	0103-276	MD2:58	0136-415	MD2:128	0151-405
MD1:178	0103-278	MD2:59	0137-421	MD2:129	0151-410
MD1:179	0103-294	MD2:60	0137-419	MD2:130	0151-404
MD1:180	0103-294	MD2:61	0138-387	MD2:131	0151-390
MD1:181	0103-283	MD2:62	0138-381	MD2:132	0151-386
MD1:182	0103-258	MD2:63	0138-408	MD2:133	0151-407
MD1:183	0103-292	MD2:64	0138-396	MD2:134	0151-415
MD1:184	0103-278	MD2:65	0138-421	MD2:135	0152-409
MD1:185	0104-275	MD2:66	0138-410	MD2:136	0152-389
MD1:186	0104-271	MD2:67	0138-423	MD2:137	0152-377
MD1:187	0104-285	MD2:68	0139-411	MD2:138	0153-411
MD1:188	0104-291	MD2:69	0139-374	MD2:139	0153-404
MD1:189	0105-301	MD2:70	0139-407	MD2:140	0153-398
MD2:1	0127-416	MD2:71	0139-380	MD2:141	0154-415
MD2:2	0128-411	MD2:72	0139-402	MD2:142	0154-400
MD2:3	0128-424	MD2:73	0140-399	MD2:143	0154-377
MD2:4	0128-392	MD2:74	0140-409	MD2:144	0155-396
MD2:5	0128-392	MD2:75	0140-412	MD2:145	0155-413
MD2:6	0129-409	MD2:76	0141-391	MD2:146	0155-418
MD2:7	0129-410	MD2:77	0141-373	MD2:147	0155-428
MD2:8	0129-375	MD2:78	0141-419	MD2:148	0155-375
MD2:9	0129-426	MD2:79	0141-403	MD2:149	0155-404
MD2:10	0129-398	MD2:80	0141-419	MD2:150	0156-422
MD2:11	0129-378	MD2:81	0142-402	MD2:151	0156-409
MD2:12	0130-392	MD2:82	0142-421	MD2:152	0156-406
MD2:13	0130-390	MD2:83	0142-403	MD2:153	0156-414
MD2:14	0130-414	MD2:84	0142-407	MD2:154	0156-372
MD2:15	0130-404	MD2:85	0142-427	MD2:155	0156-410
MD2:16	0130-406	MD2:86	0143-420	MD2:156	0156-380
MD2:17	0130-422	MD2:87	0143-384	MD2:157	0156-423
MD2:18	0131-404	MD2:88	0143-402	MD2:158	0156-429
MD2:19	0131-385	MD2:89	0143-428	MD2:159	0157-379
MD2:20	0131-384	MD2:90	0143-407	MD2:160	0157-383
MD2:21	0131-397	MD2:91	0144-396	MD2:161	0157-394
MD2:22	0131-397	MD2:92	0144-414	MD2:162	0157-383
MD2:23	0132-399	MD2:93	0144-412	MD2:163	0157-374
MD2:24	0132-377	MD2:94	0144-421	MD2:164	0157-423
MD2:25	0132-403	MD2:95	0144-381	MD2:165	0157-391
MD2:26	0132-393	MD2:96	0144-387	MD2:166	0158-403
MD2:27	0132-389	MD2:97	0145-385	MD2:167	0158-387
MD2:28	0132-399	MD2:98	0145-409	MD3:1	2216-427
MD2:29	0132-388	MD2:99	0146-423	MD3:2	2217-406
MD2:30	0132-377	MD2:100	0146-400	MD3:3	2217-421
MD2:31	0132-409	MD2:101	0146-424	MD3:4	2217-385
MD2:32	0133-372	MD2:102	0146-389	MD3:5	2217-391
MD2:33	0133-394	MD2:103	0146-421	MD3:6	2217-409
MD2:34	0133-407	MD2:104	0146-420	MD3:7	2218-371
MD2:35	0133-391	MD2:105	0147-399	MD3:8	2219-397
MD2:36	0133-401	MD2:106	0147-429	MD3:9	2219-381
MD2:37	0133-409	MD2:107	0147-379	MD3:10	2219-420
MD2:38	0133-405	MD2:108	0147-389	MD3:11	2219-423
MD2:39	0133-405	MD2:109	0148-391	MD3:12	2219-394
MD2:40	0133-373	MD2:110	0148-381	MD3:13	2219-408
MD2:41	0133-381	MD2:111	0148-389	MD3:14	2220-427
MD2:42	0133-381	MD2:112	0148-423	MD3:15	2220-388
MD2:43	0134-428	MD2:113	0148-428	MD3:16	2221-378
MD2:44	0134-402	MD2:114	0148-428	MD3:17	2221-376
MD2:45	0134-421	MD2:115	0148-409	MD3:18	2221-400
MD2:46	0134-382	MD2:116	0148-409	MD3:19	2222-388
MD2:47	0134-426	MD2:117	0148-414	MD3:20	2222-413
MD2:48	0134-376	MD2:118	0149-404	MD3:21	2222-394
MD2:49	0134-387	MD2:119	0149-425	MD3:22	2222-412
MD2:50	0134-406	MD2:120	0149-416	MD3:23	2222-397
MD2:51	0134-406	MD2:121	0149-422	MD3:24	2222-383
MD2:52	0135-372	MD2:122	0149-397	MD3:25	2222-396
MD2:53	0135-383	MD2:123	0149-409	MD3:26	2222-404
MD2:54	0135-385	MD2:124	0150-405	MD3:27	2222-385
MD2:55	0136-407	MD2:125	0150-420	MD3:28	2223-388

TABLE 2—Continued

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
MD1:175	0102-295	MD2:56	0136-373	MD2:126	0150-393
MD1:176	0102-296	MD2:57	0136-385	MD2:127	0150-407
MD1:177	0103-276	MD2:58	0136-415	MD2:128	0151-405
MD1:178	0103-278	MD2:59	0137-421	MD2:129	0151-410
MD1:179	0103-294	MD2:60	0137-419	MD2:130	0151-404
MD1:180	0103-294	MD2:61	0138-387	MD2:131	0151-390
MD1:181	0103-283	MD2:62	0138-381	MD2:132	0151-386
MD1:182	0103-258	MD2:63	0138-408	MD2:133	0151-407
MD1:183	0103-292	MD2:64	0138-396	MD2:134	0151-415
MD1:184	0103-278	MD2:65	0138-421	MD2:135	0152-409
MD1:185	0104-275	MD2:66	0138-410	MD2:136	0152-389
MD1:186	0104-271	MD2:67	0138-423	MD2:137	0152-377
MD1:187	0104-285	MD2:68	0139-411	MD2:138	0153-411
MD1:188	0104-291	MD2:69	0139-374	MD2:139	0153-404
MD1:189	0105-301	MD2:70	0139-407	MD2:140	0153-398
MD2:1	0127-416	MD2:71	0139-380	MD2:141	0154-415
MD2:2	0128-411	MD2:72	0139-402	MD2:142	0154-400
MD2:3	0128-424	MD2:73	0140-399	MD2:143	0154-377
MD2:4	0128-392	MD2:74	0140-409	MD2:144	0155-396
MD2:5	0128-392	MD2:75	0140-412	MD2:145	0155-413
MD2:6	0129-409	MD2:76	0141-391	MD2:146	0155-418
MD2:7	0129-410	MD2:77	0141-373	MD2:147	0155-428
MD2:8	0129-375	MD2:78	0141-419	MD2:148	0155-375
MD2:9	0129-426	MD2:79	0141-403	MD2:149	0155-404
MD2:10	0129-398	MD2:80	0141-419	MD2:150	0156-422
MD2:11	0129-378	MD2:81	0142-402	MD2:151	0156-409
MD2:12	0130-392	MD2:82	0142-421	MD2:152	0156-406
MD2:13	0130-390	MD2:83	0142-403	MD2:153	0156-414
MD2:14	0130-414	MD2:84	0142-407	MD2:154	0156-372
MD2:15	0130-404	MD2:85	0142-427	MD2:155	0156-410
MD2:16	0130-406	MD2:86	0143-420	MD2:156	0156-380
MD2:17	0130-422	MD2:87	0143-384	MD2:157	0156-423
MD2:18	0131-404	MD2:88	0143-402	MD2:158	0156-429
MD2:19	0131-385	MD2:89	0143-428	MD2:159	0157-379
MD2:20	0131-384	MD2:90	0143-407	MD2:160	0157-383
MD2:21	0131-397	MD2:91	0144-396	MD2:161	0157-394
MD2:22	0131-397	MD2:92	0144-414	MD2:162	0157-383
MD2:23	0132-399	MD2:93	0144-412	MD2:163	0157-374
MD2:24	0132-377	MD2:94	0144-421	MD2:164	0157-423
MD2:25	0132-403	MD2:95	0144-381	MD2:165	0157-391
MD2:26	0132-393	MD2:96	0144-387	MD2:166	0158-403
MD2:27	0132-389	MD2:97	0145-385	MD2:167	0158-387
MD2:28	0132-399	MD2:98	0145-409	MD3:1	2216-427
MD2:29	0132-388	MD2:99	0146-423	MD3:2	2217-406
MD2:30	0132-377	MD2:100	0146-400	MD3:3	2217-421
MD2:31	0132-409	MD2:101	0146-424	MD3:4	2217-385
MD2:32	0133-372	MD2:102	0146-389	MD3:5	2217-391
MD2:33	0133-394	MD2:103	0146-421	MD3:6	2217-409
MD2:34	0133-407	MD2:104	0146-420	MD3:7	2218-371
MD2:35	0133-391	MD2:105	0147-399	MD3:8	2219-397
MD2:36	0133-401	MD2:106	0147-429	MD3:9	2219-381
MD2:37	0133-409	MD2:107	0147-379	MD3:10	2219-420
MD2:38	0133-405	MD2:108	0147-389	MD3:11	2219-423
MD2:39	0133-405	MD2:109	0148-391	MD3:12	2219-394
MD2:40	0133-373	MD2:110	0148-381	MD3:13	2219-408
MD2:41	0133-381	MD2:111	0148-389	MD3:14	2220-427
MD2:42	0133-381	MD2:112	0148-423	MD3:15	2220-388
MD2:43	0134-428	MD2:113	0148-428	MD3:16	2221-378
MD2:44	0134-402	MD2:114	0148-428	MD3:17	2221-376
MD2:45	0134-421	MD2:115	0148-409	MD3:18	2221-400
MD2:46	0134-382	MD2:116	0148-409	MD3:19	2222-388
MD2:47	0134-426	MD2:117	0148-414	MD3:20	2222-413
MD2:48	0134-376	MD2:118	0149-404	MD3:21	2222-394
MD2:49	0134-387	MD2:119	0149-425	MD3:22	2222-412
MD2:50	0134-406	MD2:120	0149-416	MD3:23	2222-397
MD2:51	0134-406	MD2:121	0149-422	MD3:24	2222-383
MD2:52	0135-372	MD2:122	0149-397	MD3:25	2222-396
MD2:53	0135-383	MD2:123	0149-409	MD3:26	2222-404
MD2:54	0135-385	MD2:124	0150-405	MD3:27	2222-385
MD2:55	0136-407	MD2:125	0150-420	MD3:28	2223-388



TABLE 2—Continued

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
MD3:29 .....	2223-420	MD4:7 .....	0058-337	MD4:77 .....	0115-351
MD3:30 .....	2224-408	MD4:8 .....	0058-325	MD4:78 .....	0115-371
MD3:31 .....	2224-397	MD4:9 .....	0058-341	MD4:79 .....	0115-376
MD3:32 .....	2224-426	MD4:10 .....	0059-372	MD4:80 .....	0115-350
MD3:33 .....	2224-428	MD4:11 .....	0059-368	MD4:81 .....	0115-344
MD3:34 .....	2224-403	MD4:12 .....	0059-335	MD4:82 .....	0116-356
MD3:35 .....	2225-395	MD4:13 .....	0059-340	MD4:83 .....	0116-344
MD3:36 .....	2225-406	MD4:14 .....	0059-345	MD4:84 .....	0116-374
MD3:37 .....	2225-383	MD4:15 .....	0100-368	MD4:85 .....	0116-351
MD3:38 .....	2226-399	MD4:16 .....	0100-366	MD4:86 .....	0117-373
MD3:39 .....	2226-400	MD4:17 .....	0100-362	MD4:87 .....	0117-354
MD3:40 .....	2226-379	MD4:18 .....	0100-357	MD4:88 .....	0117-356
MD3:41 .....	2226-400	MD4:19 .....	0101-365	MD4:89 .....	0117-379
MD3:42 .....	2227-378	MD4:20 .....	0101-363	MD4:90 .....	0117-372
MD3:43 .....	2227-385	MD4:21 .....	0101-365	MD4:91 .....	0118-348
MD3:44 .....	2227-396	MD4:22 .....	0101-360	MD4:92 .....	0119-369
MD3:45 .....	2227-399	MD4:23 .....	0102-336	MD4:93 .....	0119-334
MD3:46 .....	2227-412	MD4:24 .....	0102-373	MD4:94 .....	0119-334
MD3:47 .....	2228-391	MD4:25 .....	0102-323	MD4:95 .....	0120-341
MD3:48 .....	2228-387	MD4:26 .....	0102-338	MD4:96 .....	0120-378
MD3:49 .....	2228-403	MD4:27 .....	0102-345	MD4:97 .....	0120-330
MD3:50 .....	2228-399	MD4:28 .....	0102-371	MD4:98 .....	0120-340
MD3:51 .....	2228-413	MD4:29 .....	0102-375	MD4:99 .....	0120-335
MD3:52 .....	2228-397	MD4:30 .....	0103-376	MD4:100 .....	0121-379
MD3:53 .....	2229-420	MD4:31 .....	0103-349	MD4:101 .....	0121-358
MD3:54 .....	2229-402	MD4:32 .....	0104-373	MD4:102 .....	0121-329
MD3:55 .....	2229-378	MD4:33 .....	0104-356	MD4:103 .....	0121-353
MD3:56 .....	2229-421	MD4:34 .....	0105-354	MD4:104 .....	0121-328
MD3:57 .....	2229-374	MD4:35 .....	0105-334	MD4:105 .....	0121-360
MD3:58 .....	2230-426	MD4:36 .....	0105-338	MD4:106 .....	0122-346
MD3:59 .....	2230-372	MD4:37 .....	0105-344	MD4:107 .....	0122-325
MD3:60 .....	2231-415	MD4:38 .....	0105-343	MD4:108 .....	0122-359
MD3:61 .....	2231-419	MD4:39 .....	0106-349	MD4:109 .....	0123-365
MD3:62 .....	2231-372	MD4:40 .....	0106-353	MD4:110 .....	0123-372
MD3:63 .....	2232-390	MD4:41 .....	0106-379	MD4:111 .....	0123-329
MD3:64 .....	2233-418	MD4:42 .....	0106-369	MD4:112 .....	0123-332
MD3:65 .....	2233-385	MD4:43 .....	0106-350	MD4:113 .....	0123-368
MD3:66 .....	2233-399	MD4:44 .....	0107-369	MD4:114 .....	0123-341
MD3:67 .....	2233-376	MD4:45 .....	0107-322	MD4:115 .....	0124-368
MD3:68 .....	2234-386	MD4:46 .....	0108-376	MD4:116 .....	0124-341
MD3:69 .....	2234-395	MD4:47 .....	0108-330	MD4:117 .....	0124-323
MD3:70 .....	2234-409	MD4:48 .....	0108-328	MD4:118 .....	0125-363
MD3:71 .....	2234-384	MD4:49 .....	0108-358	MD4:119 .....	0125-352
MD3:72 .....	2234-373	MD4:50 .....	0108-378	MD4:120 .....	0125-341
MD3:73 .....	2236-411	MD4:51 .....	0108-371	MD4:121 .....	0125-359
MD3:74 .....	2236-416	MD4:52 .....	0108-349	MD4:122 .....	0125-376
MD3:75 .....	2237-396	MD4:53 .....	0109-336	MD5:1 .....	2150-195
MD3:76 .....	2237-387	MD4:54 .....	0109-346	MD5:2 .....	2150-178
MD3:77 .....	2238-423	MD4:55 .....	0109-353	MD5:3 .....	2150-197
MD3:78 .....	2238-412	MD4:56 .....	0109-353	MD5:4 .....	2150-197
MD3:79 .....	2239-417	MD4:57 .....	0109-346	MD5:5 .....	2150-218
MD3:80 .....	2239-421	MD4:58 .....	0109-362	MD5:6 .....	2151-193
MD3:81 .....	2239-409	MD4:59 .....	0110-357	MD5:7 .....	2151-185
MD3:82 .....	2240-388	MD4:60 .....	0110-356	MD5:8 .....	2151-170
MD3:83 .....	2241-404	MD4:61 .....	0110-369	MD5:9 .....	2152-218
MD3:84 .....	2242-399	MD4:62 .....	0110-362	MD5:10 .....	2152-190
MD3:85 .....	2243-387	MD4:63 .....	0111-363	MD5:11 .....	2152-196
MD3:86 .....	2243-417	MD4:64 .....	0111-333	MD5:12 .....	2152-211
MD3:87 .....	2243-376	MD4:65 .....	0111-373	MD5:13 .....	2153-208
MD3:88 .....	2244-412	MD4:66 .....	0112-329	MD5:14 .....	2153-209
MD3:89 .....	2244-394	MD4:67 .....	0112-369	MD5:15 .....	2153-217
MD3:90 .....	2245-379	MD4:68 .....	0112-349	MD5:16 .....	2153-190
MD3:91 .....	2245-393	MD4:69 .....	0112-368	MD5:17 .....	2153-215
MD3:92 .....	2245-389	MD4:70 .....	0113-327	MD5:18 .....	2153-174
MD4:1 .....	0057-370	MD4:71 .....	0113-327	MD5:19 .....	2153-200
MD4:2 .....	0057-352	MD4:72 .....	0113-336	MD5:20 .....	2154-180
MD4:3 .....	0057-371	MD4:73 .....	0113-335	MD5:21 .....	2154-199
MD4:4 .....	0057-358	MD4:74 .....	0114-352	MD5:22 .....	2154-200
MD4:5 .....	0057-350	MD4:75 .....	0114-332	MD5:23 .....	2154-183
MD4:6 .....	0057-350	MD4:76 .....	0114-331	MD5:24 .....	2154-186

TABLE 2—Continued

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
MD5:25	2154-205	MD5:96	2209-207	MD6:41	0043-381
MD5:26	2154-180	MD5:97	2209-214	MD6:42	0043-385
MD5:27	2155-216	MD5:98	2210-174	MD6:43	0043-426
MD5:28	2155-174	MD5:99	2210-201	MD6:44	0044-395
MD5:29	2155-174	MD5:100	2210-167	MD6:45	0044-390
MD5:30	2156-215	MD5:101	2210-190	MD6:46	0044-419
MD5:31	2156-210	MD5:102	2211-182	MD6:47	0044-412
MD5:32	2156-204	MD5:103	2211-174	MD6:48	0045-385
MD5:33	2156-176	MD5:104	2211-166	MD6:49	0045-417
MD5:34	2156-194	MD5:105	2211-177	MD6:50	0045-392
MD5:35	2156-172	MD5:106	2211-201	MD6:51	0045-429
MD5:36	2157-200	MD5:107	2211-192	MD6:52	0045-411
MD5:37	2157-175	MD5:108	2211-163	MD6:53	0045-426
MD5:38	2157-207	MD5:109	2212-190	MD6:54	0045-396
MD5:39	2158-179	MD5:110	2212-199	MD6:55	0045-384
MD5:40	2158-211	MD5:111	2212-165	MD6:56	0045-394
MD5:41	2158-163	MD5:112	2212-202	MD6:57	0046-417
MD5:42	2159-186	MD5:113	2212-177	MD6:58	0046-384
MD5:43	2159-181	MD5:114	2212-179	MD6:59	0046-427
MD5:44	2200-182	MD5:115	2213-206	MD6:60	0046-391
MD5:45	2200-164	MD5:116	2213-180	MD6:61	0046-401
MD5:46	2200-199	MD5:117	2213-208	MD6:62	0047-394
MD5:47	2201-165	MD5:118	2213-190	MD6:63	0048-411
MD5:48	2201-202	MD5:119	2213-209	MD6:64	0048-422
MD5:49	2202-186	MD5:120	2213-165	MD6:65	0048-379
MD5:50	2202-207	MD5:121	2214-190	MD6:66	0048-396
MD5:51	2202-185	MD5:122	2214-169	MD6:67	0048-394
MD5:53	2202-177	MD5:123	2214-206	MD6:68	0048-388
MD5:54	2203-175	MD5:124	2214-179	MD6:69	0048-413
MD5:55	2203-179	MD5:125	2214-189	MD6:70	0048-408
MD5:56	2203-176	MD6:1	0036-404	MD6:71	0048-427
MD5:57	2203-193	MD6:2	0036-398	MD6:72	0049-384
MD5:58	2203-198	MD6:3	0036-389	MD6:73	0049-402
MD5:59	2204-214	MD6:4	0036-428	MD6:74	0049-374
MD5:60	2204-205	MD6:5	0037-396	MD6:75	0049-387
MD5:61	2204-187	MD6:6	0037-418	MD6:76	0049-377
MD5:62	2204-191	MD6:7	0038-384	MD6:77	0049-384
MD5:63	2204-179	MD6:8	0038-399	MD6:78	0049-380
MD5:64	2204-188	MD6:9	0038-398	MD6:79	0049-374
MD5:65	2204-176	MD6:10	0038-372	MD6:80	0049-393
MD5:66	2204-162	MD6:11	0038-396	MD6:81	0049-406
MD5:67	2204-164	MD6:12	0038-396	MD6:82	0050-406
MD5:68	2205-203	MD6:13	0038-401	MD6:83	0050-428
MD5:69	2205-202	MD6:14	0039-425	MD6:84	0050-403
MD5:70	2205-214	MD6:15	0039-395	MD6:85	0050-378
MD5:71	2205-170	MD6:16	0039-397	MD6:86	0051-420
MD5:72	2205-171	MD6:17	0039-386	MD6:87	0051-400
MD5:73	2205-165	MD6:18	0039-396	MD6:88	0051-426
MD5:74	2205-200	MD6:19	0039-403	MD6:89	0051-404
MD5:75	2205-198	MD6:20	0040-397	MD6:90	0052-382
MD5:76	2206-199	MD6:21	0040-391	MD6:91	0052-405
MD5:77	2206-199	MD6:22	0040-428	MD6:92	0052-384
MD5:78	2206-180	MD6:23	0040-383	MD6:93	0052-401
MD5:79	2206-187	MD6:24	0040-414	MD6:94	0052-403
MD5:80	2206-197	MD6:25	0040-384	MD6:95	0052-375
MD5:81	2207-175	MD6:26	0040-395	MD6:96	0052-402
MD5:82	2207-170	MD6:27	0041-403	MD6:97	0052-375
MD5:83	2207-164	MD6:28	0041-384	MD6:98	0053-384
MD5:84	2207-207	MD6:29	0041-400	MD6:99	0053-424
MD5:85	2207-177	MD6:30	0041-378	MD6:100	0053-393
MD5:86	2207-204	MD6:31	0041-406	MD6:101	0053-376
MD5:87	2207-201	MD6:32	0041-379	MD6:102	0053-404
MD5:88	2208-194	MD6:33	0041-398	MD6:103	0054-419
MD5:89	2208-181	MD6:34	0042-387	MD6:104	0054-411
MD5:90	2208-181	MD6:35	0042-391	MD6:105	0054-409
MD5:91	2208-206	MD6:36	0042-375	MD6:106	0055-387
MD5:92	2208-185	MD6:37	0042-398	MD6:107	0055-428
MD5:93	2208-217	MD6:38	0042-386	MD6:108	0055-415
MD5:94	2209-171	MD6:39	0042-420	MD6:109	0055-402
MD5:95	2209-187	MD6:40	0043-388	MD6:110	0055-375

TABLE 2—Continued

[illegible]

TABLE 2—Continued

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
NGC 5055 .....	1313+422	NRAO 406 .....	1241+166	OC 199 .....	0159-117
NGC 5107 .....	1319+388	NRAO 409 .....	1250+568	OC 218 .....	0110+297
NGC 5112 .....	1309+388	NRAO 413 .....	1253-055	OC 240 .....	0123-226
NGC 5296 .....	1342+440	NRAO 417 .....	1258+404	OC 250 .....	0130+242
NGC 5660 .....	1428+498	NRAO 419 .....	1305+069	OC 256 .....	0133+207
NGC 5669 .....	1430+101	NRAO 424 .....	1328+254	OC 259 .....	0135-247
NGC 5682 .....	1432+489	NRAO 425 .....	1328+307	OC 317 .....	0110+318
NGC 5866 .....	1505+559	NRAO 428 .....	1340+606	OC 358 .....	0134+329
NGC 5982 .....	1537+595	NRAO 441 .....	1416+067	OC 368 .....	0141+339
NGC 7171 .....	2157-133	NRAO 464 .....	1458+718	OC 383 .....	0149+335
NGC 7448 .....	2257+157	NRAO 467 .....	1502+602	OC 457 .....	0133+476
NGC 7585 .....	2315-049	NRAO 483 .....	1545+210	OD 026 .....	0215+015
National Radio Astronomy Observatory Sources		NRAO 500 .....	1618+177	OD 043 .....	0225-014
		NRAO 501 .....	1622+238	OD 044 .....	0226-038
NRAO 5 .....	0003-066	NRAO 509 .....	1634+628	OD 055 .....	0232-042
NRAO 6 .....	0003-003	NRAO 510 .....	1634+269	OD 056 .....	0233-025
NRAO 19 .....	0017+154	NRAO 512 .....	1638+398	OD 062 .....	0237+040
NRAO 62 .....	0110+318	NRAO 513 .....	1641+399	OD 068 .....	0240+011
NRAO 65 .....	0115+027	NRAO 522 .....	1704+608	OD 094.7 .....	0256+075
NRAO 68 .....	0118+034	NRAO 530 .....	1730-130	OD 095 .....	0256-005
NRAO 78 .....	0133+207	NRAO 548 .....	1807+698	OD 124 .....	0214+108
NRAO 79 .....	0134+329	NRAO 565 .....	1828+487	OD 148 .....	0229+131
NRAO 88 .....	0159-117	NRAO 623 .....	2005-044	OD 160 .....	0235+164
NRAO 105 .....	0229+341	NRAO 636 .....	2037+511	OD 258 .....	0234+285
NRAO 140 .....	0333+321	NRAO 639 .....	2044-027	OD 263 .....	0237-233
NRAO 144 .....	0340+048	NRAO 656 .....	2120+168	OE 017 .....	0310+013
NRAO 147 .....	0349-146	NRAO 687 .....	2223-052	OE 030 .....	0317-023
NRAO 149 .....	0350-073	NRAO 699 .....	2249+185	OE 063 .....	0336-019
NRAO 167 .....	0409+229	NRAO 701 .....	2251+158	OE 069 .....	0340+048
NRAO 170 .....	0414-060	NRAO 702 .....	2252+129	OE 083 .....	0350-073
NRAO 178 .....	0424-131	NRAO 703 .....	2305+187	OE 110 .....	0306+102
NRAO 190 .....	0440-003	NRAO 713 .....	2325+269	OE 181.9 .....	0349-146
NRAO 205 .....	0518+165	NRAO 722 .....	2349+327	OE 323 .....	0313+344
NRAO 221 .....	0538+498	Ohio Sources		OE 355 .....	0333+321
NRAO 230 .....	0610+260	OA 29 .....	0032+423	OE 400 .....	0300+470
NRAO 258 .....	0710+118	OA 57 .....	0115+027	OF 024 .....	0414-060
NRAO 263 .....	0723+679	OA 60.2 .....	0122-003	OF 035 .....	0420-014
NRAO 266 .....	0725+147	OA 129 .....	0420-014	OF 036 .....	0421+019
NRAO 271 .....	0729+818	OA 141 .....	0458-020	OF 038 .....	0422+004
NRAO 273 .....	0740+380	OA 198 .....	0552+398	OF 067 .....	0440-003
NRAO 278 .....	0758+143	OB 007 .....	0003-003	OF 092 .....	0454+039
NRAO 279 .....	0802+103	OB 007 .....	0033+079	OF 097 .....	0457+024
NRAO 285 .....	0809+483	OB 056 .....	0033+098	OF 098 .....	0458-020
NRAO 287 .....	0814+227	OB 057 .....	0038-019	OF 109 .....	0405-123
NRAO 297 .....	0833+654	OB 065 .....	0044-056	OF 111 .....	0406-127
NRAO 298 .....	0835+580	OB 074 .....	0046-067	OF 141.3 .....	0424-131
NRAO 299 .....	0837-120	OB 078 .....	0048-097	OF 200 .....	0400+258
NRAO 300 .....	0838+133	OB 081 .....	0056-001	OF 292 .....	0454-234
NRAO 301 .....	0850+140	OB 094 .....	0003+158	OG 008 .....	0504+030
NRAO 310 .....	0855+143	OB 106 .....	0007+171	OG 123 .....	0514-161
NRAO 315 .....	0903+169	OB 113 .....	0017+154	OG 130.2 .....	0518+165
NRAO 317 .....	0906+430	OB 129 .....	0035+238	OG 220 .....	0511-220
NRAO 322 .....	0927+362	OB 258 .....	0032+423	OG 263 .....	0537-286
NRAO 342 .....	0955+326	OB 453 .....	0039+568	OG 465 .....	0538+498
NRAO 351 .....	1015+277	OB 565 .....	0106+013	OH 010 .....	0605-085
NRAO 355 .....	1023+067	OC 012 .....	0114+074	OH 218 .....	0610+260
NRAO 358 .....	1040+123	OC 025 .....	0115+027	OH 471 .....	0642+449
NRAO 359 .....	1048-090	OC 026 .....	0118+034	OI 061 .....	0736-063
NRAO 363 .....	1100+772	OC 031 .....	0119+041	OI 072 .....	0743-006
NRAO 369 .....	1111+408	OC 033 .....	0119-046	OI 090.4 .....	0754+100
NRAO 378 .....	1132+303	OC 034 .....	0122-003	OI 117 .....	0710+118
NRAO 381 .....	1137+660	OC 038 .....	0137+012	OI 142 .....	0725+147
NRAO 389 .....	1153+317	OC 062 .....	0146+056	OI 158 .....	0735+178
NRAO 393 .....	1206+439	OC 079 .....	0157+011	OI 198 .....	0758+143
NRAO 396 .....	1218+339	OC 096 .....	0109+176	OI 250 .....	0730+257
NRAO 400 .....	1226+023	OC 115.2 .....	0155-109	OI 267 .....	0740+235
		OC 192 .....		OI 275 .....	0745+241
				OI 287 .....	0752+258
				OI 306.8 .....	0704+384
				OI 318 .....	0711+356

TABLE 2—Continued

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
OI 363	0738+313	OL 064.5	1038+064	ON 241	1225+206
OI 368	0740+380	OL 078.4	1046+053	ON 313	1208+322
OI 371	0742+318	OL 079.2	1047+096	ON 319	1211+334
OI 380	0748+333	OL 082	1048-090	ON 325	1215+303
OI 444	0726+431	OL 084	1049-005	ON 330	1218+339
OI 478	0746+483	OL 093	1055+018	ON 374	1244+324
OI 680	0747+613	OL 107.7	1004+130	ON 392	1255-316
OJ 008	0805+046	OL 108.1	1004+141	ON 411	1206+439
OJ 014	0808+019	OL 133	1020+191	ON 428	1216+487
OJ 021	0812+020	OL 136	1022+194	ON 584	1250+568
OJ 049	0829+046	OL 166.6	1040+123	OP 009	1305+069
OJ 076	0845-051	OL 196	1058+110	OP 050	1329-049
OJ 078	0846+100	OL 205	1001+226	OP 059	1335-061
OJ 103.3	0802+103	OL 219	1011-282	OP 106	1302-102
OJ 131	0818-128	OL 220	1012+232	OP 112	1307+121
OJ 145	0827+193	OL 227	1015+277	OP 115	1308+182
OJ 160	0836+195	OL 259	1034-293	OP 131	1318+113
OJ 162	0837-120	OL 281	1048+240	OP 151	1331+170
OJ 163	0838+133	OL 282	1049+215	OP 187	1352-104
OJ 171	0843+136	OL 293	1055+201	OP 191	1354+195
OJ 180	0848+155	OL 318	1010+350	OP 192	1354-152
OJ 184	0850+140	OL 326	1015+359	OP 211	1306+274
OJ 193.1	0855+143	OL 331	1018+348	OP 246	1327-214
OJ 195	0856+170	OL 333	1019+309	OP 247	1328+254
OJ 199	0859-140	OL 347	1028+313	OP 291	1354+258
OJ 225	0814+227	OL 422	1012+488	OP 313	1308+326
OJ 234	0820+296	OL 474	1044+476	OP 322	1313-333
OJ 248	0827+243	OL 492	1055+499	OP 326	1315+346
OJ 256	0833+276	OL 564	1038+528	OP 348	1328+307
OJ 259	0834+250	OL 676	1045+604	OP 372.2	1503+691
OJ 287	0851+202	OL 682	1049+616	OP 530	1317+520
OJ 302	0801+303	OH 006	1103-006	OP 554	1332+552
OJ 320	0812+367	OH 076	1145-071	OP 577	1345+584
OJ 336	0821+394	OH 080	1148-001	OP 594	1356+581
OJ 346.5	0827+378	OH 083	1150+095	OP 668	1340+606
OJ 401	0800+608	OH 109	1104+167	OQ 010	1406-076
OJ 417	0809+483	OH 118	1111+149	OQ 027.7	1416+067
OJ 448	0828+493	OH 127	1116+128	OQ 058	1434-076
OJ 499	0859+470	OH 133	1119+183	OQ 081	1449-012
OJ 508	0804+499	OH 146	1127-145	OQ 085	1451+097
OJ 535	0820+560	OH 150	1130+106	OQ 090	1454-060
OJ 558	0835+580	OH 161	1136-135	OQ 095	1456+092
OJ 665	0839+616	OH 181	1148-171	OQ 100	1400+162
OK 011	0906+015	OH 229	1117-248	OQ 125	1415+172
OK 019	0911+053	OH 272	1143-245	OQ 135	1421+122
OK 037	0922+005	OH 280	1147+245	OQ 141	1424-118
OK 055	0932+022	OH 295	1156+295	OQ 151	1430-178
OK 085	0952+097	OH 303	1101+384	OQ 155	1433+177
OK 096	0957+003	OH 356	1132+303	OQ 172	1442+101
OK 106	0903+169	OH 389	1153+317	OQ 190	1453-109
OK 136	0922+149	OH 484	1150+497	OQ 235	1422+202
OK 142	0926+117	OH 525	1115+536	OQ 236	1423+242
OK 186	0952+179	OH 540/4	1124+571	OQ 242	1425+267
OK 222	0912+297	ON 001	1200-051	OQ 244	1426+295
OK 232	0919-260	ON 029	1217+023	OQ 259	1435-218
OK 233	0919+218	ON 044	1226+023	OQ 261	1435+248
OK 270	0941+261	ON 049	1229-021	OQ 279	1448-232
OK 290	0953+254	ON 073	1243-072	OQ 287	1452+301
OK 296	0957+227	ON 089	1253-055	OQ 288	1452-217
OK 340	0923+392	ON 106	1203+109	OQ 334	1420+326
OK 345.8	0927+362	ON 119	1210+134	OQ 425	1415+463
OK 362	0937+391	ON 135	1221+186	OQ 530	1418+546
OK 388	0952+357	ON 162	1237-101	OQ 663	1437+624
OK 393	0955+326	ON 169	1241+166	OR 015	1508-055
OK 410	0906+430	ON 176	1245+189	OR 017	1510-089
OK 476	0945+408	ON 187	1252+119	OR 078	1546+027
OK 492	0955+476	ON 208	1204+281	OR 102	1504-166
OK 568	0941+522	ON 231	1219+285	OR 103	1502+106
OK 591	0954+556	ON 238	1222+216	OR 118	1509+158
OL 040	1023+067	ON 239	1223+252	OR 139	1522+113



TABLE 2—Continued

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
OR 140 .....	1524+101	OX 178 .....	2146-133	PB 5195 .....	2254+024
OR 165 .....	1538+149	OX 192 .....	2155-152	PB 5235 .....	2302+029
OR 167 .....	1540+180	OX 294 .....	2156+297	PB 5337 .....	2318+049
OR 181 .....	1548+114	OX 325 .....	2115-305	PB 5355 .....	2320+079
OR 199 .....	1559+173	OY 015.8 .....	2209+080	PB 5427 .....	2329-020
OR 225 .....	1514-241	OY 027 .....	2216-038	PB 5458 .....	2332-017
OR 241 .....	1525+227	OY 039 .....	2223-052	PB 5468 .....	2333+019
OR 276 .....	1545+210	OY 091 .....	2254+074	PB 5468B .....	2334+019
OR 321 .....	1512+370	OY 091.3 .....	2254+024	PB 5512 .....	2340-003
OR 342 .....	1525+314	OY 106 .....	2203-188	PB 5532 .....	2344+092
OR 372 .....	1542+373	OY 150 .....	2230+114	PB 5540 .....	2345+003
OR 605 .....	1502+602	OY 172.6 .....	2243-123	PB 5541 .....	2345+061
OS 092 .....	1655+077	OY 179 .....	2247+132	PB 5564 .....	2349-014
OS 094 .....	1656+053	OY 181 .....	2247+140	PB 5575 .....	2350-015
OS 108.2 .....	1604+159	OY 182 .....	2248+192	PB 5580 .....	2351-006
OS 113 .....	1606+180	OY 185 .....	2251+158	PB 5651 .....	2356+016
OS 131 .....	1618+177	OY 186 .....	2251+113	PB 5698 .....	2359+005
OS 140 .....	1622+158	OY 188 .....	2252+129	PB 5731 .....	0003-003
OS 210 .....	1606+289	OY 286 .....	2251+244	PB 5748 .....	0004+024
OS 240 .....	1623+269	OY 401 .....	2200+420	PB 5765 .....	0006+014
OS 257 .....	1634+269	OY 489 .....	2253+417	PB 5777 .....	0007-017
OS 264.4 .....	1638+398	OZ 014 .....	2308+098	PB 5780 .....	0008-008
OS 295 .....	1657+265	OZ 031 .....	2318+049	PB 5791 .....	0009-016
OS 319 .....	1611+343	OZ 033 .....	2320+079	PB 5793 .....	0009-018
OS 328 .....	1622+238	OZ 061 .....	2335+031	PB 5816 .....	0012+006
OS 334 .....	1620+356	OZ 073.5 .....	2344+092	PB 5829 .....	0013-004
OS 349 .....	1628+363	OZ 076 .....	2345+061	PB 5901 .....	0019+011
OS 353.8 .....	1632+391	OZ 108 .....	2305+187	PB 5924 .....	0021+055
OS 356 .....	1633+382	OZ 146.9 .....	2328+107	PB 5963 .....	0025-018
OS 368 .....	1641+399	OZ 176 .....	2345-167	PB 5994 .....	0027+018
OS 387 .....	1652+398	OZ 187 .....	2351-154	PB 6024 .....	0030+034
OS 392 .....	1656+348	OZ 188 .....	2353+154	PB 6060 .....	0033+079
OS 562 .....	1637+574	OZ 191 .....	2354+144	PB 6070 .....	0035-002
OT 068 .....	1741-038	OZ 193 .....	2356+196	PB 6091 .....	0038-020
OT 081 .....	1749+096	OZ 242 .....	2325+269	PB 6098 .....	0038-019
OT 101 .....	1700+180	OZ 243 .....	2325+293	PB 6151 .....	0043+039
OT 129 .....	1717+178	OZ 280 .....	2348-252	PB 6277 .....	0105+061
OT 204 .....	1702+298	OZ 289 .....	2353+283	PB 6279 .....	0105-008
OT 295 .....	1756+237	OZ 453.7 .....	2332+489	PB 6280 .....	0106+013
OT 336 .....	1721+343			PB 6291 .....	0107-025
OT 355 .....	1732+389			PB 6342 .....	0112-017
OT 398 .....	1758+388			PB 6360 .....	0114+074
OT 463 .....	1738+499			PB 6367 .....	0115+027
OT 465 .....	1738+476			PB 6370 .....	0115-011
OT 486 .....	1751+441			PB 6429 .....	0122-003
OT 546 .....	1727+502			PB 6441 .....	0123-021
OT 566 .....	1739+522			PB 6447 .....	0124-021
OT 607 .....	1704+608			PB 6455 .....	0125-004
OU 251 .....	1830+285			PB 6465 .....	0126+030
OU 401 .....	1800+440			PB 6468 .....	0126-015
OU 432 .....	1819+408			PB 6482 .....	0128+074
OU 447 .....	1828+487			PB 6513 .....	0154-020
OV 198 .....	1958-179			PB 6540 .....	0156+035
OV 236 .....	1921-293			PB 6562 .....	0157+011
OV 591 .....	1954+513			PB 6589 .....	0159+036
OV 098 .....	2059+034			PB 6679 .....	0205+024
OW 154.9 .....	2032+107			PB 6690 .....	0206+001
OW 174 .....	2044-168			PB 6709B .....	0207-003
OX 036 .....	2121+053			PB 6721 .....	0208-018
OX 049 .....	2128+089			PB 6793 .....	0213+013
OX 057 .....	2134+004			PB 6856 .....	0240+007
OX 076.1 .....	2145+067			PB 6960 .....	0256-005
OX 081 .....	2149+069			PB 6989 .....	0300-004
OX 134.2 .....	2120+168			PB 7136 .....	2216-038
OX 158 .....	2135-147			PB 7191 .....	2243-032
OX 161 .....	2136+141			PB 7192 .....	2243-123
OX 167 .....	2140+102			PB 7212 .....	2245-128
OX 169 .....	2141+175			PB 7853 .....	2340-036
OX 173 .....	2143-156			PB 8312 .....	0029-121
OX 175 .....	2144-179			PB 8357 .....	0031-076

## Palomar-Berger Objects

PB 2704 .....	1123+264
PB 2843 .....	1128+315
PB 2964 .....	1132+303
PB 3090 .....	1250+313
PB 3169 .....	1256+294
PB 3207 .....	1258+287
PB 3214 .....	1258+286
PB 3216 .....	1258+285
PB 3259 .....	1300+284
PB 3276 .....	1301+316
PB 3296 .....	1303+308
PB 3304 .....	1303+313
PB 3336 .....	1305+301
PB 3344 .....	1306+303
PB 3348 .....	1306+274
PB 3388 .....	1309+298
PB 3471 .....	1315+302
PB 3520 .....	1318+290
PB 3521 .....	1318+290
PB 3638 .....	1425+267
PB 3697 .....	1435+315
PB 3977 .....	1331+170
PB 4007 .....	1333+176
PB 4142 .....	1352+183
PB 4145 .....	1352+184
PB 4381 .....	1254+047

TABLE 2—Continued

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
PB 8364 .....	0032-073	PHL 2989 .....	0046-067	QNB1:26 .....	1040+012
PB 8484 .....	0039-031	PHL 3029 .....	0048-280	QNB1:28 .....	1040+013
PB 8553 .....	0107-025	PHL 3041 .....	0049-002	QNB1:34 .....	1039+012
PB 8570 .....	0108-144	PHL 3375 .....	0128+074	QNB1:38 .....	1039+012
PB 8761 .....	0119-046	PHL 3400 .....	0129-021	QNB1:43 .....	1040+015
PB 8800 .....	0122-042	PHL 3424 .....	0131+055	QNB1:49 .....	1040+015
Palomar-Baro-Luyten Objects		PHL 3470 .....	0133+011	QNB2:01 .....	1041+010
PHL 61 .....	2134+004	PHL 3582 .....	0137-018	QNB2:02 .....	1040+011
PHL 109 .....	2140-048	PHL 3632 .....	0139+061	QNB2:06 .....	1040+011
PHL 373 .....	2238-175	PHL 3665 .....	0141+024	QNB2:07 .....	1040+009
PHL 441 .....	2314-116	PHL 3700 .....	0142+007	QNB2:15 .....	1041+011
PHL 553 .....	2329-020	PHL 3703 .....	0142-100	QNB2:17 .....	1041+011
PHL 600 .....	2355-106	PHL 3828 .....	0147+019	QNB2:23 .....	1042+008
PHL 650 .....	0002+051	PHL 4226 .....	0236-181	QNB2:24 .....	1041+008
PHL 658 .....	0003+158	PHL 5200 .....	2225-055	QNB2:25 .....	1041+009
PHL 767 .....	0014-043	PHL 5225 .....	2227-088	QNB2:28 .....	1041+009
PHL 828 .....	0044+030	PHL 6113 .....	2355-082	QNB2:36 .....	1040+008
PHL 841 .....	0045-000	PHL 6304 .....	0005-239	QNB2:40 .....	1042+007
PHL 847 .....	0046+154	PHL 6612 .....	0043+008	QNB2:42 .....	1041+007
PHL 850 .....	0046+112	PHL 6625 .....	0044-209	QNB2:45 .....	1042+007
PHL 856 .....	0048-097	PHL 7392 .....	0133+004	QNB2:46 .....	1041+007
PHL 857 .....	0048-013	PHL 7756 .....	0143-015	QNT1:02 .....	1233-008
PHL 868 .....	0049+007	PHL 8462 .....	0237-233	QNT1:06 .....	1233-009
PHL 881 .....	0050+106	Kunth, Sargent, Kowal Objects		QNT1:07 .....	1233-005
PHL 891 .....	0051+146	POX 5B .....	1150-176	QNT1:08 .....	1233-007
PHL 892 .....	0052+145	POX 8 .....	1150-186	QNT1:09 .....	1233-006
PHL 895 .....	0052-009	POX 29 .....	1155-150	QNT1:17 .....	1234-007
PHL 909 .....	0054+144	POX 30 .....	1155-181	QNT1:24 .....	1234-006
PHL 915 .....	0055+156	POX 33 .....	1155-187	QNT1:25 .....	1234-006
PHL 921 .....	0056+126	POX 35 .....	1156-185	QNT1:26 .....	1234-006
PHL 923 .....	0056-001	POX 42 .....	1158-187	QNT1:28 .....	1234-004
PHL 938 .....	0058+019	POX 50 .....	1200-204	QNT1:29 .....	1233-006
PHL 957 .....	0100+130	POX 54 .....	1201-197	QNT1:30 .....	1234-005
PHL 959 .....	0100+020	POX 61 .....	1203-160	QNT1:31 .....	1234-004
PHL 964 .....	0100+099	POX 62 .....	1202-207	QNT1:32 .....	1234-003
PHL 1027 .....	0130+033	POX 101 .....	1212-198	QNT1:33 .....	1234-003
PHL 1033 .....	0131+037	POX 103 .....	1213-201	QNT1:36 .....	1233-006
PHL 1037 .....	0131+000	POX 104 .....	1259-135	QNT2:02 .....	1235+005
PHL 1038 .....	0131+015	POX 115 .....	1302-125	QNT2:05 .....	1235+005
PHL 1049 .....	0132+077	POX 117 .....	1304-107	QNT2:07 .....	1235+006
PHL 1072 .....	0135+056	POX 123 .....	1304-121	QNT2:09 .....	1235+005
PHL 1078 .....	0135-057	POX 166 .....	1318-113	QNT2:10 .....	1234+005
PHL 1092 .....	0137+060	POX 174 .....	1320-141	QNT2:12 .....	1235+004
PHL 1093 .....	0137+012	POX 175 .....	1320-106	QNT2:14 .....	1235+005
PHL 1096 .....	0137-010	POX 184 .....	1321-095	QNT2:15 .....	1235+004
PHL 1106 .....	0139+059	POX 188 .....	1323-107	QNT2:16 .....	1235+005
PHL 1119 .....	0140+081	Boyle Objects		QNT2:19 .....	1235+002
PHL 1127 .....	0141+052	QNA1:04 .....	1335+005	QNT2:21 .....	1234+003
PHL 1186 .....	0147+089	QNA1:18 .....	1336+007	QNT2:22 .....	1234+002
PHL 1194 .....	0148+090	QNA1:20 .....	1336+006	QNT2:25 .....	1234+001
PHL 1195 .....	0148-202	QNA1:21 .....	1336+004	QNT2:26 .....	1236+004
PHL 1220 .....	0150-102	QNA1:25 .....	1336+004	QNT2:27 .....	1235+000
PHL 1222 .....	0151+048	QNA1:27 .....	1336+004	QNT2:29 .....	1236+000
PHL 1226 .....	0151+045	QNA1:28 .....	1336+005	QNT2:32 .....	1236+001
PHL 1305 .....	0226-038	QNA1:30 .....	1336+006	QNT2:37 .....	1234+001
PHL 1352 .....	0231+022	QNA1:35 .....	1335+005	QNT2:39 .....	1235+000
PHL 1377 .....	0232-042	QNA1:41 .....	1337+004	QNT3:01 .....	1235+011
PHL 1443 .....	0240+007	QNA1:42 .....	1337+004	QNT3:04 .....	1236+010
PHL 1598 .....	2128-123	QNA1:44 .....	1336+001	QNT3:06 .....	1236+011
PHL 1657 .....	2135-147	QNB1:20 .....	1040+014	QNT3:07 .....	1235+011
PHL 2278 .....	2320-035	QNB1:22 .....	1040+014	QNT3:08 .....	1236+011
PHL 2565 .....	0000-026	QNB1:24 .....	1040+013	QNT3:09 .....	1236+011
PHL 2625 .....	0003-066			QNT3:13 .....	1236+010
PHL 2871 .....	0017+154			QNT3:14 .....	1235+008
PHL 2969 .....	0044+015			QNT3:20 .....	1235+007
PHL 2981 .....	0045-260			QNT3:22 .....	1235+010
				QNT3:27 .....	1235+009
				QNT3:29 .....	1235+008
				QNT3:34 .....	1234+010
				QNT3:44 .....	1235+014

TABLE 2—Continued

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
QNY3:49 .....	1235+014	QNZ4:37 .....	1519+028	QSF3:05 .....	0340-440
QNY3:53 .....	1235+012	QNZ4:39 .....	1519+028	QSF3:08 .....	0341-441
QNY3:55 .....	1234+013	QNZ4:40 .....	1519+027	QSF3:10 .....	0340-441
QNY3:56 .....	1235+013	QNZ4:41 .....	1519+026	QSF3:12 .....	0340-440
QNY4:15 .....	1237-008	QNZ4:44 .....	1519+025	QSF3:13 .....	0340-440
QNY4:18 .....	1237-009	QNZ4:45 .....	1519+027	QSF3:15 .....	0339-442
QNY4:30 .....	1236-009	QNZ4:47 .....	1519+026	QSF3:18 .....	0340-440
QNY4:33 .....	1236-008	QNZ4:53 .....	1519+030	QSF3:19 .....	0340-440
QNY4:40 .....	1235-006	QNZ4:57 .....	1518+030	QSF3:27 .....	0339-443
QNY4:41 .....	1236-007	QNZ4:59 .....	1518+028	QSF3:29 .....	0339-441
QNY4:42 .....	1236-008	QNZ5:02 .....	1522+025	QSF3:31 .....	0340-444
QNY4:45 .....	1236-007	QNZ5:04 .....	1522+025	QSF3:32 .....	0340-443
QNY4:50 .....	1237-004	QNZ5:06 .....	1521+024	QSF3:34 .....	0340-443
QNY4:52 .....	1237-004	QNZ5:11 .....	1520+025	QSF3:35 .....	0339-445
QNY4:53 .....	1236-003	QNZ5:16 .....	1520+024	QSF3:36 .....	0339-445
QNY4:64 .....	1237-004	QNZ5:19 .....	1521+024	QSF3:39 .....	0340-442
QNY5:03 .....	1237-012	QNZ5:24 .....	1520+023	QSF3:40 .....	0341-442
QNY5:26 .....	1237-010	QNZ5:30 .....	1520+026	QSF3:45 .....	0341-444
QNY5:27 .....	1237-011	QNZ5:31 .....	1520+027	QSF3:47 .....	0341-445
QNY5:36 .....	1237-013	QNZ5:32 .....	1520+026	QSF5:01 .....	0336-444
QNY5:39 .....	1237-013	QNZ5:34 .....	1520+027	QSF5:04 .....	0336-444
QNY5:45 .....	1236-011	QNZ5:35 .....	1520+025	QSF5:09 .....	0336-443
QNY5:56 .....	1235-013	QNZ5:38 .....	1520+027	QSF5:10 .....	0335-444
QNZ1:10 .....	1518+020	QNZ5:48 .....	1521+024	QSF5:12 .....	0335-441
QNZ1:13 .....	1518+020	QNZ5:50 .....	1521+027	QSF5:15 .....	0335-443
QNZ1:15 .....	1518+020	QNZ5:51 .....	1522+026	QSF5:17 .....	0334-441
QNZ1:16 .....	1519+019	QNZ5:54 .....	1521+026	QSF5:18 .....	0335-444
QNZ1:18 .....	1519+019	QNZ5:55 .....	1521+026	QSF5:19 .....	0336-441
QNZ1:22 .....	1518+021	QNZ5:58 .....	1521+027	QSF5:20 .....	0338-443
QNZ1:23 .....	1519+019	QSF1:01 .....	0339-450	QSF5:23 .....	0337-443
QNZ1:29 .....	1519+021	QSF1:03 .....	0339-450	QSF5:25 .....	0338-443
QNZ1:31 .....	1519+023	QSF1:04 .....	0339-451	QSF5:31 .....	0337-439
QNZ1:35 .....	1519+023	QSF1:05 .....	0339-450	QSF5:33 .....	0336-442
QNZ1:38 .....	1518+022	QSF1:07 .....	0341-452	QSF5:35 .....	0336-439
QNZ1:43 .....	1517+021	QSF1:09 .....	0341-453	QSF5:36 .....	0335-440
QNZ1:45 .....	1517+022	QSF1:10 .....	0340-451	QSF5:39 .....	0337-441
QNZ1:50 .....	1518+022	QSF1:11 .....	0340-452	QSF5:40 .....	0337-444
QNZ2:01 .....	1515+027	QSF1:12 .....	0340-453	QSF5:42 .....	0336-442
QNZ2:02 .....	1516+028	QSF1:16 .....	0340-452	QSF5:44 .....	0337-443
QNZ2:03 .....	1516+027	QSF1:17 .....	0339-448	QSF5:47 .....	0337-444
QNZ2:04 .....	1516+026	QSF1:19 .....	0339-448	QSF5:48 .....	0337-445
QNZ2:05 .....	1516+028	QSF1:22 .....	0339-448	QSI2:12 .....	2238-399
QNZ2:06 .....	1516+027	QSF1:29 .....	0341-450	QSI2:15 .....	2235-401
QNZ2:12 .....	1515+026	QSF1:30 .....	0342-449	QSI2:18 .....	2235-401
QNZ2:19 .....	1515+026	QSF1:31 .....	0342-451	QSI2:30 .....	2238-403
QNZ2:20 .....	1515+029	QSF1:32 .....	0341-451	QSI2:43 .....	2238-402
QNZ2:21 .....	1514+029	QSF1:33 .....	0342-449	QSI4:12 .....	2237-393
QNZ2:22 .....	1515+028	QSF1:34 .....	0340-450	QSI4:13 .....	2237-393
QNZ2:27 .....	1515+028	QSF1:36 .....	0342-450	QSI4:14 .....	2237-393
QNZ2:31 .....	1515+027	QSF1:37 .....	0341-447	QSI4:15 .....	2236-392
QNZ2:32 .....	1516+030	QSF1:40 .....	0341-449	QSI4:37 .....	2237-395
QNZ2:36 .....	1515+027	QSF2:03 .....	0344-458	QSI4:38 .....	2237-395
QNZ2:41 .....	1516+029	QSF2:05 .....	0345-457	QSI4:40 .....	2237-396
QNZ2:46 .....	1516+028	QSF2:09 .....	0343-460	QSM1:01 .....	2206-191
QNZ2:50 .....	1516+028	QSF2:15 .....	0344-461	QSM1:03 .....	2206-194
QNZ3:22 .....	1516+014	QSF2:16 .....	0344-460	QSM1:15 .....	2207-191
QNZ3:33 .....	1516+012	QSF2:17 .....	0346-462	QSM1:19 .....	2208-194
QNZ3:45 .....	1516+015	QSF2:18 .....	0345-462	QSM1:21 .....	2208-195
QNZ3:51 .....	1515+016	QSF2:20 .....	0346-463	QSM1:25 .....	2207-196
QNZ3:54 .....	1515+017	QSF2:26 .....	0346-462	QSM1:26 .....	2208-194
QNZ3:55 .....	1515+015	QSF2:28 .....	0344-463	QSM1:31 .....	2207-196
QNZ4:02 .....	1518+030	QSF2:29 .....	0345-463	QSM1:34 .....	2206-197
QNZ4:06 .....	1518+026	QSF2:30 .....	0344-462	QSM1:35 .....	2207-196
QNZ4:14 .....	1518+025	QSF2:31 .....	0344-462	QSM1:36 .....	2207-195
QNZ4:16 .....	1518+025	QSF2:35 .....	0345-463	QSM1:38 .....	2205-196
QNZ4:23 .....	1518+028	QSF2:36 .....	0344-462	QSM2:03 .....	2206-203
QNZ4:24 .....	1518+030	QSF2:39 .....	0345-460	QSM2:07 .....	2206-199
QNZ4:28 .....	1518+028	QSF2:42 .....	0346-461	QSM2:08 .....	2205-200
QNZ4:30 .....	1519+028	QSF2:44 .....	0346-460	QSM2:09 .....	2206-199
QNZ4:35 .....	1518+028	QSF3:01 .....	0341-440	QSM2:18 .....	2207-200



TABLE 2—Continued

COORDINATE		COORDINATE		COORDINATE	
NAME	DESIGNATION	NAME	DESIGNATION	NAME	DESIGNATION
QSM2:22 .....	2207-201	QSM8:35 .....	2156-186	S 49 .....	0105-278
QSM2:31 .....	2207-199	QSM8:58 .....	2157-192	S 50 .....	0100-292
QSM2:32 .....	2207-201			S 51 .....	0042-267
QSM2:34 .....	2208-198			S 52 .....	0102-296
QSM2:36 .....	2207-200			S 53 .....	0048-264
QSM2:44 .....	2207-198			S 54 .....	0041-309
QSM3:01 .....	2203-187			S 55 .....	0105-284
QSM3:05 .....	2203-188			S 56 .....	0052-290
QSM3:06 .....	2202-189			S 57 .....	0057-282
QSM3:11 .....	2202-187			S 58 .....	0055-254
QSM3:16 .....	2203-186			S 59 .....	0054-293
QSM3:20 .....	2203-192			S 60 .....	0049-297
QSM3:21 .....	2202-189			S 61 .....	0042-266
QSM3:36 .....	2202-190			S 62 .....	0047-286
QSM3:41 .....	2201-190			S 63 .....	0043-307
QSM3:43 .....	2201-188			S 64 .....	0040-303
QSM4:05 .....	2159-190			S 65 .....	0058-263
QSM4:10 .....	2159-191			S 66 .....	0058-292
QSM4:18 .....	2159-191			S 67 .....	0050-257
QSM4:20 .....	2159-188			S 68 .....	0053-303
QSM4:28 .....	2159-188			S 69 .....	0103-263
QSM4:31 .....	2159-186			S 70 .....	0053-278
QSM4:35 .....	2159-187			S 71 .....	0103-294
QSM4:44 .....	2201-189			S 72 .....	0043-261
QSM4:46 .....	2201-189			S 73 .....	0103-301
QSM4:48 .....	2201-191			S 74 .....	0047-268
QSM4:54 .....	2200-185			S 75 .....	0044-273
QSM4:57 .....	2200-188			S 76 .....	0047-307
QSM4:59 .....	2200-187			S 77 .....	0040-279
QSM5:01 .....	2159-195			S 78 .....	0059-304
QSM5:02 .....	2159-195			S 79 .....	0043-259
QSM5:09 .....	2159-196			S 80 .....	0042-269
QSM5:15 .....	2200-196			S 81 .....	0050-283
QSM5:19 .....	2200-195			S 82 .....	0103-260
QSM5:23 .....	2200-197			S 83 .....	0053-276
QSM5:25 .....	2200-198			S 84 .....	0043-265
QSM5:27 .....	2159-194			S 85 .....	0043-275
QSM5:30 .....	2200-198			S 86 .....	0046-267
QSM5:31 .....	2200-196			S 87 .....	0057-274
QSM5:36 .....	2200-194			S 88 .....	0100-283
QSM5:42 .....	2159-192			S 89 .....	0059-287
QSM5:43 .....	2159-194			S 90 .....	0046-282
QSM5:45 .....	2159-195			S 91 .....	0046-293
QSM6:01 .....	2201-194			S 92 .....	0101-304
QSM6:07 .....	2202-196			S 93 .....	0051-279
QSM6:10 .....	2203-194				
QSM6:15 .....	2203-193				
QSM6:18 .....	2202-193				
QSM6:21 .....	2203-198				
QSM6:22 .....	2203-198				
QSM6:24 .....	2203-196				
QSM6:28 .....	2203-197				
QSM6:38 .....	2202-197				
QSM6:46 .....	2203-195				
QSM7:02 .....	2158-194				
QSM7:04 .....	2157-195				
QSM7:07 .....	2158-195				
QSM7:13 .....	2157-198				
QSM7:28 .....	2156-196				
QSM7:33 .....	2157-196				
QSM7:42 .....	2156-194				
QSM7:46 .....	2156-194				
QSM7:61 .....	2156-193				
QSM7:63 .....	2157-194				
QSM8:02 .....	2158-189				
QSM8:10 .....	2158-190				
QSM8:17 .....	2157-189				
QSM8:23 .....	2158-186				
QSM8:26 .....	2157-185				
QSM8:28 .....	2157-187				

TABLE 2—Continued

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
<b>Boyle Objects</b>					
SGP1:03 .....	0057-285	SGP4:39 .....	0056-281	TON 83 .....	1231+312
SGP1:04 .....	0056-287	SGP4:41 .....	0054-278	TON 153 .....	1317+277
SGP1:05 .....	0057-286	SGP4:45 .....	0054-277	TON 155 .....	1318+290
SGP1:06 .....	0057-286	SGP5:06 .....	0051-277	TON 156 .....	1318+290
SGP1:07 .....	0056-287	SGP5:08 .....	0050-277	TON 157 .....	1321+294
SGP1:10 .....	0055-285	SGP5:15 .....	0051-275	TON 182 .....	1402+261
SGP1:16 .....	0056-286	SGP5:16 .....	0051-274	TON 469 .....	0955+326
SGP1:17 .....	0055-288	SGP5:24 .....	0049-276	TON 488 .....	1007+303
SGP1:20 .....	0056-290	SGP5:32 .....	0050-275	TON 490 .....	1011+250
SGP1:21 .....	0056-290	SGP5:45 .....	0049-278	TON 580 .....	1128+315
SGP1:22 .....	0056-290	SGP5:46 .....	0049-277	TON 599 .....	1156+295
SGP1:31 .....	0057-288	SGP5:50 .....	0049-279	TON 616 .....	1223+252
SGP1:39 .....	0055-288	SGP6:01 .....	0049-286	TON 621 .....	1231+294
SGP2:01 .....	0048-291	SGP6:08 .....	0049-285	TON 694 .....	1300+284
SGP2:06 .....	0049-293	SGP6:10 .....	0050-280	TON 1009 .....	0906+328
SGP2:11 .....	0050-291	SGP6:14 .....	0049-280	TON 1057 .....	0923+201
SGP2:13 .....	0049-291	SGP6:17 .....	0050-281	TON 1125 .....	0952+338
SGP2:14 .....	0050-290	SGP6:18 .....	0049-282	TON 1208 .....	1018+348
SGP2:16 .....	0050-291	SGP6:20 .....	0049-283	TON 1388 .....	1116+215
SGP2:18 .....	0049-291	SGP6:22 .....	0048-282	TON 1530 .....	1222+228
SGP2:19 .....	0050-290	SGP6:23 .....	0048-283	TON 1565 .....	1309+355
SGP2:20 .....	0049-295	SGP6:27 .....	0049-281		
SGP2:25 .....	0049-295	SGP6:31 .....	0050-282	<b>University of Michigan Object</b>	
SGP2:27 .....	0049-295	SGP6:32 .....	0050-284	UM 18 .....	0002+051
SGP2:30 .....	0048-293	SGP6:33 .....	0050-285	UM 30 .....	0021+055
SGP2:34 .....	0048-293	SGP6:36 .....	0050-284	UM 35 .....	0024+033
SGP2:36 .....	0048-293	SGP7:09 .....	0053-295	UM 36 .....	0024+046
SGP2:39 .....	0048-293	SGP7:16 .....	0052-293	UM 42 .....	0027+052
SGP2:40 .....	0050-295	SGP7:20 .....	0051-293	UM 45 .....	0030+034
SGP2:44 .....	0050-293	SGP7:22 .....	0051-292	UM 46 .....	0031+035
SGP2:45 .....	0049-293	SGP7:24 .....	0051-293	UM 52 .....	0034+024
SGP2:46 .....	0050-296	SGP7:27 .....	0051-292	UM 70 .....	0045+057
SGP2:47 .....	0050-294	SGP7:28 .....	0052-294	UM 86 .....	0105+061
SGP2:48 .....	0049-293	SGP7:31 .....	0053-294	UM 87 .....	0109+022
SGP3:02 .....	0052-285	SGP7:33 .....	0053-293	UM 100 .....	0120+026
SGP3:05 .....	0051-284	SGP7:35 .....	0054-292	UM 104 .....	0126+030
SGP3:09 .....	0051-283	SGP7:36 .....	0054-292	UM 109 .....	0127+059
SGP3:10 .....	0052-283	SGP7:37 .....	0053-293	UM 114 .....	0130+033
SGP3:13 .....	0052-285	SGP7:39 .....	0053-294	UM 117 .....	0130+038
SGP3:18 .....	0053-285			UM 118 .....	0131+037
SGP3:19 .....	0052-285	<b>Tololo Objects</b>		UM 121 .....	0136+060
SGP3:20 .....	0053-286	Tololo 3 .....	1032-276	UM 125 .....	0138+030
SGP3:22 .....	0052-286	Tololo 4 .....	1032-276	UM 131 .....	0141+024
SGP3:23 .....	0051-286	Tololo 6 .....	1032-276	UM 132 .....	0141+052
SGP3:25 .....	0051-287	Tololo 7 .....	1033-268	UM 136 .....	0143+020
SGP3:27 .....	0053-286	Tololo 8 .....	1033-273	UM 139 .....	0145+042
SGP3:31 .....	0053-287	Tololo 9 .....	1033-276	UM 141 .....	0146+017
SGP3:34 .....	0053-287	Tololo 11 .....	1033-283	UM 142 .....	0147+019
SGP3:35 .....	0053-286	Tololo 13 .....	1034-277	UM 144 .....	0151+048
SGP3:37 .....	0053-288	Tololo 15 .....	1035-282	UM 145 .....	0151+045
SGP3:38 .....	0052-288	Tololo 16 .....	1035-276	UM 148 .....	0153+045
SGP3:39 .....	0053-286	Tololo 17 .....	1036-272	UM 153 .....	0156+035
SGP3:48 .....	0052-288	Tololo 18 .....	1038-271	UM 154 .....	0159+036
SGP4:02 .....	0056-279	Tololo 19 .....	1037-270	UM 164 .....	2329-020
SGP4:04 .....	0056-279	Tololo 20 .....	1037-282	UM 197 .....	0002-008
SGP4:05 .....	0056-278	Tololo 21 .....	1037-277	UM 202 .....	0004+024
SGP4:07 .....	0056-277	Tololo 22 .....	1038-272	UM 203 .....	0005-000
SGP4:08 .....	0056-279	Tololo 23 .....	1038-271	UM 208 .....	0007-000
SGP4:09 .....	0056-277			UM 209 .....	0007-017
SGP4:10 .....	0055-277	<b>Tonantzintla Objects</b>		UM 210 .....	0008-008
SGP4:14 .....	0055-277	TON S 210 ....	0119-286	UM 211 .....	0009-016
SGP4:16 .....	0055-277	TON 11 .....	0845+302	UM 212 .....	0009-018
SGP4:25 .....	0055-277	TON 28 .....	1001+291	UM 221 .....	0012-002
SGP4:27 .....	0056-277	TON 34 .....	1017+280	UM 222 .....	0012+006
SGP4:29 .....	0055-280			UM 224 .....	0013-004
SGP4:33 .....	0057-279			UM 228 .....	0018+006
SGP4:37 .....	0055-280			UM 230 .....	0019-017

TABLE 2—Continued

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
UM 232 .....	0019+011	UM 443 .....	1135+007	Faint Blue Objects	
UM 233 .....	0020-019	UM 458 .....	1148-001	US 19 .....	1253+290
UM 234 .....	0020+009	UM 464 .....	1151-004	US 39 .....	1254+304
UM 236 .....	0021+011	UM 473 .....	1201-015	US 72 .....	1256+294
UM 237 .....	0022+018	UM 485 .....	1213-002	US 122 .....	1258+287
UM 245 .....	0025-018	UM 492 .....	1217+023	US 130 .....	1258+286
UM 247 .....	0027+018	UM 497 .....	1222+023	US 136 .....	1258+285
UM 248 .....	0027+002	UM 498 .....	1222-016	US 142 .....	1258+286
UM 249 .....	0027+009	UM 502 .....	1225-017	US 189 .....	1300+284
UM 250 .....	0028-015	UM 510 .....	1237+011	US 205 .....	1301+307
UM 251 .....	0028-018	UM 511 .....	1238+006	US 211 .....	1301+295
UM 252 .....	0028+002	UM 516 .....	1242+001	US 216 .....	1301+316
UM 253 .....	0029+002	UM 519 .....	1245-004	US 256 .....	1303+308
UM 259 .....	0032-014	UM 520 .....	1246+005	US 262 .....	1303+313
UM 261 .....	0035-002	UM 524 .....	1252+012	US 272 .....	1304+310
UM 264 .....	0037-018	UM 531 .....	1255+003	US 303 .....	1305+298
UM 265 .....	0038-012	UM 536 .....	1258+016	US 308 .....	1305+301
UM 266 .....	0038-019	UM 545 .....	1305+001	US 310 .....	1305+298
UM 268 .....	0040-017	UM 556 .....	1313+011	US 314 .....	1305+295
UM 269 .....	0040+005	UM 557 .....	1314+012	US 317 .....	1306+303
UM 273 .....	0042+019	UM 561 .....	1315+014	US 323 .....	1306+276
UM 275 .....	0043+008	UM 569 .....	1319+006	US 367 .....	1308+301
UM 276 .....	0044+015	UM 579 .....	1326+021	US 370 .....	1308+284
UM 278 .....	0045-013	UM 587 .....	1331-011	US 371 .....	1308+326
UM 281 .....	0048-013	UM 590 .....	1334-005	US 383 .....	1308+294
UM 284 .....	0049-002	UM 600 .....	1338-013	US 415 .....	1309+298
UM 287 .....	0049+007	UM 607 .....	1340-006	US 519 .....	1315+302
UM 288 .....	0049+014	UM 608 .....	1342+028	US 572 .....	1317+277
UM 291 .....	0052-009	UM 611 .....	1344+016	US 611 .....	1318+290
UM 294 .....	0055+004	UM 617 .....	1349+001	US 613 .....	1318+290
UM 297 .....	0058+019	UM 627 .....	1358+000	US 737 .....	0931+437
UM 301 .....	0100+020	UM 629 .....	1400+001	US 784 .....	0934+452
UM 305 .....	0105-008	UM 632 .....	1402-012	US 792 .....	0935+424
UM 310 .....	0112-017	UM 638 .....	1405-010	US 795 .....	0935+430
UM 314 .....	0115-011	UM 645 .....	1408+009	US 842 .....	0938+455
UM 315 .....	0116-021	UM 651 .....	1412+003	US 844 .....	0938+450
UM 316 .....	0117-024	UM 655 .....	1418+020	US 851 .....	0938+451
UM 320 .....	0122-005	UM 656 .....	2236-242	US 871 .....	0939+435
UM 321 .....	0122-003	UM 657 .....	2238-175	US 889 .....	0940+460
UM 322 .....	0123-021	UM 658 .....	2244-223	US 905 .....	0941+441
UM 324 .....	0124-021	UM 659 .....	2311-036	US 922 .....	0942+443
UM 327 .....	0125-004	UM 661 .....	0014-043	US 946 .....	0943+451
UM 328 .....	0126-015	UM 662 .....	0016-179	US 969 .....	0944+440
UM 331 .....	0129-021	UM 663 .....	0021-185	US 987 .....	0945+436
UM 338 .....	0131+009	UM 664 .....	0027-186	US 995 .....	0945+438
UM 340 .....	0131+015	UM 665 .....	0029-121	US 969 .....	0944+440
UM 341 .....	0131+000	UM 666 .....	0039-031	US 987 .....	0945+436
UM 344 .....	0133+011	UM 667 .....	0045-036	US 995 .....	0945+438
UM 349 .....	0135-002	UM 668 .....	0100-190	US 1016 .....	0947+433
UM 355 .....	0137+012	UM 669 .....	0102-190	US 1023 .....	0947+458
UM 356 .....	0137-018	UM 670 .....	0114-089	US 1041 .....	0948+421
UM 357 .....	0137-010	UM 671 .....	0117-180	US 1053 .....	0949+444
UM 359 .....	0138+007	UM 672 .....	0132-197	US 1101 .....	0952+441
UM 361 .....	0140+015	UM 673 .....	0142-100	US 1107 .....	0952+457
UM 365 .....	0142+007	UM 674 .....	0148-097	US 1329 .....	0833+446
UM 366 .....	0143-015	UM 675 .....	0150-202	US 1420 .....	0836+443
UM 368 .....	0143-010	UM 676 .....	0236-181	US 1443 .....	0837+470
UM 373 .....	0150-011	UM 677 .....	0239-154	US 1498 .....	0838+456
UM 375 .....	0150-017	UM 678 .....	0249-222	US 1742 .....	0846+434
UM 381 .....	0154-020	UM 679 .....	0249-184	US 1786 .....	0847+429
UM 384 .....	0156+008	UM 680 .....	0307-195	US 1867 .....	0850+440
UM 385 .....	0157+001	UM 681 .....	0307-195	US 1885 .....	0850+473
UM 400 .....	0206+001	UM 682 .....	0308-193	US 2068 .....	0856+468
UM 402 .....	0207-003	UM 683 .....	0334-204	US 2416 .....	1123+275
UM 403 .....	0207+006	UM 684 .....	0352-275	US 2450 .....	1124+271
UM 405 .....	0208+017	UM 685 .....	0400-271	US 2538 .....	1128+315
UM 407 .....	0208-018			US 2571 .....	1129+315
UM 415 .....	0213+013			US 2599 .....	1130+284
UM 425 .....	1120+019				
UM 427 .....	1123+002				

TABLE 2—Continued

COORDINATE		COORDINATE		COORDINATE	
NAME	DESIGNATION	NAME	DESIGNATION	NAME	DESIGNATION
US 2694 .....	1134+301	VR 19.13.0 ....	1354+195	3C 66A .....	0219+428
US 2778 .....	1137+305	VR 19.22.0 ....	2248+192	3C 82 .....	0247+393
US 2813 .....	1139+286	VR 20.08.0 ....	0851+202	3C 94 .....	0350-073
US 2816 .....	1139+305	VR 21.09.0 ....	0919+218	3C 95 .....	0349-146
US 2828 .....	1139+285	VR 23.00.0 ....	0035+238	3C 108 .....	0409+229
US 2895 .....	1142+275	VR 23.17.0 ....	1756+237	3C 110 .....	0414-060
US 2978 .....	1145+321	VR 24.01.0 ....	0130+242	3C 179 .....	0723+679
US 3146 .....	0244-003	VR 24.22.0 ....	2251+244	3C 185 .....	0736-019
US 3148 .....	0244-019	VR 25.07.0 ....	0752+258	3C 197 .....	0814+227
US 3150 .....	0244-012	VR 25.09.0 ....	0953+254	3C 206 .....	0837-120
US 3166 .....	0245-017	VR 25.12.0 ....	1223+252	3C 232 .....	0955+326
US 3167 .....	0245-004	VR 26.16.0 ....	1623+269	3C 240 .....	1015+277
US 3204 .....	0246-009	VR 28.12.0 ....	1219+285	3C 243 .....	1023+067
US 3213 .....	0247+008	VR 28.16.0 ....	1606+289	3C 246 .....	1048-090
US 3216 .....	0247+002	VR 28.18.0 ....	1830+285	3C 261 .....	1132+303
US 3219 .....	0247-003	VR 28.23.0 ....	2353+283	3C 279 .....	1253-055
US 3221 .....	0248-009	VR 29.21.0 ....	2156+297	3C 281 .....	1305+069
US 3224 .....	0248-001	VR 30.08.0 ....	0801+303	3C 303C .....	1441+522
US 3229 .....	0248+011	VR 31.15.0 ....	1525+314	3C 311 .....	1502+602
US 3254 .....	0249-001	VR 40.09.0 ....	0945+408	3C 342 .....	1634+269
US 3268 .....	0250-012	VR 40.11.0 ....	1111+408	3C 395 .....	1901+319
US 3277 .....	0250-020	VR 40.18.0 ....	1819+408	3C 407 .....	2005-044
US 3293 .....	0251-000	VR 42.22.0 ....	2200+420	3C 422 .....	2044-027
US 3321 .....	0251-009	VR 43.07.0 ....	0726+431	3C 446 .....	2223-052
US 3325 .....	0252+016	VR 43.09.0 ....	0906+430	3C 463 .....	2325+269
US 3333 .....	0252+002			3CR 2 .....	0003-003
US 3342 .....	0252+016			3CR 9 .....	0017+154
US 3349 .....	0252+013			3CR 14 .....	0033+183
US 3354 .....	0253+004			3CR 43 .....	0127+233
US 3363 .....	0253+006			3CR 47 .....	0133+207
US 3375 .....	0253+004			3CR 48 .....	0134+329
US 3390 .....	0254+000			3CR 48/54 .....	0141+339
US 3426 .....	0255-015			3CR 61.1 .....	0210+860
US 3430 .....	0255+015			3CR 68.1 .....	0229+341
US 3437 .....	0255-002			3CR 93 .....	0340+048
US 3456 .....	0256-005			3CR 138 .....	0518+165
US 3461 .....	0256+007			3CR 147 .....	0538+498
US 3464 .....	0256-005			3CR 154 .....	0610+260
US 3468 .....	0257-006			3CR 175 .....	0710+118
US 3472 .....	0257+004			3CR 181 .....	0725+147
US 3493 .....	0257+012			3CR 186 .....	0740+380
US 3496 .....	0257+019			3CR 190 .....	0758+143
US 3498 .....	0257+024			3CR 191 .....	0802+103
US 3499 .....	0257-010			3CR 196 .....	0809+483
US 3514 .....	0258+016			3CR 204 .....	0833+654
US 3523 .....	0258+016			3CR 205 .....	0835+580
US 3531 .....	0258+007			3CR 207 .....	0838+133
US 3532 .....	0259+014			3CR 208 .....	0850+140
US 3533 .....	0259+015			3CR 212 .....	0855+143
US 3540 .....	0259+015			3CR 215 .....	0903+169
US 3543 .....	0259-002			3CR 216 .....	0906+430
US 3556 .....	0259-016			3CR 220.2 ....	0927+362
US 3605 .....	0301+001			3CR 245 .....	1040+123
US 3654 .....	0303+011			3CR 249.1 ....	1100+772
				3CR 254 .....	1111+408
				3CR 263 .....	1137+660
				3CR 268.4 ....	1206+439
				3CR 270.1 ....	1218+339
				3CR 273 .....	1226+023
				3CR 275.1 ....	1241+166
				3CR 277.1 ....	1250+568
				3CR 280.1 ....	1258+404
				3CR 286 .....	1328+307
				3CR 287 .....	1328+254
				3CR 288.1 ....	1340+606
				3CR 298 .....	1416+067
				3CR 309.1 ....	1458+718
				3CR 323.1 ....	1545+210
				3CR 334 .....	1618+177
				3CR 336 .....	1622+238
Vermilion River Observatory					
		</			

TABLE 2—Continued

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
3CR 343 .....	1634+628	4C 05.55 .....	1253-055	4C 15.02 .....	0017+154
3CR 345 .....	1641+399	4C 05.62 .....	1454-060	4C 15.45 .....	1509+158
3CR 351 .....	1704+608	4C 05.64 .....	1508-055	4C 15.54 .....	1604+159
3CR 371 .....	1807+698	4C 05.81 .....	2150+053	4C 15.55 .....	1622+158
3CR 380 .....	1828+487	4C 05.84 .....	2222+051	4C 15.58 .....	1639+155
3CR 418 .....	2037+511	4C 05.92 .....	2223-052	4C 15.76 .....	2251+158
3CR 432 .....	2120+168	4C 05.93 .....	2225-055	4C 16.12 .....	0518+165
3CR 454 .....	2249+185	4C 05.95 .....	2303-052	4C 16.26 .....	0903+169
3CR 454.3 ....	2251+158	4C 06.04 .....	0046-067	4C 16.30 .....	1104+167
3CR 455 .....	2252+129	4C 06.35 .....	1335-061	4C 16.34 .....	1241+166
4C Sources		4C 06.40 .....	1023+067	4C 16.39 .....	1400+162
4C 08.66 .....	2217+087	4C 06.41 .....	1038+064	4C 16.49 .....	1732+160
4C 00.01 .....	0003-003	4C 06.45 .....	1305+069	4C 16.72 .....	2120+168
4C 00.06 .....	0056-001	4C 06.49 .....	1416+067	4C 17.04 .....	0007+171
4C 00.10 .....	0122-003	4C 06.69 .....	2145+067	4C 17.09 .....	0109+176
4C 00.12 .....	0222-008	4C 06.76 .....	2345+061	4C 17.22 .....	0404+177
4C 00.14 .....	0300-004	4C 07.04 .....	0114+074	4C 17.46 .....	0856+170
4C 00.28 .....	0743-006	4C 08.04 .....	0033+079	4C 17.59 .....	1433+177
4C 00.34 .....	0957+003	4C 08.62 .....	2128+089	4C 17.65 .....	1559+173
4C 00.43 .....	1103-006	4C 08.64 .....	2209+080	4C 17.68 .....	1618+177
4C 00.45 .....	1254+006	4C 09.01 .....	0033+098	4C 17.73 .....	1700+180
4C 00.47 .....	1148-001	4C 09.17 .....	0445+097	4C 17.86 .....	2112+172
4C 00.50 .....	1317-005	4C 09.31 .....	0846+100	4C 17.87 .....	2131+175
4C 00.57 .....	1449-012	4C 09.35 .....	0952+097	4C 18.07 .....	0158+183
4C 01.02 .....	0106+013	4C 09.37 .....	1047+096	4C 18.34 .....	1221+186
4C 01.04 .....	0137+012	4C 09.39 .....	1150+095	4C 18.36 .....	1308+182
4C 01.05 .....	0157+011	4C 09.52 .....	1451+097	4C 18.43 .....	1540+180
4C 01.11 .....	0225-014	4C 09.57 .....	1749+096	4C 18.45 .....	1547+187
4C 01.18 .....	0736-019	4C 09.72 .....	2308+098	4C 18.47 .....	1606+180
4C 01.24 .....	0906+015	4C 09.74 .....	2344+092	4C 18.51 .....	1739+184
4C 01.28 .....	1055+018	4C 10.06 .....	0214+108	4C 18.67 .....	2249+185
4C 02.04 .....	0115+027	4C 10.25 .....	0802+103	4C 18.68 .....	2305+187
4C 02.12 .....	0233-025	4C 10.30 .....	1058+110	4C 19.30 .....	0827+193
4C 02.15 .....	0317-023	4C 10.33 .....	1130+106	4C 19.31 .....	0836+195
4C 02.19 .....	0458-020	4C 10.34 .....	1203+109	4C 19.34 .....	1022+194
4C 02.23 .....	0812+020	4C 10.39 .....	1502+106	4C 19.44 .....	1354+195
4C 02.27 .....	0932+022	4C 10.43 .....	1524+101	4C 19.74 .....	2248+192
4C 02.30 .....	1012+022	4C 10.66 .....	2140+102	4C 20.07 .....	0133+207
4C 02.32 .....	1226+023	4C 10.67 .....	2158+101	4C 20.24 .....	1055+201
4C 02.38 .....	0913-025	4C 10.73 .....	2328+107	4C 20.29 .....	1225+206
4C 02.54 .....	2207+020	4C 11.26 .....	0710+118	4C 20.33 .....	1422+202
4C 02.55 .....	1229-021	4C 11.32 .....	0926+117	4C 21.25 .....	0919+218
4C 02.58 .....	2318+026	4C 11.45 .....	1318+113	4C 21.28 .....	1049+215
4C 02.80 .....	2044-027	4C 11.50 .....	1548+114	4C 21.35 .....	1222+216
4C 02.81 .....	2131-021	4C 11.69 .....	2230+114	4C 21.45 .....	1545+210
4C 03.02 .....	0118+034	4C 11.72 .....	2251+113	4C 21.59 .....	2149+212
4C 03.07 .....	0226-038	4C 12.17 .....	0352+123	4C 22.08 .....	0409+229
4C 03.10 .....	0504+030	4C 12.37 .....	1040+123	4C 22.20 .....	0814+227
4C 03.11 .....	0312-034	4C 12.39 .....	1116+128	4C 22.25 .....	0957+227
4C 03.23 .....	1222+037	4C 12.40 .....	1118+128	4C 22.26 .....	1001+226
4C 03.59 .....	2335+031	4C 12.46 .....	1307+121	4C 22.47 .....	1819+228
4C 03.79 .....	2216-038	4C 12.59 .....	1629+120	4C 23.24 .....	1012+232
4C 03.81 .....	2243-032	4C 12.79 .....	2252+129	4C 23.43 .....	1622+238
4C 04.04 .....	0119-046	4C 13.14 .....	0229+131	4C 24.02 .....	0130+242
4C 04.06 .....	0232-042	4C 13.38 .....	0838+133	4C 24.23 .....	1048+240
4C 04.13 .....	0340+048	4C 13.39 .....	0843+136	4C 24.31 .....	1423+242
4C 04.53 .....	1542+042	4C 13.41 .....	1004+130	4C 24.32 .....	1435+248
4C 04.76 .....	2005-044	4C 13.46 .....	1210+134	4C 24.61 .....	2251+244
4C 04.81 .....	2338+042	4C 13.55 .....	1530+137	4C 25.01 .....	0017+257
4C 05.03 .....	0044-056	4C 13.84 .....	2247+132	4C 25.05 .....	0123+257
4C 05.06 .....	0135-057	4C 13.85 .....	2251+134	4C 25.21 .....	0730+257
4C 05.17 .....	0414-060	4C 14.24 .....	0725+147	4C 25.40 .....	1223+252
4C 05.34 .....	0805+046	4C 14.25 .....	0758+143	4C 25.43 .....	1328+254
4C 05.38 .....	0911+053	4C 14.28 .....	0850+140	4C 26.20 .....	0610+260
4C 05.46 .....	1046+053	4C 14.30 .....	0855+143	4C 26.48 .....	1623+269
4C 05.48 .....	1104+058	4C 14.31 .....	0922+149	4C 26.49 .....	1634+269
		4C 14.60 .....	1538+149	4C 26.51 .....	1657+265
		4C 14.82 .....	2247+140	4C 27.21 .....	1015+277
		4C 14.85 .....	2354+144	4C 27.38 .....	1741+279
		4C 15.01 .....	0003+158	4C 27.41 .....	1807+279



TABLE 2—Continued

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
4C 27.52 .....	2325+269	4C 44.17 .....	0821+447	5C Sources	
4C 28.07 .....	0234+285	4C 45.26 .....	1247+450	5C2.10 .....	1049+489
4C 28.25 .....	1011+280	4C 45.34 .....	1705+456	5C2.56 .....	1055+499
4C 28.40 .....	1606+289	4C 45.51 .....	2351+456	5C3.178 .....	0045+395
4C 28.45 .....	1830+285	4C 46.29 .....	1415+463	5C3.20 .....	0032+423
4C 28.59 .....	2353+283	4C 47.08 .....	0300+470	5C3.44 .....	0034+393
4C 29.01 .....	0051+291	4C 47.29 .....	0859+470	5C4.105 .....	1258+287
4C 29.02 .....	0110+297	4C 47.33 .....	1148+477	5C6.189 .....	0215+315
4C 29.27 .....	0751+298	4C 47.44 .....	1636+473	5C7.214 .....	0820+296
4C 29.45 .....	1156+295	4C 47.48 .....	1816+475	5C12.121.1....	1257+346
4C 29.50 .....	1702+298	4C 48.22 .....	0809+483	5C12.89.4 ....	1256+357
4C 29.64 .....	2156+297	4C 48.28 .....	1012+488	MISCELLANEOUS	
4C 29.68 .....	2325+293	4C 48.46 .....	1828+487	ALW 11 .....	0642-506
4C 30.13 .....	0801+303	4C 49.14 .....	0538+498	AP LIB .....	1514-241
4C 30.22 .....	1132+303	4C 49.22 .....	1150+497	BA 54-182 ...	1033+293
4C 30.25 .....	1248+305	4C 49.29 .....	1729+491	BL LAC .....	2200+420
4C 30.26 .....	1328+307	4C 50.43 .....	1729+501	C 32 .....	1302+360
4C 31.03 .....	0110+318	4C 50.47 .....	1924+507	GQ COMAE .....	1202+281
4C 31.06 .....	0154+316	4C 51.37 .....	1739+522	KAZARYAN 102 .	1803+676
4C 31.30 .....	0742+318	4C 51.42 .....	2037+511	PAVO XD-10 ...	2111-679
4C 31.32 .....	0844+319	4C 52.27 .....	1317+520	R 21 .....	1908-600
4C 31.38 .....	1153+317	4C 52.33 .....	1441+522	R 206 .....	1721+343
4C 31.63 .....	2201+315	4C 53.24 .....	1213+538	RMB 98 .....	1222+135
4C 32.08 .....	0134+329	4C 53.28 .....	1347+539	RMB 109 .....	1232+125
4C 32.14 .....	0333+321	4C 54.18 .....	0906+546	RMB 207 .....	1228+112
4C 32.33 .....	0955+326	4C 55.17 .....	0954+556	V396 HER .....	1720+246
4C 32.41 .....	1244+324	4C 55.27 .....	1332+552	W COM .....	1219+285
4C 32.69 .....	2349+327	4CP 56.16A....	0820+560		
4C 33.01 .....	0007+332	4C 56.20 .....	1250+568		
4C 33.03 .....	0141+339	4C 56.27 .....	1823+568		
4C 33.29 .....	1218+339	4C 56.28 .....	1857+566		
4C 34.08 .....	0229+341	4C 57.15 .....	0805+578		
4C 34.13 .....	0313+344	4C 57.27 .....	1602+576		
4C 34.47 .....	1721+343	4C 57.28 .....	1656+571		
4C 35.20 .....	0824+355	4C 57.29 .....	1658+575		
4C 35.21 .....	0952+357	4C 58.16 .....	0835+580		
4C 35.28 .....	1213+350	4C 58.17 .....	0850+581		
4C 35.41 .....	1620+356	4C 58.27 .....	1345+584		
4C 36.15 .....	0927+362	4C 58.29 .....	1356+581		
4C 36.22 .....	1255+370	4C 58.32 .....	1634+589		
4C 36.28 .....	1628+363	4C 60.15 .....	1045+604		
4C 37.24 .....	0827+378	4C 60.18 .....	1340+606		
4C 37.43 .....	1512+370	4C 60.19 .....	1502+602		
4C 37.45 .....	1542+373	4C 60.24 .....	1704+608		
4C 38.20 .....	0704+384	4C 61.19 .....	0839+616		
4C 38.21 .....	0740+380	4C 61.20 .....	1049+616		
4C 38.28 .....	0913+391	4C 61.34 .....	1742+617		
4C 38.31 .....	1148+387	4CP 62.12B....	0821+621		
4C 38.37 .....	1343+386	4C 62.26 .....	1634+628		
4C 38.41 .....	1633+382	4C 63.15 .....	1156+631		
4C 39.10 .....	0247+393	4C 64.15 .....	1215+643		
4C 39.23 .....	0821+394	4C 65.09 .....	0833+654		
4C 39.25 .....	0923+392	4C 65.13 .....	1152+659		
4C 39.27 .....	0937+391	4C 65.15 .....	1323+655		
4C 39.46 .....	1632+391	4C 65.21 .....	1732+655		
4C 39.48 .....	1641+399	4C 66.13 .....	1137+660		
4C 39.49 .....	1652+398	4C 67.14 .....	0723+679		
4C 40.24 .....	0945+408	4C 68.18 .....	1629+680		
4C 40.28 .....	1111+408	4C 69.18 .....	1503+691		
4C 40.32 .....	1258+404	4C 69.21 .....	1642+690		
4C 40.37 .....	1819+408	4C 69.24 .....	1807+698		
4C 41.21 .....	1007+417	4C 71.07 .....	0836+710		
4C 41.32 .....	1624+416	4C 71.15 .....	1458+718		
4C 42.01 .....	0032+423	4C 72.16 .....	1058+726		
4C 43.14 .....	0726+431	4C 73.18 .....	1928+738		
4C 43.17 .....	0906+430	4C 74.26 .....	2043+749		
4C 43.21 .....	1109+437	4C 77.09 .....	1100+772		
4C 43.23 .....	1206+439				
4C 43.39 .....	1629+439				
4C 44.07 .....	0307+444				

TABLE 3  
OBJECTS WHICH ARE IN THE HEWITT & BURBIDGE  
(1991) CATALOG AND NO LONGER  
IN THE QSO CATALOG

Coordinate Name	Other Name	<i>z</i>
0003+199 .....	MKN 335	0.025
0007+106 .....	III ZW 2	0.0890
0037+061 .....	...	0.063
0050+124 .....	I ZW 1	0.061
0111-015 .....	1E	0.120
0119-013 .....	II ZW 1	0.054
0121-590 .....	F 9	0.046
0134+033 .....	PHL 1070	0.0793
0148-518 .....	...	0.0553
0241+622 .....	4U	0.044
1032-270 .....	TOLOLO 2	0.06
1059+730 .....	...	0.089
1142+310 .....	US 2896	0.060
1219+755 .....	MKN 205	0.07
1219+047 .....	...	0.094
1220+160 .....	...	0.081
1225+317 .....	...	0.083
1225+089 .....	1E	0.085
1229+204 .....	TON 1542	0.064
1257+286 .....	X COMAE	0.092
1351+640 .....	PG	0.088
1403+546 .....	1E	0.082
1519-065 .....	...	0.084
1530+151 .....	1E	0.090
1557+272 .....	...	0.065
1602+241 .....	1E	0.087
2130+099 .....	II ZW 136	0.061
2206-197 .....	...	0.064
2355-329 .....	...	0.071

TABLE 4  
QUASI-STELLAR OBJECTS WITHOUT COORDINATES

Coordinate Name	<i>z</i>	<i>m<sub>R</sub></i>	Reference
0035-25 .....	4.15	18.9	1
0047-23 .....	3.422		2
0103+00 .....	4.44	18.6	1
0111-28 .....	4.30	18.7	1
0112-27 .....	2.894		2
0112-30 .....	2.985		2
0115-30 .....	3.249		2
0135-42 .....	3.97	18.5	1
0151-00 .....	4.20	18.9	1
0241-01 .....	4.07	18.2	1
0952-01 .....	4.43	18.7	1
1013+00 .....	4.40	18.8	1
1050-00 .....	4.30	18.5	1
1052+04 .....	3.391		2
1205-30 .....	3.036		2
1159+00 .....	2.586		2
1159+01 .....	3.269		2
1500+08 .....	3.98	19.2	1
2235-03 .....	4.25	18.2	1
2239-58 .....	3.554		2
2334+10 .....	2.243		2
2351+10 .....	2.379		2

REFERENCES.—(1) Irwin & McMahon 1990; (2)  
Lanzetta, K. M. et al. 1991.