

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 McMahan 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 & McMahan (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_{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, Formiggini, & Gandolfi (1970); Braccesi, Lynds, & Sandage (1968).
ir/r	infrared/radio		
Jmag	defined in Koo & Kron (1982). See also Kron (1980).		
m(or)	passband on direct plates used in UK Schmidt Survey	B1	The First Bologna Catalog of Radio Sources, 408 MHz (Braccesi et al. 1965).
mf	multifrequency observations	B2	The Second Bologna Catalog of Radio Sources, 408 MHz (Colla et al. 1970, 1972, 1973).
mm	millimeter-wave observations		
mmvar	millimeter-wave variable		
neml	narrow emission lines	BF	Braccesi faint ultraviolet-excess objects (Formiggini et al. 1980).
OVV	optical violent variable		
phot	photometry	BSO	Blue stellar objects (Sandage & Véron 1965).
pol	optical polarization		
poljet	polarized jet	CS	Optically selected quasar candidates in a field containing the South Galactic Pole (Clowes & Savage 1983).
pos	position		
rjet	radio jet		
rnd	not detected as radio source	CSO	Case stellar objects (Pesch & Sanduleak 1983, 1986, 1988, 1989; Sanduleak & Pesch 1984, 1989, 1990).
rpol	radio polarization		
rvar	radio variable		
si	speckle interferometry	CT	Cerro el Roble sample of faint ultraviolet-excess objects (Campusano & Torres 1983).
sp	spectra		
spext	spectroscopy of the extension	CTA	Caltech Radio Survey, List A, 960 MHz (Harris & Roberts 1960).
spvar	spectral variability		
ubv	colors	CTD	Caltech Radio Survey, List D, 1421 MHz (Kellermann & Read 1965).
ubvri	extended photometry		
uv	ultraviolet spectra	CTS	Calán-Tololo Survey (Maza et al. 1989, 1991, 1992).
uvabs	ultraviolet absorption		
uvem	ultraviolet emission	DA	Dominion Radio Observatory Survey, List A, 1420 MHz (Galt & Kennedy 1968).
uvnd	not detected in the ultraviolet		
uvvar	ultraviolet variable	DB	Dominion Radio Observatory Survey, List B, 10.03 MHz (Bridle & Purton 1968).
uv/ir	spectrophotometry in the ultraviolet and near infrared	DHM	University of Durham source (Shanks, Fong, & Boyle 1983).
varnd	variability not detected		
vlbi	very long baseline interferometry (radio)	DW	Dwingeloo-Green Bank Radio Source List, 1417 MHz (Davis 1967).
x	X-ray		
xnd	not detected as X-ray source	E	Source identified using the <i>Einstein Observatory</i> (Giacconi et al. 1979).
xvar	X-ray variable		
zgal	redshift of galaxy apparently containing BL Lac source	ESO	ESO/Uppsala Survey of the ESO (B) Atlas (Holmberg et al. 1978).

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).	F855, 61, 64	A spectroscopic survey of faint QSOs using multicolor techniques (Boyle, Jones, & Shanks 1991).
A3	Asiago UVX objects (Barbieri & Benvenuti 1974).	GC	NRAO 5 GHz Radio Survey (Davis 1971).
A0	Arecibo Occultation Survey, 430 and 195	GV	408 MHz Radio Survey (Grueff & Vigotti 1968).
		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).	
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.	POX Objects discovered by Kunth, Sargent, & Kowal (1981).
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).	QX, QS QSOs identified in an optical survey for clustering (Boyle 1986).
MSH	Mills, Slee, Hill Radio Survey, 855 MHz (Mills, Slee, & Hill 1958, 1960, 1961).	RN 178 MHz survey of sources north of 86° (Ryle & Neville 1962).
MZZ	A sample of optically selected quasars brighter than $J = 22.0$ in a field of 0.69 square degrees (Marano, Zamorani, & Zitzelle 1988).	RS Ultraviolet-excess objects near M3 (Richter & Sahakjan 1965).
NAB	Neta A. Bahcall, QSOs in the direction of Abell clusters (Bahcall, Bahcall, & Schmidt 1973).	S4 NRAO-Bonn S4 Survey (Pauliny-Toth et al. 1978).
NB	Mullard Radio Observatory, 81.5 MHz (Branson 1967).	S5 MPIFR 5 GHz Survey (Kühr et al. 1981).
NRAO	National Radio Astronomy Observatory Catalog 750 + 1400 MHz (Pauliny-Toth, Wade, & Heeschen 1966).	S A wide-field multicolor survey for high-redshift quasars (Warren et al. 1991; Warren, Hewett, & Osmer 1991).
OA	Ohio source, 1415 MHz (Kraus 1964; Nash 1965; Kraus, Dixon, & Fisher 1966).	SBS Second Byurakan spectral sky survey. Stellar and Seyfert objects. (Markarian et al. 1977a, b, 1979a, b, c, 1980, 1983, 1984).
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 ^h 01 (thus OQ 172 has 10° < δ < 10° and $\alpha = 14^{\text{h}}72$).	SGP QSOs identified in an optical survey for clustering. (Boyle 1986).
OTL	Ooty occultation radio source, 327 MHz (Kapahi, Joshi, & Kandaswamy 1973; Kapahi et al. 1973).	TOLOLO Optical survey for faint quasars (Bohuski & Weedman 1979).
PB	Faint Blue Stars at High Galactic Latitude (Berger & Fringant 1977, 1980).	TON Tonantzintla blue stellar objects (Iriarte & Chavira 1957; Chavira 1958, 1959).
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).	UM Curtis Schmidt Thin Prism Survey for Extragalactic Emission-Line Objects (MacAlpine, Smith, & Lewis 1977a, b; MacAlpine, Lewis, & Smith 1977; MacAlpine & Lewis 1978).
PG	Palomar-Green bright quasar survey (Green 1976; Schmidt & Green 1983).	US Faint Blue Objects at High Galactic Latitude (Usher 1981; Usher, Mattson, & Warnock 1982; Usher & Mitchell 1982; Huang & Usher 1984).
PHL	Palomar-Haro-Luyten blue stellar objects at high Galactic latitude (Haro & Luyten 1962).	UT University of Texas Radio Astronomy Observatory sources (Douglas et al. 1973; Wills, Wills, & Douglas 1985).
PKS	Parkes Radio Catalog, 408 and 1410 MHz (Ekers 1969), Parkes 2700 MHz Survey	VR Vermilion River Observatory Survey, 610 MHz (MacLeod et al. 1965; Wendker et al. 1970).
		W Faint blue objects near the north Galactic pole (Weistrop 1973).
		W1, 2, 3, 4, Westerbork Synthesis Radio Telescope (WSRT) sources (Willis, Oosterbaan, & de Ruiter 1976).
		53W, 55W Westerbork Survey, number 53 Hercules field, number 55 SA 28 field (Windhorst 1984; Windhorst, Van Heerde, & Katgert 1984).
		WDM Very Blue Stellar Objects near Galaxies (Weedman 1971).
		ZW Zwicky compact objects (Zwicky 1971).
		3C Third Cambridge Radio Catalogue, 159 MHz (Edge et al. 1959).
		3CR 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.

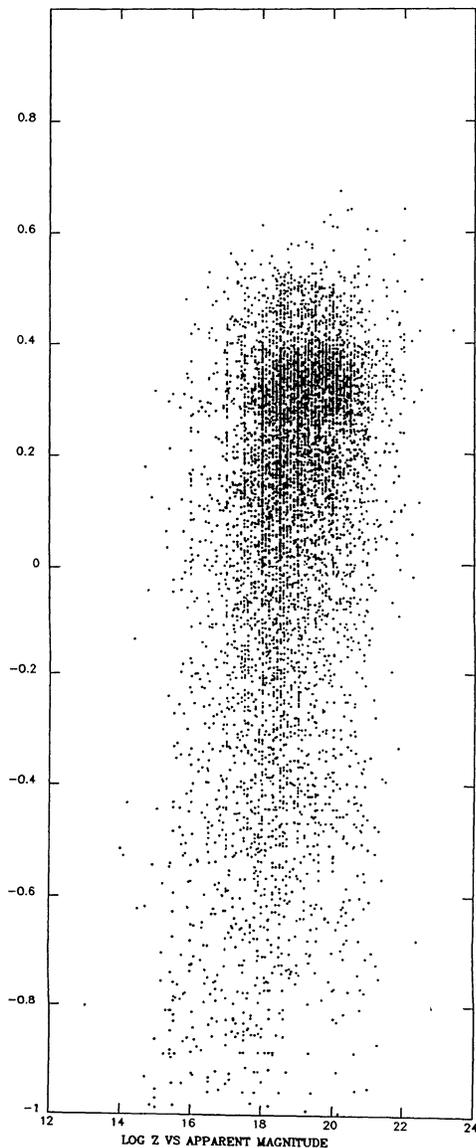


FIG. 1.—Plot of $\log z$ against apparent magnitude for all of the QSOs in Table 1.

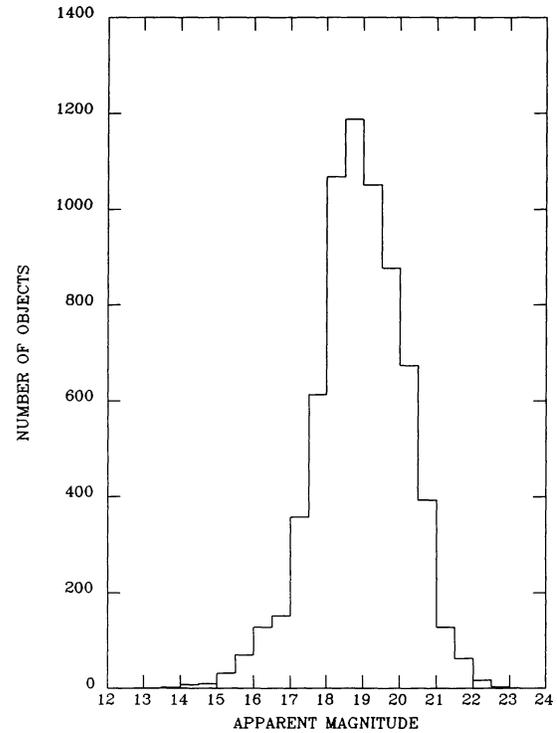


FIG. 2.—Histogram showing the distribution of apparent magnitudes of all of the QSOs in Table 1.

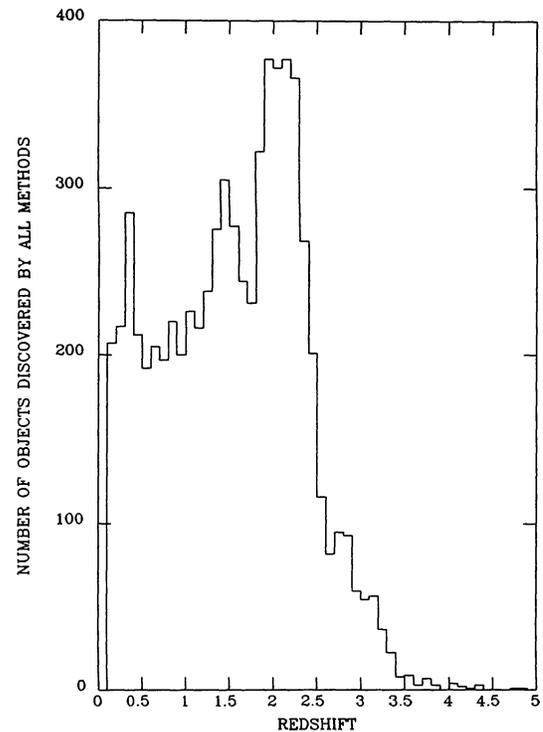


FIG. 3.—Histogram showing the emission redshift distribution for all of the QSOs in Table 1.

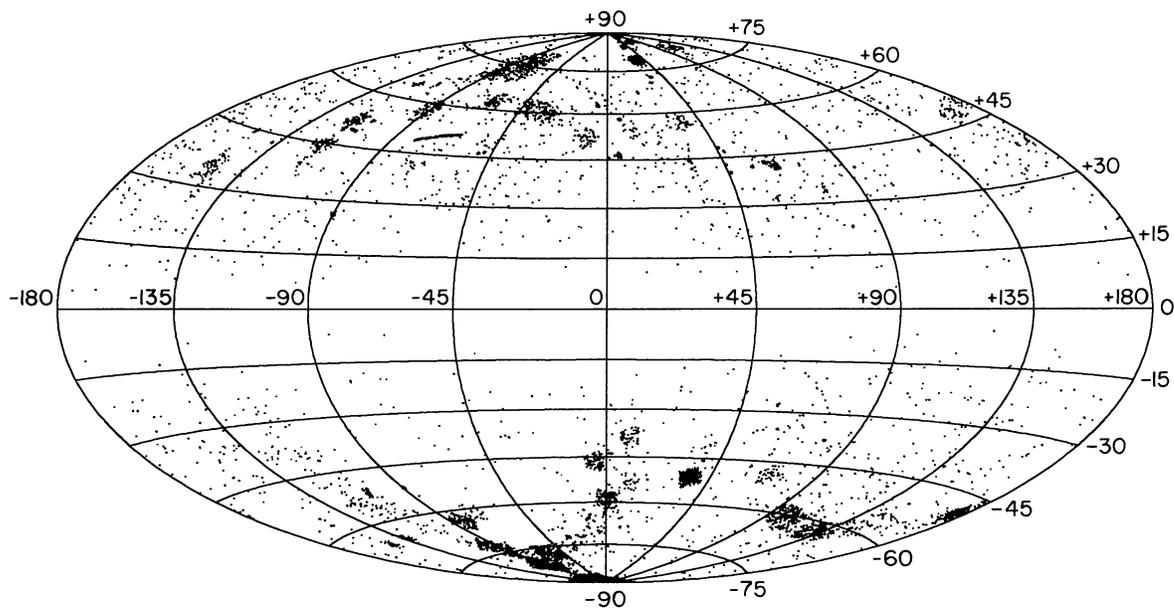


FIG. 4.—Distribution of 7315 QSOs on the sky in Galactic coordinates (Aitoff projection)

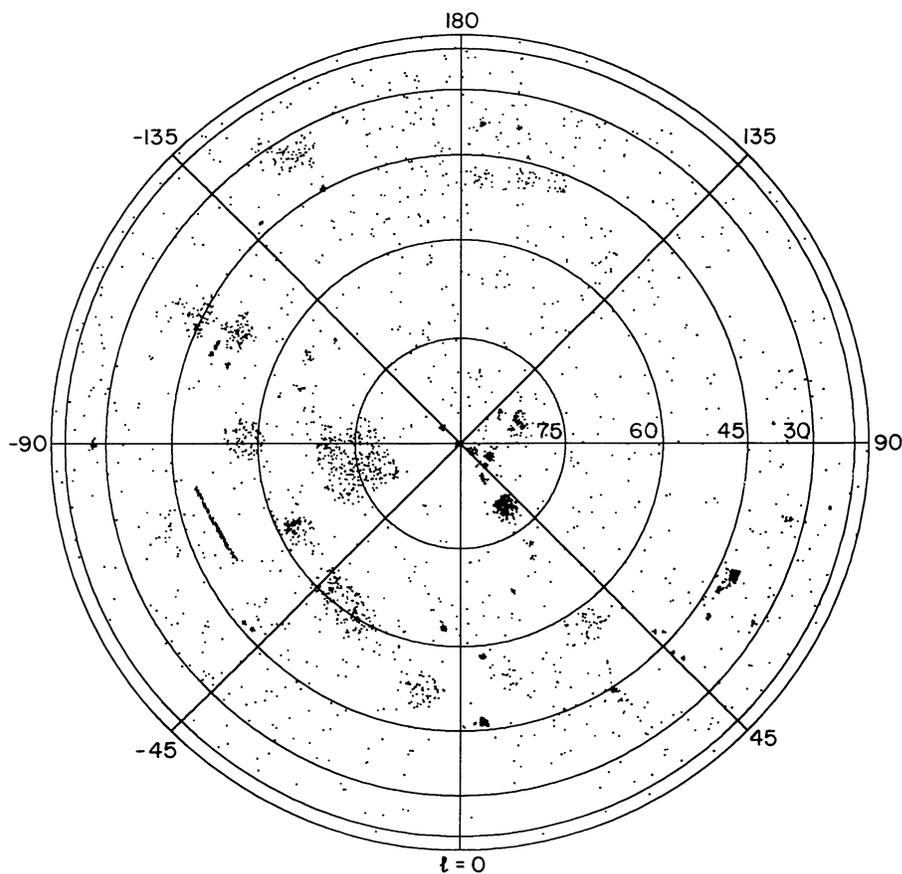


FIG. 5.—Distribution of 7315 QSOs in Galactic coordinates viewed from the North Galactic Pole. (Center of plot is $b = 90^\circ$)

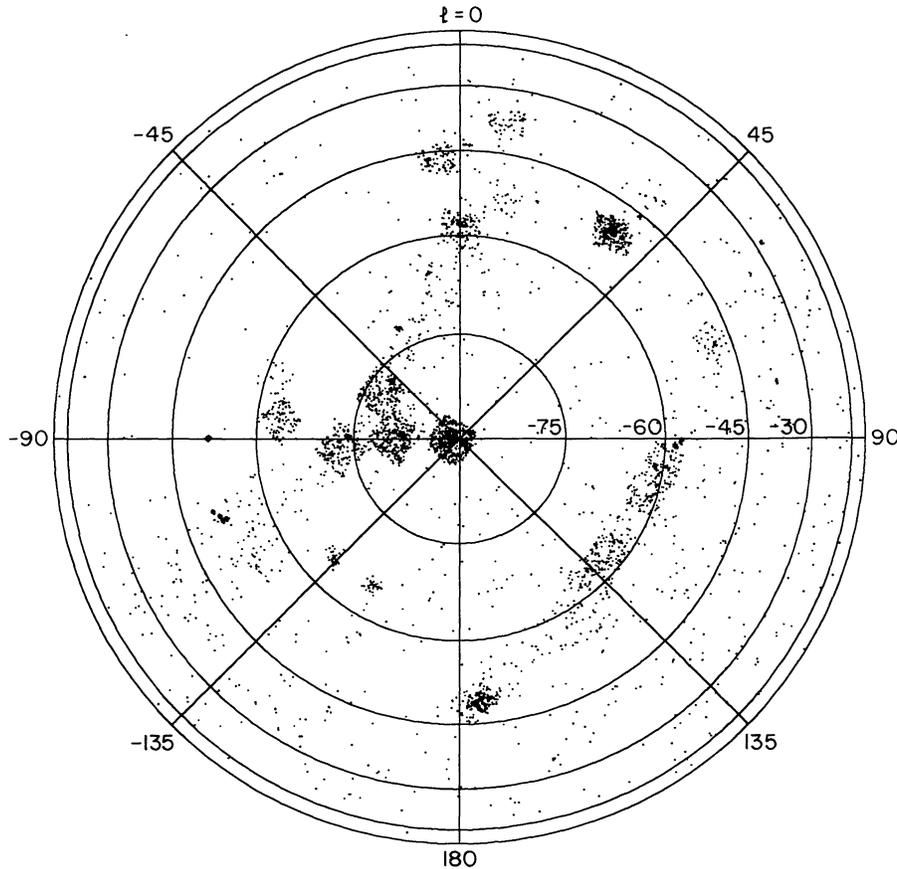


FIG. 6.—Distribution of 7315 QSOs in Galactic coordinates viewed from the South Galactic Pole. (Center of plot is $b = -90^\circ$)

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 I
OPTICAL CATALOG OF QUASI-STELLAR OBJECTS

	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				
0000-026	PHL 2565	0 0 3.58	0 2 37.34	18.8			1.74	H I	1216	1387	1387					2274B(J)mag	
	O	-2 37 54.0	-2 21 11.9					C IV	1549	1871							
								C III	1909								
0000+019		0 0 4.26	0 2 38.05	18.4			1.08			2043	2043					2043B(J)mag	
	O	1 59 15.5	2 15 57.5														
0000+011		0 0 19.9	0 2 53.68	20.0			2.803	H I	1216	1072	2199					2274B(J)mag	
	O	1 9 38.5	1 26 20.5					O IV	1402								
								C IV	1549								
0000+025	A	0 0 24.0	0 2 57.80	18.8			1.684	C IV	1549	1825	1901						
	O	2 31 57	2 48 39.0					C III	1909		2307						
0000+027	A	0 0 26.7	0 3 0.50	20.14			2.384	C IV	1549	1825	2307						
	O	2 45 45	3 2 27.0					C III	1909								
0000-398		0 0 30.31	0 3 3.65	18.8			2.827*	O VI	1034	2.5167	330	331	788	535	911,980,1138,		
	O	-39 48 49.6	-39 32 7.4					H I	1216	2.3985		478			2228		
	R							N V	1240			535			2263		
								O I	1304								
								C II	1335								
								Si IV	1397								
								C IV	1549								
0000-177	PKS	0 0 48.55	0 3 22.13	19			1.465+	C IV	1549	466	466		466	466			
	R MC	-17 43 56.4	-17 27 14.3					H α II	1640				1966				
								N III	1750								
								C III	1909								
								Mg II	2798								
0000-022		0 0 48.8	0 3 22.55	20.8			2.20	H I	1216	1387	1387					pos & B(J)mag,	
	O	-2 17 35.1	-2 0 53.1					C IV	1549							2274	
0000-263		0 0 49.5	0 3 22.97	18			4.111*	H I	1216	4.1324	1857	1857	1857	2014fc,2014sp			
	O	-26 20 1	-26 3 18.8					O I	1304	3.5363	1874	1874	1874	Ly alpha abs,			
								Si II	1307	3.3898		2059	2059	1857,2014;			
								Si IV	1397			2125	2125	Ly limit abs,			
								O IV	1402			2228	2228	1874; z=3.412;			
								C IV	1549			2243	2243	damped Ly			
												2263	2263	alpha, z=3.37,			
														1874,2059,2243			
0000-022		0 0 54.1	0 3 27.85	20.0			2.22	C IV	1549	1387	1387					pos & B(J)mag,	
	O	-2 16 59.9	-2 0 17.9					C III	1909							2274	
0000-427		0 0 54.1	0 3 27.29	20.4			1.70	H I	1216	430	1022						
	O	-42 44 4	-42 27 21.8					Si IV	1397		430						
								C IV	1549		479						
								C III	1909								
0000-426		0 0 56	0 3 29.18	21.1			2.11	H I	1216	430	1022						
	O	-42 39 14	-42 22 31.8					C IV	1549		430						
											479						
0000-001		0 0 56.5	0 3 30.27	19.8			2.59	O VI	1034	1072	1072					2274B(J)mag	
	O	-0 8 30.1	0 8 11.9					H I	1216								
0000+016		0 0 57.1	0 3 30.89	19.9			(2.22)	H I	1216	1072	1072					pos & B(J)mag,	
	O	1 37 35.6	1 54 17.6					O IV	1402							2274	
0001+087		0 1 8.73	0 3 42.61	19.3			3.241*	H I	1216	2.9996	1440	1874	1874	Ly limit abs,			
	O	8 42 50.7	8 59 32.7					Si IV	1397	2.7215	1440	1440	2228	z=3.007,1874,			
								O IV	1402	2.7206	2281	2281	2263	2247			
								C IV	1549	1.4157							
										1.0842							
0001-121	UT	0 1 9.1	0 3 42.72	18			1.30	C IV	1549	1437	1437					9.7arcmin from	
	R	-12 8 30	-11 51 47.9					C III	1909							NGC 7813,2118	
0001-019		0 1 17.47	0 3 51.22	17.7			1.36			2043	2043					2043B(J)mag	
	O	-1 59 28.0	-1 42 46.0														
0001-424		0 1 17.8	0 3 50.89	19.2			2.24	H I	1216	430	430						
	O	-42 27 50	-42 11 7.8					C IV	1549		479						
											1022						
0001-012		0 1 21.8	0 3 55.56	21.5			2.49	H I	1216	1072	1072					pos & B(J)mag,	
	O	-1 12 6.1	-0 55 24.1					C IV	1549							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	ABS		
0001-429 O	0 1 23.5 -42 56 10	0 3 56.55 -42 39 27.8	18.8				1.97	H I 1216 C IV 1549	430 1022 430 479							
0001-007 O	0 1 26.0 -0 47 15.7	0 3 59.76 -0 30 33.7	20.4				0.354	H I 4861 O III 4959 O III 5007	1072 2199						2199neml pos & B(J)mag, 2274	
0001-009 O	0 1 27.2 -0 55 42.2	0 4 0.96 -0 39 0.2	21.3				2.34	H I 1216 C IV 1549	1072 1072						pos & B(J)mag, 2274	
0001-013 O	0 1 42.4 -1 22 18.0	0 4 16.15 -1 5 36.0	20.7				2.25	H I 1216 C IV 1549	1072 1072						pos & B(J)mag, 2274	
0001-011 O	0 1 42.7 -1 9 43.8	0 4 16.46 -0 53 1.8	19.9				2.01	H I 1216 C IV 1549	1072 1072						pos & B(J)mag, 2274	
0001-424 O	0 1 42.8 -42 25 52	0 4 15.78 -42 9 9.8	20.5				1.20	H I 1216 C IV 1549	430 1022 430 479							
0001-008 O	0 1 47.29 -0 50 46.4	0 4 21.05 -0 34 4.4	18.4				1.459	C IV 1549 C III 1909	1072 1072 2043 2043							
0001-429 O	0 1 56.9 -42 55 13	0 4 29.81 -42 38 30.8	18.4				1.97 +	H I 1216 C IV 1549	430 1022 430 479						479	
0002-432 O	0 2 1 -43 16 30	0 4 33.88 -42 59 47.8	18.9				1.84	H I 1216 C IV 1549	430 430 479 1022							
0002-387 O R	0 2 8.4 -38 47 41	0 4 41.38 -38 30 58.8	19.9				2.23	H I 1216 N V 1240 C IV 1549	478 478					2064		
0002-422 O	0 2 15.9 -42 14 7	0 4 48.74 -41 57 24.8	17.21	.23	.25	2.758*	O VI 1034 2.4641 H I 1216 2.3022 N V 1240 2.3018 O I 1304 2.1683 Si IV 1397 1.9886 C IV 1549 1.5413 He II 1640 0.8366 C III 1909	330 1304 331 430 478 479 535 559 1022					536 761,911,1431, 559 2020sp,846rnd, 562 1485subv, 1208 2095imag 1394 203 arcmin 1747 from NGC 55, 2228 647 arcmin 2263 from NGC 300, 1650;Ly alpha abs,562			
0002-430 O	0 2 20.3 -43 5 36	0 4 53.09 -42 48 53.8	19.8				2.20	H I 1216 C IV 1549	430 430 479 1022							
0002-009 O	0 2 22.0 -0 55 34	0 4 55.76 -0 38 52.0	20.9				2.26	H I 1216 C IV 1549	1072 1072						2274pos	
0002-027 O	0 2 25.12 -2 43 13.3	0 4 58.84 -2 26 31.3	18.3				0.435		2043 2043							
0002-008 UM 197 O	0 2 26.7 -0 50 31	0 5 0.46 -0 33 49.1	18				2.18	H I 1216 O I 1304 Si IV 1397 C IV 1549 He II 1640	445 480 1072 1826						1072fc	
0002-010 O	0 2 29.2 -1 1 31.7	0 5 2.96 -0 44 49.8	20.1				2.22	H I 1216 C IV 1549	1072 1072						2274B(J)mag	
0002-018 O	0 2 33.35 -1 49 28.4	0 5 7.09 -1 32 46.5	18.7				1.71		2043 2043						2043B(J)mag	
0002-021 O	0 2 44.2 -2 10 28	0 5 17.93 -1 53 46.1	17.4				1.146		2216 2216 2274 2274							
0002-008 O	0 2 45.9 -0 52 0.4	0 5 19.66 -0 35 18.5	19.0				(0.44)	Mg II 2798	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)	DEC (1950)	DEC (2000)		ID	Z			VAR	R	ABS				
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	001,003,		
	C 4C 15.01	15 53 7.4	16 9 49.2				O II 3727				005	007	775	005	007ubv,004,		
	X PKS						O III 5007			1731	212	1159			705,1202pol,		
	R VR15.00.01											247	1888		1355,1693,		
	OB 106											248	2011		1941uv,		
	MC 3											290	2174		1394vlbi,		
	PG											759			1320rpol,324,		
												1068			1117,1467sp,		
												1142			1194,1688,		
															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		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					
0003-066 BL Lac R	PKS 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					2103pol 0.347zgal
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			2064		
0003-003 R	3CR 2 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			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					
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 R	UT	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	1437	1437		1874		Ly limit abs, 2228 z=2.881,1874 2243 2263
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 O	UM 202 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					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 C R	PKS PHL 6304	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			011		761,1304sp, 1320rpol, 1485ubv, 1352spvar, 1526vlbi, 1983ir, 1966rnd
0005-000 O	UM 203	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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC	(1950)	DEC	(2000)						ID	Z	VAR	R	ABS		
0006+002		0 6	0.99	0 8	34.78	17.4			0.27		2043	2043				2043B(J)mag	
O		0 15	12.6	0 31	54.2												
0006-466	C16.07	0 6	6.0	0 8	37.52	17.8			1.85		2277	2277					
		-46 36	13	-46 19	31.2												
0006+014	PKS R PB 5765	0 6	19.41	0 8	53.24	18.34			(1.302)	C IV 1549 C III 1909	026	436		1976			
		1 26	31.7	1 43	13.2												
0006+025		0 6	23.58	0 8	57.46	18.0			2.093	H I 1216 N V 1240 C IV 1549 C III 1909	1825	1825					
O		2 30	53.5	2 47	35.0						2043	2043		2307			
0006+397	UT R	0 6	28.5	0 9	4.17	18.5			1.83	H I 1216 C IV 1549	1437	1437					
		39 45	6	40 1	47.3												
0006+022	A	0 6	41.6	0 9	15.47	19.11			1.515	C IV 1549 C III 1909	1825	2307					
		2 13	14	2 29	55.5												
0006+020		0 6	57.61	0 9	31.47	17.5			2.35	O VI 1034 Si IV 1397 C IV 1549 C III 1909	2043	2043		2307			
O		2 0	23.7	2 17	5.1												
0007-000		0 7	11.76	0 9	45.54	18.4			0.70		2043	2043				2043B(J)mag	
O		-0 3	6.3	0 13	35.1												
0007+017		0 7	18.88	0 9	52.73	18.3			1.76		2043	2043				2043B(J)mag	
O		1 42	5.6	1 58	47.0												
0007+016	PKS R	0 7	24.81	0 9	58.66	19.60			2.948*	H I 1216 Si IVb 1400 C IV 1549 C III 1909	2.980	1997	2261				
		1 41	13.7	1 57	55.0												
0007-407		0 7	30.0	0 10	1.59	18.6			2.47	H I 1216 N V 1240 C IV 1549	1431	1431					
O		-40 44	0	-40 27	18.4												
0007-114	X	0 7	34.3	0 10	7.55	19.6	-1.10		0.456		1314	1314					
		-11 29	4	-11 12	22.6												
0007-426		0 7	36.0	0 10	7.41	18.3			2.67	H I 1216 N V 1240 C IV 1549	1431	1431					
O		-42 39	0	-42 22	18.5												
0007-353		0 7	41	0 10	12.93	18.04	.57	-1.30	2.03	H I 1216 N V 1240 C IV 1549	409	409				1485subv	
O		-35 20	47	-35 4	5.5												
0007-000	UM 208 O	0 7	42.80	0 10	16.58	18.5			2.260	H I 1216 C IV 1549	446	2043		480		gal nearby, 1826	
		-0 4	15.7	0 12	25.6												
0007+026		0 7	45.70	0 10	19.60	18.4			(0.59)		2043	2043				2043B(J)mag	
O		2 36	56.4	2 53	37.7												
0007+332	4C 33.01 R B2	0 7	50.06	0 10	25.58	18.8			0.743	C III 1909 Mg II 2798	033	443		462 774 1888		831sp 9.5arcmin from NGC 29,2118	
		33 12	55.7	33 29	36.8												
0007-017	UM 209 O PB 5777	0 7	53.77	0 10	27.47	18.4 *			1.536	C IV 1549 C III 1909	446	2043		752 446 1826			
		-1 42	32.4	-1 25	51.1												
0007+171	PKS R 4C 17.04 X OB 113 MC 3 GC	0 7	59.4	0 10	34.01	18			1.601+	C IV 1549 C III 1909	010	009		010 2085	009	1350x, 1526vlbi	
		17 7	38	17 24	19.2												
0008-008	UM 210 O PB 5780	0 8	17.3	0 10	51.04	19.4			2.09	H I 1216 C IV 1549	446	446		1826		pos & B(J)mag, 2274	
		-0 48	16.4	-0 31	35.2												
0008-000		0 8	21.0	0 10	54.78	18.4			0.243		2274	2274					
O		-0 1	50	0 14	51.2												

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)	DEC (1950)	DEC (2000)						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)	DEC (1950)	DEC (2000)					ID	Z	VAR	R	ABS		
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 R	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 R	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	1079pol, 1240ir, 2174varnd 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 C	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 zgal,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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
	DEC (1950)	DEC (2000)									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 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 α II 1640 1.6261 O III 1663 1.3643 C III 1909	1216 1.9382 1549 1.8733 1640 1.6261 1663 1.3643 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 zgal,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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
	DEC	(1950)	DEC	(2000)						ID	Z	VAR	R	ABS		
0018+007 O PC	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 O A	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 O B	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 O A	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 O B 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 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				480 725 1512 1711 2040 2228 2263	901,1202po1, 1213rnd,1182x, 1208,1514, 2040BAL, 2251sp z(abs) 2.039-		
0019+058 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 O UM 233	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 O UM 234	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 O UM 663	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 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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS				
0021+026		0 21 20.08	0 23 54.18	17.9					0.495		2043	2043				2043B(J)mag	
o		2 41 51.4	2 58 28.6														
0021+011	UM 236	0 21 22.42	0 23 56.33	18.5					1.175		2043	2043				2043B(J)mag	
o		1 6 1.2	1 22 38.4														
0021-030		0 21 29.26	0 24 2.70	18.8					0.422		2043	2043				2043B(J)mag	
o		-3 1 37.6	-2 45 0.4														
0021-022		0 21 37.37	0 24 10.90	18.7					2.294+		2043	2043				2043BAL, 2043B(J)mag	
o		-2 13 24.6	-1 56 47.5														
0021-010		0 21 37.99	0 24 11.66	18.2					0.764		2043	2043				2043B(J)mag	
o		-1 0 25.5	-0 43 48.4														
0021-017		0 21 43.90	0 24 17.48	18.6					1.356		2043	2043				2043B(J)mag gal near, 2118	
o		-1 47 12.7	-1 30 35.7														
0022+018	UM 237	0 22 1.37	0 24 35.37	18					2.77		446	446					
o		1 50 10.3	2 6 47.2								2043	2043					
0022-013		0 22 8.76	0 24 42.39	18.6					1.091		2043	2043				2043B(J)mag	
o		-1 20 23.4	-1 3 46.5														
0022+002		0 22 10.30	0 24 44.12	16.9					0.404		2043	2043				2043B(J)mag	
o		0 15 43.3	0 32 20.1														
0022+025		0 22 24.3	0 24 58.39	18.8					1.490		2216	2216					
o		2 31 33	2 48 9.7								2274	2274					
0022-016		0 22 50.44	0 25 24.02	18.3					0.776		2043	2043				2043B(J)mag	
o		-1 40 23.6	-1 23 47.1														
0023+001		0 23 3.50	0 25 37.31	18.6					1.902		2043	2043				2043B(J)mag	
o		0 10 46.7	0 27 23.1														
0023-005		0 23 6.47	0 25 40.19	18.5					1.354		2043	2043				2043B(J)mag	
o		-0 32 8.4	-0 15 32.0														
0023-418		0 23 34.8	0 26 2.14	19.3 *					2.22	H I 1216 N V 1240 C IV 1549	478	478	478			846rnd	
o		-41 50 16	-41 33 39.6														
0023+009		0 23 46.96	0 26 20.87	18.7					0.274		2043	2043				2043B(J)mag	
o		0 58 40.6	1 15 16.7														
0023+024		0 23 47.89	0 26 21.99	18.4					0.236		2043	2043				2043B(J)mag	
o		2 28 5.0	2 44 41.1														
0023+168	PC	0 23 50.2	0 26 26.21	19.83					0.959	Mg II 2798	1517	1517					
o		16 53 1	17 9 37.0														
0024+033	UM 35	0 24 27.9	0 27 2.13	17					(2.42)	H I 1216 C IV 1549	444	444				853rnd	
o		3 23 2	3 39 37.7														
0024+224	NAB	0 24 38.44	0 27 15.35	16.57	.33	-.69	1.108*	C IV 1549 He II 1640 C III 1909 Mg II 2798	1.109	016	016	850	560	705,1202pol, 921 1873 921,992ir, 921phot, 1028mm			
c		22 25 22.7	22 41 58.2								009	1165	2228				
r											2251	1586	2263				
0024+003		0 24 43.57	0 27 17.40	18.0					1.228		2043	2043				2043B(J)mag	
o		0 20 46.6	0 37 22.2														
0024+046	UM 36	0 24 50.9	0 27 25.30	18.4 *					2.06	C III 1909 Mg II 2798	444	853	752			853rnd	
o		4 37 54	4 54 29.5								480						
0025-018	UM 245	0 25 0.27	0 27 33.81	18					2.08		446	2043				4.0arcmin from NGC 120,2118	
o	PB 5963	-1 51 28.4	-1 34 52.9								2043						
0025+018		0 25 11.62	0 27 45.66	18.5					0.860		2043	2043				2043B(J)mag	
o		1 52 7.4	2 8 42.8														
0025+001		0 25 18.64	0 27 52.45	18.5					0.205		2043	2043				2043B(J)mag	
o		0 9 39.7	0 26 15.0														
0025-018		0 25 53.87	0 28 27.40	18.7					0.939		2043	2043				2043B(J)mag	
o		-1 50 41.9	-1 34 6.9														

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)	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 PG C MC 3 X R	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 UM 247 O 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		446 646 2043 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 2216 2274 2274					z in 2274 differs(1.579)	
0027+002 UM 248 O	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 QSO 2 O	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 QSO 1 O R	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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
0027+009	UM 249 O	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	UM 42 O	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	UM 664 O	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	PKS R	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	UM 250 O	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	UM 251 O	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	UT R	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	UM 252 O	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	UM 253 O	0 29 1.76 0 17 46.7	0 31 35.60 0 34 20.0	18			2.222*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798	2.0251 2.0082 1.9984 1.7334 1.2667	446 1020 2043 446 2274 2043 2274 2228		184 1020 1510 2228 2263	1208BAL, 1479sp 62 arcsec from UM 252,1020	
0029-414	PKS R	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	UM 665 O 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 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	3.1970 2.9038 2.8734 2.7982 2.6499 2.4376	1440 1874 1440 2281 2228 2263		1440 1874 2228 2263	1440BAL Ly limit abs, z=3.059,1874, 2125;	
0030+034	UM 45 O 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	UM 46 O R	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	PB 8357 X	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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
0031-707	MC 4	0 31 58.5	0 34 5.07	15.5					0.363			1651				
	R	-70 42 26.4	-70 25 54.4													
	X															
0032-073	PB 8364	0 32 8.8	0 34 41.34	18.0	.10				0.752	Mg II 2798		1314 1314				1033ir
	X	-7 22 50	-7 6 18.5													
0032-086	NGC 157	0 32 14	0 34 46.31	19					0.756			540				29 arcmin from NGC 157, 1.98 arcmin from anon gal, 2118
	C	-8 40 18	-8 23 46.6													
	BSO 1															
0032-014	UM 259	0 32 18.3	0 34 51.84	17				(1.85)		Si IV 1397 N IV 1488 C IV 1549		446 446				
	O	-1 27 57	-1 11 25.7													
0032-413		0 32 21	0 34 46.23	18.9					1.54			478 478				846rnd
	O	-41 20 58	-41 4 26.4													
0032+423	4C 42.01	0 32 23.33	0 35 6.08	18.3					1.588+	C IV 1549 He II 1640 O III 1663 C III 1909 Mg II 2798		018 018	1818 1818	018	1818pos	
	R	42 21 49.3	42 38 20.3													
	5C3.20															
	OB 453															
	OA 29															
0032-424		0 32 57.7	0 35 22.42	18.9					2.34	H I 1216 N V 1240 C IV 1549		478 478				846rnd
	O	-42 29 29	-42 12 57.8													
0033+156	MC 3	0 33 19.11	0 35 55.72	18					1.16	C IV 1549 He II 1640 C III 1909 Mg II 2798		1111 019		1111		
	R	15 36 47.1	15 53 17.7													
0033+183	3CR 14	0 33 29.30	0 36 6.45	20					1.469	C III 1909 C II 2326 Ne IV 2424 Mg II 2798		064 1296	1295 1804		1617ir 1795, 1796rpol jet,	
	R	18 21 28.4	18 37 58.8									424	2013			
0033+079	4C 08.04	0 33 40.96	0 36 16.18	18.5					1.578	C IV 1549 C III 1909		078 009	1818 1891		1818pos	
	R	7 58 34.0	8 15 4.4													
	OB 056															
	PB 6060															
0033+098	4C 09.01	0 33 48.26	0 36 23.83	17.5					1.909	H I 1216 Si IV 1397 C IV 1549 C III 1909 Mg II 2798		009 009	1297 2251			
	R	9 51 28.9	10 7 59.2													
0034-331		0 34 12.0	0 36 39.09	17.8					2.18	H I 1216 N V 1240 C IV 1549		1431 1431				
	O	-33 8 0	-32 51 29.7													
0034+024	UM 52	0 34 27.8	0 37 2.04	18	*			(2.27)		H I 1216 C IV 1549		444 444 752				853rnd 8.28 arcmin from NGC 164, 2118
	O	2 27 37	2 44 6.9													
0034+393	5C3.44	0 34 54.4	0 37 36.85	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	
	R	39 21 42	39 38 11.3													
0035+238	PKS	0 35 19.2	0 37 57.70	19					2.27			686 023	023 086		1526vlbi	
	R	23 50 41	24 7 10.2													
	CTD 5															
	VR23.00.03															
	OB 258															
0035-422		0 35 45.3	0 38 9.38	18.7					2.62	H I 1216 N V 1240 C IV 1549		1431 1431				
	O	-42 13 55	-41 57 25.7													
0035-252	PKS	0 35 45.96	0 38 14.69	17.5					1.196	C IV 1549 He II 1640 C III 1909		762 1251	1251 1966			
	R	-25 15 31.2	-24 59 2.0													

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				
0035-002	UM 261 O PB 6070	0 35 50.1 -0 16 53	0 38 23.84 -0 0 24.0	18					(1.67)	C IV 1549 He II 1640 C III 1909	446	446					
0036-392	PKS R	0 36 2.3 -39 16 13	0 38 27.28 -38 59 43.9	16.29	.73	-.53	0.596			Mg II 2798 Ne V 3426 O II 3727 Ne III 3869 Ne III 3968 H I 4102 H I 4340	025	2151 024		387 1966		761,1304, 2151sp,886ir, 1485subv, 1526vlbi	
0036-404	MD6:1 O	0 36 33.40 -40 28 12.9	0 38 57.87 -40 11 44.2	20.4					2.50	H I 1216 N V 1240	1948	1948				1948phot mag	
0036-355	O	0 36 36.0 -35 35 0	0 39 1.96 -35 18 31.3	19.2					1.86	H I 1216 N V 1240 C IV 1549	1431	1431					
0036-398	MD6:2 O	0 36 38.67 -39 53 59.9	0 39 3.30 -39 37 31.2	17.7					0.45	Mg II 2798	1948	1948				1948phot mag	
0036-389	MD6:3 O	0 36 49.68 -38 57 14.0	0 39 14.57 -38 40 45.5	20.2					2.26	H I 1216 O IV 1402	1948	1948				1948phot mag	
0036-428	MD6:4 O	0 36 56.87 -42 52 34.2	0 39 20.41 -42 36 5.7	20.0					1.59	C IV 1549 C III 1909	1948	1948				1948phot mag	
0037-018	UM 264 O X	0 37 44.8 -1 53 50	0 40 18.22 -1 37 22.4	18					2.34	H I 1216	446	1550 446				1488x	
0037-019	1E X	0 37 44.9 -1 57 27.2	0 40 18.31 -1 40 59.6	17.73					0.296	He 3970 H I 4102 H I 4340 H I 4861	1233	1233					
0037-396	MD6:5 O	0 37 46.73 -39 39 41.0	0 40 11.17 -39 23 13.2	19.4					1.44	C IV 1549 C III 1909	1431	1431 1948				z in 1948 differs (2.10)	
0037-418	MD6:6 O	0 37 47.11 -41 48 54.3	0 40 10.81 -41 32 26.5	18.3					1.27	C IV 1549 C III 1909	1948	1948				1948phot mag	
0038+327	1E X	0 38 1.1 32 42 1.8	0 40 42.24 32 58 28.9	18.06					0.197	H I 4861	1233	1233				11.93 arcmin from 3C 19, 2118	
0038-012	UM 265 O	0 38 7.8 -1 12 3	0 40 41.36 -0 55 35.7	18					(2.13)	H I 1216 C IV 1549	446	446					
0038-384	MD6:7 O	0 38 14.53 -38 28 43.9	0 40 39.25 -38 12 16.4	19.6					2.01	H I 1216 C IV 1549	1948	1948				1948phot mag	
0038-399	MD6:8 O	0 38 15.76 -39 54 59.0	0 40 40.00 -39 38 31.5	19.9					1.21	C IV 1549	1948	1948				1948phot mag	
0038-398	MD6:9 O	0 38 16.57 -39 53 30.9	0 40 40.81 -39 37 3.4	18.8					2.31	H I 1216 N V 1240 C IV 1549	1431	1431 1948 1948				1.47 arcmin from QSO 003815.76 -395459.0, 1948	
0038-372	MD6:10 O	0 38 19.72 -37 15 49.9	0 40 44.81 -36 59 22.5	20.6					2.50	H I 1216	1948	1948				1948phot mag	
0038-396	MD6:11 O	0 38 22.49 -39 36 44.0	0 40 46.81 -39 20 16.6	18.0					2.37	H I 1216 N V 1240 C IV 1549	1431	1431 1948 1948					
0038-020	PKS R PB 6091 X	0 38 23.8 -2 2 54	0 40 57.19 -1 46 26.9	18.5					1.178	C IV 1549 C III 1909 Mg II 2798	026	026 436		789		1195,1686, 1980x, 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 1216 N V 1240 C IV 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 1216 C IV 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 4861 H I 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 1216 C IV 1549		1948 1948					1948phot mag	
0038-019 R X X UM 1E PB	PKS 4C 02.04 065 266 6098 0 38 52.62 -1 59 42.7	0 41 26.01 -1 43 16.0	16.86			1.674*	H I 1216 Si IV 1397 C IV 1549 He II 1640 O III 1663 C III 1909 Mg II 2798	1.1577	293 044 2174 1233 436 866 2263	789 2049 1818 1891			1201pol, 1320rpol,1195, 1233,1488, 1686x,1818pos, 446fc 1.2arcmin from UGC 0439,0.017 zgal,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 1549 C III 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 1216 C IV 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 1402 C IV 1549 C III 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 1549 C III 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 1216 C III 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 1909 Mg II 2798 Ne V 3426 O II 3727 NeIII 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 1216 N V 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 1216 O IV 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 1216 C IV 1549 He II 1640		1650 1650 1948 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 1216 C IV 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 1216 N V 1240 C IV 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 1216 N V 1240 C IV 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 1216 N V 1240 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)				NOTES
		DEC	(1950)	DEC	(2000)						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	-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 α 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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC	(1950)	DEC	(2000)						ID	Z	VAR	R	ABS		
0041+001	PKS	0 41 0	0 43 33.83	19.28			1.127	C IV 1549	026 436	351							
R		0 8 30	0 24 55.1					C III 1909 Mg II 2798		1976							
0041-403	MD6:27	0 41 4.66	0 43 28.05	18.9			2.50	H I 1216	1431 1431							1431BAL	
O		-40 23 58.0	-40 7 32.7					N V 1240 C IV 1549	1948 1948								
0041-307	MD1:11	0 41 7.96	0 43 34.46	19.9			2.42	H I 1216	1948 1948							1948phot mag	
O		-30 45 28.7	-30 29 3.5					C IV 1549									
0041-384	MD6:28	0 41 9.25	0 43 33.32	19.9			1.28	C IV 1549	1948 1948							1948phot mag	
O		-38 27 3.5	-38 10 38.3														
0041-262	S20	0 41 10.67	0 43 38.42	19.56			(1.72)		2187 2187							2187m(or)	
C		-26 12 50.3	-25 56 25.2														
0041-400	MD6:29	0 41 10.92	0 43 34.42	19.4			1.94	H I 1216	1948 1948							1948phot mag	
O		-40 2 49.7	-39 46 24.5														
0041-303	MD1:12	0 41 13.06	0 43 39.67	19.5			2.08	H I 1216	1948 1948							1948phot mag	
O		-30 21 14.6	-30 4 49.5														
0041-378	MD6:30	0 41 13.74	0 43 38.00	18.4			1.07	C III 1909	1948 1948							1948phot mag	
O		-37 50 19.0	-37 33 53.8														
0041-395	PKS	0 41 13.87	0 43 37.55	20.0			1.69	H I 1216	1302 1302	387							
R		-39 30 40.3	-39 14 15.1					Si IV 1397 O IV 1402 C IV 1549 C III 1909									
0041-266		0 41 15.16	0 43 42.79	17.79			3.04		2186 2186								
C		-26 38 35.2	-26 22 10.1						2274 2274								
0041-261	MD1:13	0 41 17.10	0 43 44.86	19.0			2.45	H I 1216	1948 1948							1948phot mag	
O		-26 8 26.8	-25 52 1.8														
0041-406	MD6:31	0 41 18.11	0 43 41.35	19.8			1.63	C IV 1549	1948 1948							1948phot mag	
O		-40 40 16.1	-40 23 51.0					C III 1909									
0041-309	S54	0 41 18.87	0 43 45.30	19.39			2.83	H I 1216	2187 2187							2187m(or)	
C		-30 54 4.5	-30 37 39.5					N V 1240 C IV 1549									
0041-263	MD1:14	0 41 19.56	0 43 47.25	19.2			2.17	H I 1216	1948 1948							1948phot mag	
O		-26 22 45.0	-26 6 20.0					C IV 1549									
0041-307	MD1:15	0 41 21.78	0 43 48.24	20.7			2.23	H I 1216	1948 1948							1948phot mag	
O		-30 47 16.5	-30 30 51.5					C IV 1549								3.51 arcmin from 004107.96 -304528.7,1948	
0041-287		0 41 24.21	0 43 51.24	18.74			0.839		2186 2186								
C		-28 44 5.6	-28 27 40.7						2274 2274								
0041-271		0 41 24.36	0 43 51.83	17.4			2.783	C IV 1549	1440 1440								
O		-27 7 53.3	-26 51 28.4						2186								
0041-290		0 41 28.6	0 43 55.53	17.9			0.674		2274 2274								
O		-29 4 16	-28 47 51.1														
0041-379	MD6:32	0 41 30.57	0 43 54.74	19.6			1.59	C IV 1549	1948 1948							1948phot mag	
O		-37 56 8.6	-37 39 43.7					C III 1909									
0041-261	MD1:16	0 41 31.13	0 43 58.86	17.4	-0.10		2.501	LYB 1026	1287 1287							58 arcmin from	
O		-26 7 40.9	-25 51 16.1					O VI 1034	1948 1948							NGC 253,1650, 2118;3.2arcmin from QSO 004117.10 -260826.8, 1948	
0041-269	MD1:17	0 41 38.39	0 44 5.87	18.5			2.457	H I 1216	1948 1948							1948phot mag	
O		-26 58 29.0	-26 42 4.3					C IV 1549	LBQS								
0041-289	MD1:18	0 41 40.93	0 44 7.85	17.9			2.134	H I 1216	1948 1948							1948phot mag	
O		-28 59 35.0	-28 43 10.3					C IV 1549									

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		ABS
0041-398	MD6:33 O	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	MD1:19 O	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	MD1:20 O	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	MD1:21 O	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	MD1:22 O	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	MC 2 R	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	MD6:34 O	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 3.1466 2.4758 2.0298	218 2059 1482 1482 2059 1622		2059 2125 2228 2263	1847ir Ly limit abs 2247		
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	S61 C	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	MD1:23 O	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	MD1:24 O	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	MC 2 R	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	S80 C	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	MD1:25 O	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	MD6:35 O	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	MD1:26 O	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	MD1:27 O	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	ABS				
0042-375	MD6:36 O	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	S51 C	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	MD1:28 O	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	UM 273 O	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	MD6:37 O	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	MD1:29 O	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	MD6:38 O	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	MD1:30 O	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	S39 C	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	MD1:31 O	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	MD6:39 O	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	S29 O	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	S84 C	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	MD1:33 O	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	PG C PB 6151 R	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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES		Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)	DEC (1950)	DEC (2000)					ID	Z	VAR	R	ABS				
0043-305	MD1:34 O	0 43 15.26 -30 30 47.4	0 45 41.48 -30 14 24.0	19.1			2.37		H I C IV	1216 1549	1948 2186	1948					1948phot mag	
0043-388	MD6:40 O	0 43 18.10 -38 50 40.4	0 45 41.54 -38 34 16.9	19.6			1.49		C IV	1549	1948	1948					1948phot mag	
0043-293	MD1:35 O	0 43 21.64 -29 23 20.3	0 45 48.18 -29 6 57.0	14.8			0.90		C III Mg II	1909 2798	1948	1948					1948phot mag	
0043-277	O	0 43 22.6 -27 43 34	0 45 49.62 -27 27 10.7	18.5			1.049				2274	2274						
0043-381	MD6:41 O	0 43 29.63 -38 6 24.3	0 45 53.30 -37 50 1.0	19.3			1.67		C IV C III	1549 1909	1948	1948					1948phot mag	
0043-267	CT 67 C	0 43 38.40 -26 44 29.9	0 46 5.66 -26 28 6.8	19.3			1.03		C IV C III	1549 1909	1324	1436					pos & B(J)mag, 2274	
0043+008	UM 275 O X R	0 43 39.5 0 48 3	0 46 13.48 1 4 25.9	17			2.143*		H I C III Mg II	1216 1909 2798	2.130 1.944	446 480 725	1479		1213 2162	725 1512 1711 2263	912x,901, 1202pol,1208, 1514BAL, 1941uv z(abs) 2.127- 2.104 and 2.027-1.916, 1512	
0043-259	S79 C	0 43 42.18 -25 55 11.2	0 46 9.66 -25 38 48.2	19.06			3.31		H I N V C IV	1216 1240 1549	2187	2187					2187m(or)	
0043-275	S85 C	0 43 48.13 -27 34 14.7	0 46 15.13 -27 17 51.7	20.7			3.46				1739 2186 2187	2186					z incorrectly stated in 1739,2186 pos & B(J)mag, 2274	
0043-261	S72 C	0 43 48.15 -26 6 27.1	0 46 15.57 -25 50 4.2	19.55			3.11		H I N V C IV	1216 1240 1549	2187	2187					2187m(or)	
0043-301	MD1:36 O	0 43 49.89 -30 6 32.7	0 46 16.13 -29 50 9.8	18.6			2.25		H I C IV	1216 1549	1948	1948					1948phot mag LBQS	
0043-307	S63 C	0 43 50.36 -30 45 58.7	0 46 16.40 -30 29 35.8	19.36			(3.02)		H I N V C IV	1216 1240 1549	2187	2187					2187m(or)	
0043-385	MD6:42 O	0 43 51.02 -38 34 4.3	0 46 14.44 -38 17 41.3	19.5			1.44		C IV	1549	1948	1948					1948phot mag	
0043-426	MD6:43 O	0 43 54.54 -42 38 36.6	0 46 16.34 -42 22 13.6	20.1			1.91		H I C IV	1216 1549	1948	1948					1948phot mag	
0043-304	MD1:37 O	0 43 55.44 -30 29 24.2	0 46 21.55 -30 13 1.3	18.7			2.17		H I C IV	1216 1549	1948	1948					1948phot mag	
0044-395	MD6:44 O	0 44 2.43 -39 30 41.3	0 46 25.45 -39 14 18.5	19.4			1.84		H I C IV	1216 1549	1948	1948					1948phot mag	
0044-261	CT 78 C	0 44 10.79 -26 11 26.7	0 46 38.13 -25 55 4.1	18.3			0.130		H I H I O III H I	4340 4861 5007 6563	1324	1436						
0044-056	4C 05.03 R OB 074 PKS	0 44 12.01 -5 38 23.8	0 46 44.51 -5 22 1.4	19			1.869		H I Si IV C IV	1216 1397 1549	078	009			1818 1891		1320rpol, 1818pos	
0044-390	MD6:45 O	0 44 13.60 -39 1 20.7	0 46 36.76 -38 44 58.0	19.6			1.58		C IV C III	1549 1909	1948	1948					1948phot mag	
0044-264	MD1:38 O	0 44 14.41 -26 28 43.3	0 46 41.66 -26 12 20.7	19.2			2.48		LYB H I C IV	1026 1216 1549	1948	1948					1948phot mag	
0044-279	MD1:39 O	0 44 19.97 -27 54 56.6	0 46 46.79 -27 38 34.1	18.9			1.88		H I C IV He II	1216 1549 1640	1948	1948					1948phot mag	

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

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		ABS
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 1948 765 1948				
	O	-28 50 30.4	-28 34 9.1											
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 LBQS				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 1948 1948				z in 1431 differs (0.40) 6.37 arcmin from NGC 264, 2118
	O	-38 26 54.3	-38 10 33.0											
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 1871 765 1948 1400				pos & B(J)mag, 2274
	O MD1:48	-26 4 8.7	-25 47 47.5											
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 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 765 1948 1324 1436 1948 2202				
	O MD1:50	-28 12 40.1	-27 56 19.1											
	CS 39													
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 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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)					NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS			
0046-384	MD6:58	0 46 8.27	0 48 31.21	19.4			2.26	H I 1216	1948 1948						1948phot mag	
O		-38 28 23.9	-38 12 2.9					C IV 1549								
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	765 1400							
O		-25 7 54	-24 51 33.2					O IV 1402								
								C IV 1549								
								C III 1909								
0046-285	CT 120	0 46 18.01	0 48 44.33	17.6			0.632	Mg II 2798	1324 2202							
C		-28 34 0.9	-28 17 40.1					O II 3727	1436							
								H I 3889								
								H I 4102								
								H I 4340								
								H I 4861								
0046-262	MD1:51	0 46 21.41	0 48 48.42	18.7			1.41	C IV 1549	1948 1948						1948phot mag	
O		-26 16 41.2	-26 0 20.5					C III 1909								
0046-267	S86	0 46 21.76	0 48 48.64	19.74			3.52	H I 1216	2187 2187						2187m(or)	
C		-26 43 25.0	-26 27 4.3					N V 1240								
								C IV 1549								
0046+188		0 46 22	0 49 0.52	19			1.701	H I 1216	476 476							
R		18 51 59	19 8 19.3					C IV 1549								
								He II 1640								
								C III 1909								
0046-067	OB 078	0 46 26.05	0 48 58.22	18			2.063	H I 1216	321 321			321			1818pos	
C	PHL 2989	-6 44 49.9	-6 28 29.4					N V 1240	458			1818				
R	PKS							C IV 1549				1891				
	4C 06.04							C III 1909								
0046+154	PHL 847	0 46 34.42	0 49 12.04	17.9	-0.10	-0.30	1.243	C IV 1549		030					029ubv,459pos,853rnd	
C		15 24 4.5	15 40 24.7					C III 1909								
								Mg II 2798								
0046-427	MD6:59	0 46 35.12	0 48 56.19	19.7			2.15	H I 1216	1948 1948						1948phot mag	
O		-42 42 36.8	-42 26 16.2					He II 1640								
0046-391	MD6:60	0 46 40.59	0 49 3.16	19.1			1.95	H I 1216	1431 1431							
O		-39 6 16.6	-38 49 56.1					N V 1240	1948 1948							
								C IV 1549								
0046-283	MD1:52	0 46 41.34	0 49 7.67	20.0			2.30	H I 1216	765 765						pos & B(J)mag,2274	
O		-28 21 2.4	-28 4 42.0					N V 1240	1948 1948							
0046-293	MD1:53	0 46 45.01	0 49 11.01	20.4			2.18	H I 1216	765 765						pos & B(J)mag,2274	
O		-29 22 34.0	-29 6 13.6					N V 1240	1948 1948							
								C IV 1549								
0046-401	MD6:61	0 46 45.83	0 49 7.95	19.9			2.00	H I 1216	1948 1948						1948phot mag	
O		-40 8 44.3	-39 52 23.9					He II 1640								
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	765 765						pos & B(J)mag,2274	
O		-26 45 54.7	-26 29 34.5					N V 1240	1948 1948							
0046-306	MD1:55	0 46 52.15	0 49 17.71	19.8			1.99	H I 1216	1948 1948						1948phot mag	
O		-30 40 13.9	-30 23 53.6					C IV 1549								
0046+112	PHL 850	0 46 55.49	0 49 32.06	17.1	-0.10	-0.40	0.275	Mg II 2798		030					029ubv,459pos,853rnd,1617ir	
C		11 12 6.3	11 28 26.2					H I 4102								
								H I 4340								
								H I 4861								
								O III 4959								
								O III 5007								
0046-315	PKS	0 46 57.9	0 49 23.16	17.70*	.19	-.28	2.721*	H I 1216	1.3134 025 024 024 384 945						761,954,954 1304sp,780ir,1747 1485ubv,2228 1966rnd2263	
R		-31 32 48	-31 16 27.8					N V 1240								
								Si IV 1397								
								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	ABS	
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 1400 1948 1948 2186					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 493 1966					761,1304sp, 886,1617ir, 1485subv	
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 1948 2187 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 1400 1948 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	478 478 1948 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 024 1966			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 1400 1203 765 1948 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 2186 2274 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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS				
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					-.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	-.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	-.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					-.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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)			REFERENCES				NOTES
		DEC	(1950)	DEC	(2000)						ID	Z	VAR	R	ABS			
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		-1.10		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 1.6727 C IV 1549 1.483 He II 1640 Mg II 2798	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 NAMES	RA		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							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 N V 1240 Si IV 1397 C IV 1549	765 1878 1878 2058 2058				1878Bmag
	O	-29 7 20.6	-28 51 2.2											
	C													
0048-271	MD1:72	0 48 52.30	0 51 18.68	19.9				1.79	H I 1216 C IV 1549	1948 1948				1948phot mag
	O	-27 9 3.9	-26 52 45.5											
0048-360		0 48 54.0	0 51 17.28	19.0				2.25	H I 1216 N V 1240 C IV 1549	1431 1431				
	O	-36 3 0	-35 46 41.6											
0048-297	MD1:73	0 48 54.93	0 51 20.46	18.9				2.210	H I 1216 N V 1240 C IV 1549	766 1400 1948 765 1948				765fc
	O	-29 44 47.6	-29 28 29.2											
0048+004		0 48 56.5	0 51 30.41	18.2				1.188		2216 2216 2274 2274				
	O	0 25 32	0 41 50.1											
0049-297	S60	0 49 0.63	0 51 26.16	19.06				(2.96)	H I 1216 N V 1240 C IV 1549	2187 2187				2187m(or)
	C	-29 42 35.0	-29 26 16.7											
0049-283	MD1:74	0 49 1.11	0 51 27.09	18.1				-0.39	2.249*	O VI 1034 2.08 H I 1216 1.90 C IV 1549	765 1400 1948 765 2058 1948 2058	1400 2263		Lyx abs 765; damped Ly alpha, z=2.08, z=1.90, 1400
	O	-28 20 53.0	-28 4 34.7											
	SGP6:20													
0049-384	MD6:72	0 49 1.54	0 51 23.82	19.4				2.51	H I 1216 N V 1240 C IV 1549	1431 1431 1948 1948				
	O	-38 29 48.4	-38 13 30.1											
0049-013		0 49 1.8	0 51 35.25	17.8				1.560		2216 2216 2274 2274				
	O	-1 23 28	-1 7 10.0											
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 N V 1240	478 478 1948 1948				846rnd, 1431sp
	O	-40 15 45.4	-39 59 27.1											
0049-374	MD6:74	0 49 10.61	0 51 33.26	20.2				2.20	H I 1216 C IV 1549	1948 1948				1948phot mag
	O	-37 29 26.5	-37 13 8.3											
0049-387	MD6:75	0 49 10.69	0 51 32.81	18.2				1.51	C IV 1549 C III 1909	1948 1948				1948phot mag
	O	-38 47 32.8	-38 31 14.6											
0049-377	MD6:76	0 49 12.19	0 51 34.72	19.0				1.53	C IV 1549 C III 1909	1431 1431 1948 1948				
	O	-37 46 11.3	-37 29 53.1											
0049-296	CT 151	0 49 12.72	0 51 38.23	17.60				0.306	Mg II 2798 H I 4861 O III 4959	1324 1436 2202				
	C	-29 39 31.5	-29 23 13.4											
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, 2058ubv
	C	-28 7 48	-27 51 30.1											
0049-285	SGP6:08	0 49 21.68	0 51 47.54	19.13				-0.32	1.391+	C III 1909	2058 2058 2186			2058Bmag, 2058ubv, 2058BAL
	C	-28 32 4.3	-28 15 46.4											
0049-002	UM 284	0 49 23.6	0 51 57.35	18 *				(1.39)	C IV 1549 C III 1909	446 446 752				
	O	-0 12 22	0 3 55.7											
	PHL 3041													
0049-295	SGP2:20	0 49 27.5	0 51 53.02	19.45				-0.58	0.601	Mg II 2798 Ne V 3426 O II 3727 H I 4102	1878 1878 2058 2058			1878Bmag
	C	-29 31 18.0	-29 15 0.2											
0049-282	SGP6:18	0 49 27.6	0 51 53.55	20.11				-1.05	1.145	C III 1909	2058 2058			2058Bmag, 2058ubv
	C	-28 12 36	-27 56 18.2											

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	ABS		
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	-0.10				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								2274 2274					
	O	-25 35 17	-25 18 59.5														
0049-308		0 49 44.4	0 52 9.42	18.5								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							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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
0049-406	MD6:81	0 49 50.88	0 52 12.03	19.2			1.16	H I 1216	1948	1948				1948phot mag	
	O	-40 41 20.7	-40 25 3.1					C IV 1549							
0049-293	SGP2:45	0 49 51.1	0 52 16.62	20.64		-0.34	0.111	O II 3727	1878	1878				1878Bmag,	
	C	-29 20 33.8	-29 4 16.3					H I 4861	2058	2058				2058neml	
0049+000		0 49 51.5	0 52 25.32	19.5			1.324		2274	2274					
	O	0 3 50	0 20 7.2												
0049-008		0 49 51.6	0 52 25.17	18.7			1.402		2216	2216				2216neml	
	O	-0 53 22	-0 37 4.8						2274	2274					
0049+003		0 49 52.9	0 52 26.79	18.7			0.400		2216	2216				2216uvem	
	O	0 19 22	0 35 39.2						2274	2274					
0049-255	MD1:80	0 49 53.35	0 52 20.09	19.2			2.12	H I 1216	1948	1948				1948phot mag	
	O	-25 35 24.2	-25 19 6.8					C IV 1549							
0049-277	SGP5:46	0 49 56.6	0 52 22.62	20.09		-0.82	0.955	Mg II 2798	2058	2058				2058Bmag,	
	C	-27 46 20	-27 30 2.6											2058ubv	
0049+014	UM 288	0 49 59.5	0 52 33.67	17			2.31 *	H I 1216	1.830	446	1550		1551	damped Ly	
	O	1 24 24	1 40 41.1					C IV 1549		446			2228	alpha,2242;	
													2263	strong Ly	
														alpha,z=1.828,	
														1551	
0050-290	SGP2:19	0 50 5.89	0 52 31.45	18.97		-0.73	1.605	C IV 1549	1878	1878				1878,2058Bmag,	
	C	-29 5 34.5	-28 49 17.3					C III 1909	1948	1948				2058ubv	
	MD1:81								2058	2058					
0050-280	SGP6:10	0 50 5.9	0 52 31.80	20.25		-0.69	2.152	H I 1216	765	2058					
	O	-28 4 24.5	-27 48 7.3					C IV 1549	2058	765					
0050-262	MD1:82	0 50 6.62	0 52 33.13	19.7			2.27	H I 1216	1948	1948				1948phot mag	
	O	-26 12 43.3	-25 56 26.1					C IV 1549							
0050-406	MD6:82	0 50 8.29	0 52 29.37	20.1			1.94	H I 1216	1948	1948				1948phot mag	
	O	-40 41 4.2	-40 24 46.9											3.31 arcmin	
														from 004950.88	
														-404120.7,1948	
0050-281	SGP6:17	0 50 10.3	0 52 36.18	19.01		-0.74	1.730	H I 1216	765	2058					
	O	-28 7 9.6	-27 50 52.5					C IV 1549	2058	2202					
	CS 81							C III 1909							
0050-290	SGP2:14	0 50 11.8	0 52 37.35	20.46		-1.08	1.619	C IV 1549	1878	1878				1878Bmag	
	C	-29 3 56.4	-28 47 39.3					C III 1909	2058	2058					
0050-283	MD1:83	0 50 12.33	0 52 38.14	20.1			2.27	H I 1216	1948	1948				1948phot mag	
	O	-28 18 16.8	-28 1 59.7					C IV 1549							
0050-291	SGP2:11	0 50 12.9	0 52 38.43	20.98		-0.93	1.976	H I 1216	1878	1878				1878Bmag	
	C	-29 7 30.1	-28 51 13.0					C IV 1549	2058	2058					
0050-310	MD1:84	0 50 13.19	0 52 38.06	19.0			1.44	1549. 1909	1948	1948				1948phot mag	
	O	-31 2 9.5	-30 45 52.4												
0050-253	MD1:85	0 50 17.93	0 52 44.67	15.9	.20		2.18	H I 1216	1650	1948				72 arcmin from	
	O	-25 23 8.6	-25 6 51.6					C IV 1549	1948	1650				NGC 253, 1650,	
								He II 1640						2118	
0050-266		0 50 19.1	0 52 45.43	20.1			2.22	H I 1216	765	765					
	O	-26 40 40	-26 24 23.0					N V 1240							
0050-275	SGP5:32	0 50 21.7	0 52 47.75	20.27		-0.40	0.233		2058	2058				2058Bmag,	
	C	-27 30 34	-27 14 17.0											2058ubv,	
														2058neml	
0050-284	SGP6:36	0 50 22.1	0 52 47.83	20.53		-0.49	1.554	C IV 1549	2058	2058				2058Bmag,	
	C	-28 27 54	-28 11 37.0					C III 1909						2058ubv	
0050-005		0 50 23.2	0 52 56.86	18.8			1.676		2216	2216				2216neml	
	O	-0 33 26	-0 17 9.3						2274	2274					
0050-282	SGP6:31	0 50 24.1	0 52 49.88	19.83		-0.82	1.331	C III 1909	2058	2058				2058Bmag,	
	C	-28 17 39	-28 1 22.1											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	ABS			
0050-285	MD1:86	0 50 24.29	0 52 49.98	20.0					2.36	H I 1216	1948	1948					1948phot mag	
	O	-28 34 21.3	-28 18 4.4							C IV 1549								
0050-295	SGP2:40	0 50 27.5	0 52 52.85	20.91			-0.37	0.396		O 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	765	765						
	O	-26 34 48	-26 18 31.2							N V 1240	1948	1948						
0050-291	SGP2:16	0 50 28.2	0 52 53.69	20.22			-0.51	0.852		C III 1909	1878	1878					1878Bmag	
	C	-29 7 42.0	-28 51 25.1							Mg II 2798	2058	2058						
0050-277	SGP5:08	0 50 28.3	0 52 54.24	20.81			-0.78	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	1948	1400					pos & B(J)mag, 2274	
	O	-30 0 59.6	-29 44 42.7							C IV 1549		1948						
0050-266	CT 165	0 50 33.05	0 52 59.34	18.2					1.248	C IV 1549	1324	1436						
	C	-26 41 28.9	-26 25 12.1							C III 1909		2202						
										Mg II 2798								
0050-428	MD6:83	0 50 35.22	0 52 55.15	20.1					2.30	H I 1216	1948	1948					1948phot mag	
	O	-42 53 59.6	-42 37 42.7							C IV 1549								
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			-0.97	(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			-0.51	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			-0.64	2.475		H I 1216	2058	2058					2058Bmag, 2058ubv	
	C	-28 25 26.2	-28 9 9.5							C IV 1549	2186							
0050-293	SGP2:44	0 50 38.3	0 53 3.68	20.37			-1.09	1.800		C IV 1549	1878	1878					1878Bmag	
	C	-29 22 34.8	-29 6 18.1							O III 1663	2058	2058						
										N III 1750								
										C III 1909								
0050-264	MD1:91	0 50 39.57	0 53 5.93	19.8					2.33	H I 1216	1948	1948					1948phot mag	
	O	-26 24 50.9	-26 8 34.2							C IV 1549								
0050-285	SGP6:33	0 50 40.5	0 53 6.17	19.45			-0.38	(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		-0.10	-0.50	0.321		Mg II 2798		030					029ubv,853rnd, 459pos,1420sp, 1420FeIIem	
	C	10 37 3.6	10 53 19.9							H I 4340								
										H I 4861								
										O III 5007								
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	2187	2187					2187m(or)	
	C	-25 46 1.9	-25 29 45.3							N V 1240								
										C IV 1549								
0050-281	MD1:92	0 50 49.13	0 53 14.91	19.0					1.805	H I 1216	765	1400						
	O	-28 6 29.3	-27 50 12.8							N V 1240	1948	765						
										Si IV 1397		1948						
										C IV 1549								
										C III 1909								
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	1324	2202						
	C	-27 42 5.6	-27 25 49.1							H I 4340		1436						
										H I 4861								

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

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

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

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	ABS				
0052-297	S04	0 52 26.86	0 54 51.81	18.43					0.76		2186	2186				2187m(or)	
	C	-29 45 47.9	-29 29 33.0								2187	2187				LBQS	
0052-285	SGP3:19	0 52 33.8	0 54 59.18	20.37		-1.47	0.779	C II 2326			1878	1878				1878Bmag	
	C	-28 30 45.7	-28 14 30.9					Mg II 2798			2058	2058				19.3 B(J)mag, 2274	
0052-401	MD6:93	0 52 33.99	0 54 54.72	19.1				H I 1216			1431	1431					
	O	-40 9 36.4	-39 53 21.5					N V 1240			1948	1948					
								C IV 1549									
0052-293	SGP7:16	0 52 35.2	0 55 0.29	20.54		-1.16	1.663	C IV 1549			2058	2058				2058Bmag,	
	C	-29 20 1	-29 3 46.2					C III 1909								2058ubv	
0052-283	SGP3:10	0 52 38.82	0 55 4.23	19.34				H I 1216			765	1400					
	O	-28 23 47.1	-28 7 32.4					N V 1240			1878	765					
								C IV 1549			2058	1878				2058	
0052-289		0 52 40.91	0 55 6.12	18.07							2186	2186					
	C	-28 56 47.8	-28 40 33.1								2274	2274					
0052-258	MD1:105	0 52 41.11	0 55 7.38	18.5				H I 1216			1948	1948				1948phot mag	
	O	-25 50 36.2	-25 34 21.6														
0052-285	SGP3:13	0 52 43.0	0 55 8.34	20.99		-0.46	(0.112)				2058	2058				2058Bmag,	
	C	-28 33 40	-28 17 25.4													2058ubv, 2058neml	
0052-020		0 52 43.1	0 55 16.35	18.5							2216	2216					
	O	-2 3 19	-1 47 4.6								2274	2274					
0052-290	S06	0 52 44.53	0 55 9.69	18.62							2187	2187				2187m(or)	
	C	-29 2 31.0	-28 46 16.4														
0052-403	MD6:94	0 52 50.14	0 55 10.73	18.5							1948	1948				1948phot mag	
	O	-40 20 3.5	-40 3 48.9					C IV 1549									
0052-311	MD1:106	0 52 50.86	0 55 15.25	18.0							1948	1948				1948phot mag	
	O	-31 8 32.0	-30 52 17.5														
0052-288	SGP3:38	0 52 51.4	0 55 16.60	19.14		-0.82	0.636	Mg II 2798			1878	1878				1878Bmag	
	C	-28 53 34	-28 37 19.5					O II 3727			2058	2058					
0052-286	SGP3:22	0 52 51.8	0 55 17.10	20.60		-0.17	(0.130)	O II 3727			1878	1878				1878Bmag	
	C	-28 37 2.0	-28 20 47.5														
0052-311	MD1:107	0 52 53.62	0 55 18.00	19.3				H I 1216			1948	1948				1948phot mag	
	O	-31 8 24.5	-30 52 10.0					Si IV 1397								0.06 arcmin	
								O IV 1402								from 005250.86 -310832.0,1948	
0052-375	MD6:95	0 52 54.90	0 55 16.71	19.5							1948	1948				1948phot mag	
	O	-37 34 8.2	-37 17 53.7					C IV 1549									
0052-302	MD1:108	0 52 55.12	0 55 19.82	19.8				H I 1216			1948	1948				1948phot mag	
	O	-30 15 46.8	-29 59 32.4					C IV 1549									
0052-402	MD6:96	0 52 59.36	0 55 19.96	19.7				H I 1216			1431	1431					
	O	-40 13 32.5	-39 57 18.1					N V 1240			1948	1948					
								C IV 1549									
0052-375	MD6:97	0 52 59.54	0 55 21.34	20.6				H I 1216			1948	1948				1948phot mag	
	O	-37 33 1.9	-37 16 47.5													1.44 arcmin	
																from 005254.90 -373408.2,1948	
0053-278	S70	0 53 0.50	0 55 26.05	19.95							2187	2187				2187m(or)	
	C	-27 50 28.2	-27 34 13.9					N V 1240									
								C IV 1549									
0053+014		0 53 0.9	0 55 35.09	17.8							2216	2216					
	O	1 24 22	1 40 36.1								2274	2274					
0053-258		0 53 2.07	0 55 28.28	19.64							2187	2187				2187m(or)	
	C	-25 53 7.1	-25 36 52.8					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			
0053-303	S68	0 53 2.15	0 55 26.80	19.13					3.07	H I 1216 N V 1240 C IV 1549	2187	2187					2187m(or)	
	C	-30 20 1.9	-30 3 47.6															
0053-255	MD1:109	0 53 3.68	0 55 30.00	19.8					2.70	H I 1216 Si IV 1397 O IV 1402	1948	1948					1948phot mag	
	O	-25 32 14.7	-25 16 0.5															
0053-280		0 53 9	0 55 34.44	17.86					0.146	Mg II 2798 H I 4340 H I 4861 O III 4959 O III 5007	2203	2202						
	O	-28 5 0	-27 48 45.8															
0053-350		0 53 11	0 55 33.83	18.8					2.304	H I 1216 N V 1240 C IV 1549	1247	1247					1431sp	
	O	-35 0 0	-34 43 45.8															
0053-266		0 53 11.3	0 55 37.23	18.6					0.808									
	O	-26 39 2	-26 22 47.9															
0053-384	MD6:98	0 53 12.95	0 55 34.31	18.9	-0.30			1.50		C IV 1549 He II 1640 C III 1909	1650	1948					near NGC 300, 1650,2118; z in 1650 differs(0.379)	
	O	-38 26 33.8	-38 10 19.6															
0053-294	SGP7:31	0 53 15.2	0 55 40.15	20.08		-0.96	1.331			C III 1909	2058	2058					2058Bmag, 2058ubv	
	C	-29 24 41	-29 8 26.9															
0053-286	SGP3:35	0 53 17.1	0 55 42.32	20.31		-0.30	1.498+			C III 1909	1878	1878					1878Bmag, 2058BAL	
	C	-28 38 36.5	-28 22 22.5															
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		-0.67	1.964			C IV 1549	1878	2058					1878Bmag	
	C	-28 40 23.5	-28 24 9.5															
0053-288	SGP3:37	0 53 18.3	0 55 43.44	19.32				0.80 (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		-0.88	2.029			H I 1216 N V 1240 C IV 1549	765	765					2058Bmag, 2058ubv pos & B(J)mag, 2274	
	O	-29 21 51	-29 5 37.0															
0053-282	MD1:110	0 53 19.9	0 55 45.26	20.4					1.86	H I 1216 N V 1240 C IV 1549	765	765					pos & B(J)mag, 2274; 1948phot mag	
	O	-28 13 49.0	-27 57 35.0															
0053-302	S41	0 53 20.36	0 55 44.99	19.3					2.43	H I 1216 C IV 1549	1948	1948					1948phot mag	
	O	-30 16 11.0	-29 59 57.0															
0053-287	SGP3:31	0 53 24.2	0 55 49.36	19.59		-0.75	1.706			O IV 1402 C IV 1549 He II 1640 C III 1909	1878	1878					1878Bmag	
	C	-28 45 23.8	-28 29 9.9															
0053-424	MD6:99	0 53 25.92	0 55 45.32	19.7					2.25	H I 1216 N V 1240 C IV 1549	1431	1431						
	O	-42 29 0.5	-42 12 46.5															
0053-286	SGP3:27	0 53 30.93	0 55 56.13	19.05		-0.84	1.920			H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909	1324	1878					1878Bmag	
	C	-28 36 26.7	-28 20 12.9															
	MD1:112																	
0053-255	MD1:113	0 53 31.29	0 55 57.53	19.2					1.43	C IV 1549 C III 1909	1948	1948					1948phot mag	
	O	-25 35 28.5	-25 19 14.7															
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 C III 1909 Mg II 2798	1878	1878					1878Bmag	
	C	-28 36 49.7	-28 20 35.9															

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)	DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
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				-0.54	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				1878Bmag	
	C	-28 43 11.8	-28 26 58.1								2058	2058					
0053-285	SGP3:18	0 53 37.1	0 56 2.32	19.97				-0.79	1.029	C III 1909 Mg II 2798	1878	1878				1878Bmag	
	C	-28 30 12.3	-28 13 58.6								2058	2058					
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		1203ubv	
	O	-27 9 10.1	-26 52 56.4									1203					
0053-254	MD1:114	0 53 39.29	0 56 5.57	18.3					1.379	C IV 1549 C III 1909	1948	1948				1948phot mag	
	O	-25 26 19.7	-25 10 6.1													LBQS	
0053+018		0 53 39.3	0 56 13.62	18.6					0.891		2216	2216					
	O	1 51 22	2 7 35.4								2274	2274					
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					
	O	-1 34 42	-1 18 28.6								2274	2274					
0053-027		0 53 42.7	0 56 15.74	17.9					1.210		2216	2216					
	O	-2 44 53	-2 28 39.6								2274	2274					
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				-0.29	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					
	O	-0 15 4	0 1 9.1								2274	2274					
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		1131		1847ir	
	O	-28 24 46.4	-28 8 33.1								1874	1131		1874		Iy limit abs,	
											2228	1874		2228		z=3.585,1874,	
											2263	2247		2263		2247	
0054-292	SGP7:35	0 54 3.64	0 56 28.51	19.05				-0.87	1.801	C IV 1549	1948	2058				2058Bmag,	
	O	-29 17 16.8	-29 1 3.6							C III 1909	2058	1948				2058ubv	
	MD1:116															1948phot mag	
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				1203ubv	
	O	-27 33 36.1	-27 17 22.9									765					

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		
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 1026 O VI 1034 H I 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 1216 N V 1240 C IV 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 1216 N V 1240 C IV 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 1026 H I 1216 Si IV 1397 O IV 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 1909 C II 2326 Mg II 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 1216 Si IV 1397 O IV 1402 C IV 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 1216 C IV 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	-0.10	-0.40	0.171		Mg II 2798 H I 4340 H I 4861 O III 5007		030					029ubv,705, 1202pol,850, 853,921rmd, 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 1216 N V 1240 C IV 1549 He II 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 1216 N V 1240 C IV 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 1549 C III 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 1216 N V 1240 Si II 1263 Si IV 1397 O IV 1402 C IV 1549		028 1304 024 351 024 1527 1818 2162					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 1216 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				
0054-260	MD1:125	0 54 55.48	0 57 21.38	19.2			1.65	C IV 1549	1948	1948						1948phot mag	
	O	-26 1 51.9	-25 45 39.6					C III 1909									
0054-409	MD6:105	0 54 58.80	0 57 18.57	19.8			1.97	H I 1216	1948	1948						1948phot mag	
	O	-40 57 33.2	-40 41 20.8														
0054-278	SGP4:41	0 54 59.3	0 57 24.56	19.49		-1.06	1.209	C III 1909	2058	2058						2058Bmag, 2058ubv	
	C	-27 48 12	-27 31 59.7														
0055-387	MD6:106	0 55 1.78	0 57 22.60	18.4			2.35	H I 1216	1431	1431							
	O	-38 44 42.9	-38 28 30.6					N V 1240	1948	1948							
								C IV 1549									
0055+016		0 55 2.8	0 57 37.09	18.6			2.232		2216	2216							
	O	1 41 41	1 57 52.9						2274	2274							
0055-271	MD1:126	0 55 6.62	0 57 32.09	19.9			1.82	H I 1216	1948	1948						1948phot mag	
	O	-27 11 12.9	-26 55 0.8														
0055-428	MD6:107	0 55 8.26	0 57 27.03	20.2			2.28	H I 1216	1948	1948						1948phot mag	
	O	-42 51 12.8	-42 35 0.6														
0055-277	CT 250	0 55 9.66	0 57 34.92	18.77		-0.39	2.186	O VI 1034	1324	1203						1203ubv	
	C	-27 44 40.2	-27 28 28.1					H I 1216	1948	1400						Two faint	
	MD1:127							N V 1240	2058	1436						gals near,1203	
	SGP4:14							Si IV 1397		1948						3.08 arcmin	
								C IV 1549		2058						from UGC 0554,	
										2202						2118	
0055-285	MD1:128	0 55 13.13	0 57 38.09	19.9			2.76	H I 1216	1948	1948						1948phot mag	
	O	-28 32 34.8	-28 16 22.8														
0055-259	CT 251	0 55 14.32	0 57 40.20	18.7			0.584	Mg II 2798	1324	1436							
	C	-25 59 5.5	-25 42 53.5					O II 3727		2202							
0055-020		0 55 15.3	0 57 48.53	18.6			1.983		2216	2216							
	O	-2 0 36	-1 44 24.2						2274	2274							
0055-288	SGP1:39	0 55 19.1	0 57 43.92	20.70		-1.27	1.388	C IV 1549	1878	1878						1878Bmag	
	C	-28 52 39.4	-28 36 27.5					C III 1909	2058	2058							
0055-415	MD6:108	0 55 21.83	0 57 41.19	20.3			1.80	H I 1216	1948	1948						1948phot mag	
	O	-41 35 30.4	-41 19 18.4														
0055+156	PHL 915	0 55 23.36	0 58 1.74	18.4	-0.10	-0.40	1.263	C IV 1549			030					029ubv,853rnd	
	C	15 37 3.7	15 53 15.2					C III 1909									
0055-280	SGP4:37	0 55 27.3	0 57 52.41	20.97		-0.63	1.691	C IV 1549	2058	2058						2058Bmag, 2058ubv	
	C	-28 1 29	-27 45 17.2					C III 1909									
0055-308	S35	0 55 27.76	0 57 51.82	18.59			2.36	H I 1216	2187	2187						2187m(or)	
	C	-30 50 30.8	-30 34 19.0					N V 1240									
								C IV 1549									
0055-402	MD6:109	0 55 28.90	0 57 48.89	19.5			1.90	H I 1216	1948	1948						1948phot mag	
	O	-40 16 24.0	-40 0 12.2					He II 1640									
0055-277	SGP4:10	0 55 29.0	0 57 54.22	20.57		-1.02	(0.907)	Mg II 2798	2058	2058						2058Bmag, 2058ubv	
	C	-27 43 12	-27 27 0.3														
0055-021		0 55 31.7	0 58 4.90	17.5			0.239		2216	2216							
	O	-2 6 28	-1 50 16.5						2274	2274							
0055-269		0 55 32.46	0 57 57.94	17.1			3.656*	O VI 1034	3.6764	1482	1622			1874	18.9	B(J)mag,	
	O	-26 59 26.8	-26 43 15.1					H I 1216	3.6013	2186	1482			2059	2274		
								N V 1240	3.1943	1874				2125			
								Si IV 1397	3.1910					2228			
								O IV 1402	2.9494					2243			
									1.5335					2263			
0055-280	SGP4:29	0 55 34.8	0 57 59.88	19.57		-0.75	1.650	C IV 1549	2058	2058						2058Bmag, 2058ubv	
	C	-28 3 44	-27 47 32.4					C III 1909									
0055+024		0 55 35.3	0 58 9.80	18.6			0.373		2216	2216							
	O	2 25 44	2 41 55.4						2274	2274							
0055-284		0 55 38.42	0 58 3.34	18.87		-0.35	0.648	Mg II 2798	1203	1203						1203ubv	
	O	-28 28 23.4	-28 12 11.8					O III 3133		1400							

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	ABS	
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	0 58 37.42	16.7	-.20	0.162						1650	1650				101 arcmin from NGC 300, 1650,2118
		-36 22 17	-36 6 6.0														
0056-286	SGP1:16	0 56 18.0	0 58 42.74	20.48			-.58	(0.965)	Mg II 2798			1878	1878				1878Bmag
	C	-28 41 44.8	-28 25 33.9									2058	2058				
0056-287	SGP1:04	0 56 18.1	0 58 42.81	19.91			-.91	1.740	Si IV 1397			1878	1878				1878Bmag
	C	-28 45 54.2	-28 29 43.3						C IV 1549			2058	2058				
0056-405	MD6:116	0 56 19.74	0 58 39.41	20.1				2.14	H I 1216			1948	1948				1948phot mag
	O	-40 30 34.8	-40 14 23.9														
0056-292	CT 271	0 56 20.85	0 58 45.37	18.7				1.255	H I 1216			765	1436				z in 1436
	C MD1:131	-29 15 35.4	-28 59 24.6						C IV 1549			1324	1948				differs (1.25)
									He II 1640			1948	2202				
									C III 1909								
									Mg II 2798								
0056-394	MD6:117	0 56 21.02	0 58 41.22	18.6				1.409	C IV 1549			1431	1431				100 arcmin
	O	-39 24 51.2	-39 8 40.3									1650	1650				from NGC 300, 1650
												1948	1948				
0056-277	SGP4:27	0 56 27.5	0 58 52.56	20.34			-.50	(0.560)	Mg II 2798			2058	2058				2058Bmag,
	C	-27 45 42	-27 29 31.3														2058ubv
0056-277	SGP4:09	0 56 30.0	0 58 55.04	20.42			-.59	1.159	C III 1909			2058	2058				2058Bmag,
	C	-27 47 51	-27 31 40.4														2058ubv
0056-278	SGP4:05	0 56 30.5	0 58 55.54	20.18			-.27	0.101				2058	2058				2058Bmag,
	C	-27 48 43	-27 32 32.4														2058ubv, 2058neml
0056-001	PHL 923	0 56 31.73	0 59 5.49	17.02	.20	-.70	0.717		C III 1909			001	1513		128		001,003ubv,
	C 4C 00.06	-0 9 19.2	0 6 51.2						Mg II 2798				002		789		1119rvar,
	X PKS												005		1266		1350x,1201pol,
	R OB 094														1527		057,079fc,
	DA 32														1792		1526vlbi,
															1877		1810pos
															1888		1902avg ph mag
0056-290	SGP1:20	0 56 34.52	0 58 59.07	19.87			-1.54	1.341	C IV 1549			1878	1878				1878Bmag
	C MD1:132	-29 5 31.2	-28 49 20.6						C III 1909			1948	1948				
									Mg II 2798			2058	2058				
0056-277	SGP4:07	0 56 35.8	0 59 0.83	20.86			-.94	0.683	Mg II 2798			2058	2058				2058Bmag,
	C	-27 47 18	-27 31 7.5														2058ubv
0056-279	SGP4:08	0 56 36.5	0 59 1.47	20.82			-.27	(0.329)				2058	2058				2058Bmag,
	C	-27 56 41	-27 40 30.5														2058ubv, 2058neml
0056-287	O	0 56 41.3	0 59 5.97	17.8				0.934				2274	2274				
		-28 43 14	-28 27 3.6														
0056+014	PC	0 56 43.4	0 59 17.62	18.9				3.154+				1698	1698				1698rmag
	O	1 25 55.8	1 42 5.9														
0056-310	MD1:133	0 56 43.70	0 59 7.47	19.0				1.54	C IV 1549			1948	1948				1948phot mag
	O	-31 1 53.7	-30 45 43.3						C III 1909								
0056-281	SGP4:39	0 56 44.1	0 59 8.99	20.85			-1.10	1.716	C IV 1549			2058	2058				2058Bmag,
	C	-28 7 34	-27 51 23.6						C III 1909								2058ubv
0056+001	O	0 56 44.4	0 59 18.25	18.0				0.613				2216	2216				
		0 9 9	0 25 19.1									2274	2274				
0056-026	O	0 56 47.3	0 59 20.32	18.9				2.226				2274	2274				
		-2 41 51	-2 25 40.9														
0056-370	O	0 56 47.3	0 59 8.51	18.5				2.26	H I 1216			1289	1289				
		-37 3 30	-36 47 19.6						C IV 1549								
0056-408	MD6:118	0 56 47.50	0 59 6.89	19.3				1.97	H I 1216			1948	1948				1948phot mag
	O	-40 49 57.2	-40 33 46.8														
0056-293	S13	0 56 50.67	0 59 15.07	18.59				1.40				2187	2187				2187m(or)
	C	-29 21 49.0	-29 5 38.7														

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

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		
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 N V	1216 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 C IV	1216 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 C IV	1216 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 C IV	1216 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 C IV	1216 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 N V C IV	1216 1240 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 C IV	1216 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 N V C IV	1216 1240 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 N V C IV	1216 1240 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 C IV	1216 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 N V C IV	1216 1240 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 C III	1549 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 N V	1216 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 C III	1549 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 C III	1549 1909	1203 1948 1948				1203ubv z in 1203 differs	

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		
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					1948phot mag LBQS	
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	035	034	1068		034 036 489 1872 1873 2228 2263	035ubv,705, 1202pol,853, 872rnd, 1513slp,446fc, 037,038,324, 582sp 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	ABS		
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 2202							2274	
0058-294	S16	0 58 42.43	1 1 6.52	20.4			1.62	C IV 1549	765 2187 2187								
	O	-29 24 6.8	-29 7 58.6														
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 2274 2274								
	O	2 18 22	2 34 29.9														
0058-024		0 58 49.8	1 1 22.86	18.2			1.691		2216 2216 2274 2274								
	O	-2 28 56	-2 12 48.2														
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 2274 2274								
	O	1 21 37	1 37 44.7														
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	2228 765							pos & B(J)mag, 2274	
								C IV 1549 1.80									
								C III 1909									
0058+020		0 58 59.7	1 1 34.14	18.5			0.599		2210 2216 2216 2210								
	O	2 5 47	2 21 54.6														
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 2274 2274								
	O	1 47 4	2 3 11.6														
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 H I 4340 H I 4861 O III 4959 O III 5007	2202								
0059-021		0 59 9.1	1 1 42.26	18.4			2.290		2216 2216 2274 2274								
	O	-2 7 59	-1 51 51.5														
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 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		
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					0.901		1650 1650						near NGC 300, 1650
	O	-36 6 9	-35 50 1.7		.20												
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 QSO 0059-3433, 1489; z in 1948 differs (1.09)
	O	-34 30 11.0	-34 14 3.8							O II 3727	1948						
										H I 4102							
										H I 4340							
										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 QSO0059-3430, 1489
	O	-34 33 25	-34 17 17.8							C III 1909							
										Mg II 2798							
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 absz; 1.582 narrow absz; some abs from highly excited levels of Fe, 1755
										C IV 1549	2186						
										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	ABS	
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 -29 40 31.4	1 2 17.63 -29 24 24.6	20.0		2.13	H I C IV	1216 1549	1948 1948						1948phot mag	
0059-284 O	MD1:161 -28 24 41.9	1 2 21.38 -28 8 35.1	20.7		2.97	H I C IV	1216 1549	1948 1948						1948phot mag	
0059-269 O	MD1:160 -26 57 54.1	1 2 22.00 -26 41 47.3	18.9		2.266+	H I N V C IV	1216 1240 1549	765 1400 1948 765 1948					1400		
0100-280 O	MD1:162 S32 -28 4 14.0	1 2 26.60 -27 48 7.3	19.7		2.26	H I N V C IV	1216 1240 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 C IV	1216 1549	1289 1289							
0100-368 O	MD4:15 -36 48 13.2	1 2 28.02 -36 32 6.6	18.2		1.396	C IV C III Mg II	1549 1909 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 -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 -29 10 19.9	1 2 39.80 -28 54 13.5	19.2		2.36	H I N V C IV	1216 1240 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 Mg II	1909 2798	1289 1289							
0100-283 C	S47 -28 21 31.7	1 2 49.51 -28 5 25.5	18.72		2.64	H I N V C IV	1216 1240 1549	2187 2187						2187m(or)	
0100-427 O	MD6:133 -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 10 50 40	1 3 4.82 11 6 45.8	18		0.144	O II H I O III O III	3727 4861 4959 5007	019			1111 1171				
0100-362 O	MD4:17 -36 12 48.1	1 2 48.64 -35 56 41.9	20.4		1.31	C IV C III	1549 1909	1948 1948						1948phot mag	
0100-407 O	MD6:134 -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 -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 -19 1 31	1 2 57.48 -18 45 24.9	18.8		1.97	H I N V C IV	1216 1240 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 Mg II	1909 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 -27 2 42.0	1 2 56.44 -26 46 35.9	17.5		1.597	C IV He II C III	1549 1640 1909	296 493 1948 399 1400 1436 1948 2202						761,1304sp, 1324fc, 1966rnd	

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		
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				-0.98	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	-0.28	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		552 674 1000 1208 1509 1550 1551 1637 2082 2168 2228 2263	029,041ubv, 705,1202pol, 850,853, 921rnd,799, 921,950,992, 1092,1319, 1617ir,873rnd, 041,042,043, 562,582,911, 986sp,921phot, 1941uv 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 PHL 959	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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
	DEC	(1950)	DEC	(2000)						ID	Z	VAR	R	ABS		
0100+011 O	1 0	49.7	1 3	23.85	18.5			1.405		2216	2216					
	1 6	7	1 22	12.5						2274	2274					
0100-289 C	CT 323	1 0	50.81	1 3	14.75	18.9		1.226+	C IV 1549 He II 1640 C III 1909 Mg II 2798	1324	1436					2202BAL
		-28 57	27.8	-28 41	22.1						2202					
0100-338 O		1 0	51.2	1 3	13.05	19.9		2.26	H I 1216 C IV 1549	1289	1289					
		-33 50	29	-33 34	23.2											
0100-760 R	PKS	1 0	55.27	1 2	18.32	17.9		(1.015)	Mg II 2798	494	1304		1966			761sp, 1526vlbi
		-76 2	56.1	-75 46	49.7						493					
0100+004 O		1 0	55.5	1 3	29.44	19.0		1.436		2274	2274					
		0 24	49	0 40	54.4											
0100+099 C	PHL 964 PKS	1 0	56.57	1 3	33.51	18.18	.02	-.63	0.465	Mg II 2798 NeIII 3869 H I 4102 H I 4340		030				040ubv,853rnd, 1420sp, 1420FeIIem
		9 54	29.1	10 10	34.4						040					
0101-292 O	MD1:169	1 1	0.41	1 3	24.18	19.9		1.95	H I 1216 C IV 1549	765	1948					z in 765 differs
		-29 17	53.3	-29 1	47.7					1948						
0101-422 O		1 1	1.4	1 3	18.97	17.5		1.90	H I 1216 N V 1240 C IV 1549	1431	1431					
		-42 16	54	-42 0	48.3											
0101-271 O		1 1	1.8	1 3	26.43	18.6		0.558		2274	2274					
		-27 8	50	-26 52	44.5											
0101-365 O	MD4:19	1 1	4.02	1 3	24.59	20.5		2.10	H I 1216	1948	1948					1948phot mag
		-36 30	5.4	-36 13	59.9											
0101-299 C	S03	1 1	4.08	1 3	27.56	18.66		0.76		2187	2187					2187m(or)
		-29 58	52.7	-29 42	47.2											
0101-258 O	MD1:170	1 1	8.17	1 3	33.31	18.4		1.973	H I 1216 Si IV 1397 O IV 1402 C IV 1549	1948	1948					1948phot mag
		-25 48	29.5	-25 32	24.1						LBQS					
0101+001 O		1 1	8.9	1 3	42.76	17.4		0.395		2216	2216					
		0 9	32	0 25	37.1					2274	2274					
0101-304 C	S92	1 1	14.11	1 3	37.38	20.1		4.073	O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	1823	1823					1879ir,2014sp, 2014fc
		-30 25	4.2	-30 8	58.9					2187	2187					
0101-363 O	MD4:20	1 1	15.22	1 3	35.82	20.3		2.18	H I 1216	1948	1948					1948phot mag
		-36 22	1.3	-36 5	56.0											
0101-268 O		1 1	15.8	1 3	40.50	19.4		(3.5)		1482	1482					
		-26 53	27.5	-26 37	22.3											
0101-292 O	MD1:171	1 1	18.30	1 3	42.04	19.4		2.38	LYB 1026 O VI 1034 H I 1216 C IV 1549	1948	1948					1948phot mag
		-29 15	40.9	-28 59	35.7											
0101-365 O	MD4:21	1 1	19.79	1 3	40.29	20.7		1.96	H I 1216	1948	1948					1948phot mag 3.69 arcmin from 010104.02 -363005.4,1948
		-36 31	54.0	-36 15	48.8											
0101-360 O	MD4:22	1 1	20.78	1 3	41.52	18.0		1.57	C IV 1549	1948	1948					1948phot mag
		-36 2	22.3	-35 46	17.1											
0101-339 O		1 1	21.9	1 3	43.62	19.2		2.26	H I 1216 C IV 1549	1289	1289					
		-33 55	28	-33 39	22.8											
0101-261 O	MD1:172	1 1	23.86	1 3	48.82	17.9		1.95	H I 1216	1948	1948					1948phot mag
		-26 11	2.7	-25 54	57.6											

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	ABS		
0101-399	MD6:139	1 1	31.45	1 3	50.16	19.0			1.12	C III 1909	1948	1948				1948phot mag	
	O	-39 58	35.9	-39 42	30.9												
0101-304		1 1	32.10	1 3	55.32	19			3.150*	H I 1216 C IV 1549	3.1363 2.907	911 2186	1874 911			911 1874 2228 2263	
	O	-30 25	53.5	-30 9	48.6						1.2560	1400					
0101-014		1 1	37.3	1 4	10.66	18.8			0.211				2274	2274			
	O	-1 24	53	-1 8	48.4												
0101-299		1 1	40.1	1 4	3.48	20.1			1.33	C IV 1549 C III 1909			765	765			
	O	-29 59	52.2	-29 43	47.4												
0101-025	PKS	1 1	44.2	1 4	17.21	19.1			2.05				1300	1300	1300	pos & B(J)mag,	
	R	-2 31	44.5	-2 15	40.0										1527 2162	2274	
0101-324		1 1	44.2	1 4	6.51	19.0			1.60	Si IV 1397 O IV 1402 C IV 1549 C III 1909			1289	1289			
	O	-32 27	27	-32 11	22.3												
0101-428	MD6:140	1 1	47.30	1 4	4.34	19.7			1.41	C IV 1549			1948	1948		1948phot mag	
	O	-42 51	36.9	-42 35	32.1												
0101-414	MD6:141	1 1	47.30	1 4	5.12	20.1			2.06	H I 1216			1948	1948		1948phot mag	
	O	-41 29	56.3	-41 13	51.6												
0101-384	MD6:142	1 1	50.54	1 4	9.98	20.0			2.11	H I 1216			1948	1948		1948phot mag	
	O	-38 26	18.1	-38 10	13.4												
0101-353		1 1	53.1	1 4	14.05	17.3			2.20	H I 1216 C IV 1549			1289	1289		3.8arcmin from NGC 365,2118	
	O	-35 21	17	-35 5	12.4												
0101-337		1 1	57.1	1 4	18.77				2.21	H I 1216 C IV 1549			1289	1289			
	O	-33 47	5	-33 31	0.5												
0101-015		1 1	57.2	1 4	30.53	18.5			1.156				2216	2216			
	O	-1 30	35	-1 14	30.8								2274	2274			
0102-265	S11	1 2	0.61	1 4	25.35	18.66			1.24				2187	2187		2187m(or)	
	C	-26 31	3.3	-26 14	59.0												
0102-277	S22	1 2	3.75	1 4	28.01	19.59			1.85	C IV 1549			2187	2187		2187m(or)	
	C	-27 42	31.0	-27 26	26.7												
0102-285	S46	1 2	4.73	1 4	28.63	18.57			2.63	H I 1216 N V 1240 C IV 1549			2187	2187		2187m(or)	
	C	-28 35	34.3	-28 19	30.0												
0102-336	MD4:23	1 2	6.42	1 4	28.14	19.0			2.21	H I 1216 C IV 1549			1289	1289			
	O	-33 36	19.6	-33 20	15.3								1948	1948			
0102-373	MD4:24	1 2	15.63	1 4	35.55	19.1			1.93	H I 1216 O IV 1402			1948	1948		1948phot mag	
	O MD6:143	-37 19	32.7	-37 3	28.6												
0102-272	CT 336	1 2	16.53	1 4	40.95	17.8			0.780	C II 2326 Mg II 2798			1324	1436		2202	
	C	-27 13	11.7	-26 57	7.7												
0102-323	MD4:25	1 2	17.43	1 4	39.70	20.3			2.53	H I 1216			1948	1948		1948phot mag	
	O	-32 19	22.5	-32 3	18.4												
0102-335		1 2	17.5	1 4	39.23	19.3			0.38	Mg II 2798 O II 3727			1289	1289	1966		
	O R	-33 30	55	-33 14	50.9												
0102-338	MD4:26	1 2	17.91	1 4	39.48	20.3			0.35	Mg II 2798 O II 3727			1289	1289		z in 1948 differs (2.17)	
	O	-33 52	14.6	-33 36	10.5								1948				
0102-426		1 2	18.1	1 4	35.14	18.0			2.33 +	H I 1216 N V 1240 C IV 1549			1431	1431		1431	
	O	-42 38	10	-42 22	5.9												
0102-017		1 2	20.9	1 4	54.14	17.4			0.571				2216	2216		2216uvem	
	O	-1 47	35	-1 31	31.3								2274	2274			
0102-026		1 2	21.2	1 4	54.16	18.6			1.843				2216	2216			
	O	-2 40	11	-2 24	7.3								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	ABS		
0102-345	MD4:27	1 2	22.75	1 4	44.00	19.5			2.31	H I 1216 Si IV 1397 O IV 1402 C IV 1549	1289	1289					z in 1948 differs (1.67)
	O	-34 30	51.2	-34 14	47.2						1948	1948					
0102-401	MD6:144	1 2	24.39	1 4	42.80	19.7			1.57	C III 1909	1948	1948					1948phot mag
	O	-40 9	9.3	-39 53	5.3												
0102-301	S43	1 2	29.02	1 4	52.20	19.5			2.55	H I 1216 Si IV 1397 O IV 1402	1948	1948					1948phot mag
	O MD1:173	-30 9	15.5	-29 53	11.7						2187	2187					
0102-371	MD4:28	1 2	33.02	1 4	52.95	19.2			2.56	H I 1216 O IV 1402	1948	1948					1948phot mag
	O	-37 10	59.3	-36 54	55.5												
0102-011		1 2	34.7	1 5	8.15	17.8			1.588		2216	2216					
	O	-1 6	45	-0 50	41.6						2274	2274					
0102+006		1 2	35.3	1 5	9.31	18.4			0.649		2216	2216					
	O	0 36	55	0 52	58.4						2274	2274					
0102+026		1 2	35.5	1 5	10.17	18.6			1.509		2216	2216					
	O	2 41	3	2 57	6.4						2274	2274					
0102-375	MD4:29	1 2	37.36	1 4	57.09	19.0			0.38	Mg II 2798 O II 3727	1289	1289					z in 1948 differs (1.52)
	O	-37 32	12.7	-37 16	9.0						1948	1948					
0102-293	S40	1 2	39.28	1 5	2.76	18.62			2.44	H I 1216 N V 1240 C IV 1549	2187	2187					2187m(or)
	C	-29 22	19.7	-29 6	16.1												
0102-389		1 2	40.5	1 4	59.48	19.4			1.54	C IV 1549 C III 1909	478	478					846rnd
	O	-38 58	38	-38 42	34.3												
0102-301	CT 338	1 2	42.89	1 5	6.01	18.9			0.838	C III 1909 Mg II 2798	1324	2202					
	C	-30 11	59.6	-29 55	56.1												
0102-022		1 2	44.0	1 5	17.09	18.6			1.979		2216	2216					
	O	-2 14	31	-1 58	27.7						2274	2274					
0102-259	MD1:174	1 2	47.43	1 5	12.28	19.9			2.01	H I 1216 C IV 1549	1948	1948					1948phot mag
	O	-25 59	7.7	-25 43	4.3												
0102-190	UM 669	1 2	49.7	1 5	17.16	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					1025 1025,1208BAL 1208 Ly limit abs, 1874 z=2.940,1874; 2228 prob damped Ly alpha,z=2.37; 2263 poss damped Ly alpha,z= 2.92,1874; damped Ly alpha,2243
	O	-19 2	18	-18 46	14.7												
0102-340		1 2	51.5	1 5	12.87	18.7			1.53	Si II 1307 C IV 1549 C III 1909	1289	1289					
	O	-34 4	42	-33 48	38.6						1400	1400					
0102-414	MD6:145	1 2	52.37	1 5	9.96	19.5			2.08	H I 1216 C IV 1549 He II 1640	1948	1948					1948phot mag
	O	-41 25	14.0	-41 9	10.5												
0102-290		1 2	53.51	1 5	17.09	18.64			1.54		2187	2187					2187m(or)
	C	-29 3	29.7	-28 47	26.4												
0102-295	MD1:175	1 2	54.56	1 5	17.94	19.9			2.22	H I 1216 C IV 1549	1948	1948					1948phot mag
	O	-29 31	13.0	-29 15	9.7												
0102-265		1 2	56.70	1 5	21.29	18.2			1.227	C IV 1549 C III 1909	765	1400					
	O	-26 34	15.9	-26 18	12.7												
0102-296	MD1:176	1 2	57.28	1 5	20.58	19.7			2.82	H I 1216 N V 1240	765	765					
	O S52	-29 41	2.6	-29 24	59.4						1948	1948					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)	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 C	S69 -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 C	S73 -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 O	MD1:177 -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		765 765 1948 1948					
0103+025 O	1 3 3.3 2 34 56	1 5 37.94 2 50 58.8	18.0				1.700			2216 2216 2274 2274					
0103-016 O	1 3 7.0 -1 41 0	1 5 40.27 -1 24 57.2	18.5				2.206			2216 2216 2274 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 2216 2274 2274					
0103-405 O	MD6:146 -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 O	MD1:178 -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 O	MD1:179 -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	765 765 1409 1948 1948				765 2263	
0103-408 O	MD6:147 -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 O R	MD1:180 -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		765 765 1409 1948 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 O	MD6:148 -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 O	PC 1 23 27.7	1 5 55.96 1 39 30.2	19.7				3.066			1698 1698					1698rmag
0103-283 O	MD1:181 -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 O	MD6:149 -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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
	DEC	(1950)	DEC	(2000)							ID	Z	VAR	R		ABS
0103+013 O	1 3	30.4	1 6	4.66	18.8			0.782			2274	2274			
	1 23	6	1 39	8.3											
0103-290 C	1 3	33.01	1 5	56.50	18.24			2.870	H I 1216 N V 1240 C IV 1549		2186	2186			
	-29 1	30.0	-28 45	27.5							2274	2274			
0103-263 O	1 3	34.3	1 5	58.88	16.9			0.776			2274	2274			
	-26 22	24	-26 6	21.5											
0103-426 MD6:150 O	1 3	37.35	1 5	54.04	20.2			1.81	H I 1216 C IV 1549		1948	1948			1948phot mag
	-42 38	48.8	-42 22	46.2											
0103-294 S71 C	1 3	39.52	1 6	2.83	19.52			3.11	H I 1216 N V 1240 C IV 1549		2187	2187			2187m(or)
	-29 24	59.0	-29 8	56.6											
0103-260 S82 C	1 3	39.61	1 6	4.31	18.45			3.36	H I 1216 N V 1240 C IV 1549		2187	2187			2187m(or)
	-26 2	54.8	-25 46	52.4											
0103-376 MD4:30 O MD6:151	1 3	44.43	1 6	3.86	20.1			2.92	H I 1216		1948	1948			1948phot mag
	-37 39	30.5	-37 23	28.1											
0103+010 O	1 3	45.0	1 6	19.16	18.3			0.256			2274	2274			
	1 4	17	1 20	19.0											
0103-021 PKS R	1 3	49.94	1 6	23.03	19.84			2.201	H I 1216 C IV 1549		026	1302		023	
	-2 11	41.8	-1 55	39.9							440	1181		351	1527
0103-258 MD1:182 O	1 3	50.68	1 6	15.43	19.8			2.51	H I 1216		1948	1948			1948phot mag
	-25 52	21.4	-25 36	19.3											
0103-393 MD6:152 O	1 3	53.49	1 6	11.99	19.7			2.35	H I 1216 C IV 1549		1948	1948			1948phot mag
	-39 21	13.4	-39 5	11.2											
0103-292 MD1:183 O	1 3	54.46	1 6	17.81	18.6			2.80 +	O VI 1034 H I 1216		766	911		911	
	-29 13	5.9	-28 57	3.8							1948	766			
											2186	1948			
0103-360 O	1 3	54.9	1 6	15.13	19.6			1.93	H I 1216 C IV 1549		1289	1289			
	-36 1	1	-35 44	58.9											
0103-002 O	1 3	55.9	1 6	29.63	18.5			1.629			2216	2216			
	-0 14	40	0 1	21.8							2274	2274			
0103-278 MD1:184 O	1 3	57.24	1 6	21.17	18.2			1.47	C IV 1549		1948	1948			1948phot mag
	-27 49	48.6	-27 33	46.6											
0103-349 MD4:31 O	1 3	59.93	1 6	20.67	20.5			1.55	C IV 1549 C III 1909		1948	1948			1948phot mag
	-34 56	26.2	-34 40	24.2											
0104-321 O	1 4	2.0	1 6	24.04	19.0			1.70	C IV 1549 C III 1909		1289	1289			
	-32 9	21	-31 53	19.0											
0104-275 PKS R MD1:185	1 4	2.1	1 6	26.13	18.8			2.492	H I 1216 C IV 1549		765	1400			1966rnd pos & B(J)mag, 2274
	-27 34	14.3	-27 18	12.4							1948	1948			
											2186				
0104+000 O	1 4	2.8	1 6	36.62	18.3			0.910			2216	2216			
	0 1	12	0 17	13.6							2274	2274			
0104-284 S12 C	1 4	3.73	1 6	27.37	18.90			1.31			2187	2187			2187m(or)
	-28 29	6.0	-28 13	4.1											
0104-274 O	1 4	13.1	1 6	37.14	19.8			1.91	H I 1216 N V 1240		765	765			
	-27 28	58.1	-27 12	56.4											

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)	DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
0104+318 X	1 4 13.20 31 53 16.7	1 6 58.76 32 9 17.8	18.72*	.09			2.027*	N V 1240 Si IV 1397 C IV 1549 C III 1909	1.7546	1186 1186 1554	2263	1233,1554x, 1233ubv, 1213rnd, 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 O	1 4 14.1 0 30 26	1 6 48.08 0 46 27.4	18.5				1.874			2216 2216 2274 2274					
0104+022 O	1 4 15.0 2 15 0	1 6 49.55 2 31 1.4	19.72				4.163	O VI 1034 H I 1216 N V 1240 O I 1304 Si II 1307 O IV 1402 C IV 1549		2014 2014		2014rmag			
0104-281 O	CT 354 CS 199	1 4 15.2 -28 9 57	1 6 38.95 -27 53 55.4	18.5			1.574	C IV 1549 C III 1909		765 765 1436 2202		2202BAL?			
0104-271 O	MD1:186	1 4 21.24 -27 8 29.5	1 6 45.40 -26 52 28.0	19.3			2.03	H I 1216 N V 1240		765 765 1948 1948		pos & B(J)mag, 2274			
0104-265 O		1 4 22.8 -26 35 2.9	1 6 47.19 -26 19 1.4	19.8			1.89	H I 1216 N V 1240		765 765		pos & B(J)mag, 2274			
0104-395 O		1 4 25.5 -39 30 29	1 6 43.79 -39 14 27.5	19.2			2.20 +	H I 1216 N V 1240 C IV 1549		1431 1431		1431BAL			
0104-374 O	MD6:153	1 4 25.97 -37 25 30.8	1 6 45.37 -37 9 29.3	20.0			2.00	H I 1216		1948 1948		1948phot mag			
0104-408 R	PKS	1 4 27.57 -40 50 21.2	1 6 45.11 -40 34 19.7	19.0			0.584	Mg II 2798 H I 4861 O III 4959 O III 5007		1875 1861 1966					
0104-361 O		1 4 28.0 -36 10 47	1 6 48.03 -35 54 45.5	19.3			0.34	Mg II 2798 O II 3727		1289 1289					
0104-387 O	MD6:154	1 4 29.90 -38 47 57.3	1 6 48.56 -38 31 55.9	19.5			2.33	H I 1216 C IV 1549		1948 1948		1948phot mag			
0104-269 C	S19	1 4 39.56 -26 59 59.8	1 7 3.73 -26 43 58.7	19.18			1.69	C IV 1549		2187 2187		2187m(or)			
0104-373 O	MD4:32	1 4 40.15 -37 22 9.1	1 6 59.53 -37 6 7.9	19.8			2.09	H I 1216 C IV 1549		1948 1948		1948phot mag			
0104-285 O	MD1:187	1 4 43.11 -28 30 32.2	1 7 6.64 -28 14 31.1	19.2			2.26	LYB 1026 H I 1216 C IV 1549		765 765 1948 1948					
0104-291 O	MD1:188 S31	1 4 50.05 -29 11 15.0	1 7 13.27 -28 55 14.1	19.3			2.25	H I 1216 N V 1240 C IV 1549		765 765 1948 1948 2187 2187					
0104-375 O	MD6:155	1 4 55.63 -37 33 38.4	1 7 14.86 -37 17 37.5	19.8			1.82	H I 1216 O IV 1402		1948 1948		1948phot mag			
0104-381 O	MD6:156	1 4 55.79 -38 9 47.5	1 7 14.70 -37 53 46.6	19.6			2.11	H I 1216 N V 1240 C IV 1549		1431 1431 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			
0104-381 O	1 4 56.2 -38 7 7	1 7 15.13 -37 51 6.1	19.0			2.06	H I 1216 Si II 1307 C IV 1549	1289 1289							
0104-356 O	MD4:33 1 4 59.91 -35 39 28.0	1 7 20.10 -35 23 27.2	18.9			1.52	C IV 1549 C III 1909	1948 1948					1948phot mag		
0105-357 O	1 5 0.2 -35 44 41	1 7 20.34 -35 28 40.2	19.5			2.22	H I 1216 Si II 1307 C IV 1549	1289 1289							
0105-426 O	MD6:157 1 5 1.60 -42 38 50.7	1 7 17.93 -42 22 49.9	19.9			2.94	H I 1216	1948 1948					1948phot mag		
0105-005 O	1 5 3.4 -0 35 13	1 7 37.02 -0 19 12.6	18.1			0.737		2216 2216 2274 2274							
0105-406 O	MD6:158 1 5 11.40 -40 37 48.2	1 7 28.88 -40 21 47.6	18.6			1.18	C III 1909	1948 1948					1948phot mag		
0105-354 O	MD4:34 1 5 14.42 -35 24 55.2	1 7 34.68 -35 8 54.7	19.1			2.12	H I 1216 Si II 1307 Si IV 1397 O IV 1402 C IV 1549	1289 1289 1948 1948							
0105-334 O	MD4:35 1 5 14.46 -33 28 35.2	1 7 35.67 -33 12 34.7	19.5			2.41	H I 1216 C IV 1549	1948 1948					1948phot mag		
0105-338 O	MD4:36 1 5 15.01 -33 49 14.7	1 7 36.05 -33 33 14.2	18.2			1.898	H I 1216 Si II 1307 Si IV 1397 O IV 1402 C IV 1549	1289 1489 1948 1289 1948					1489fc 210arcsec from QSO 0105-3350, 1489		
0105-268 O	1 5 17.8 -26 49 30	1 7 41.96 -26 33 29.7	17.7			2.463		2274 2274							
0105-391 O	MD6:159 1 5 18.86 -39 9 25.4	1 7 37.14 -38 53 25.0	18.3			2.33	H I 1216 N V 1240 C IV 1549	478 1431 1431 478 1948 1948					846rnd		
0105-374 O	MD6:160 1 5 19.86 -37 29 54.7	1 7 39.03 -37 13 54.3	19.5			1.31	C IV 1549 C III 1909	1948 1948					1948phot mag		
0105-278 C	S49 1 5 20.81 -27 48 59.5	1 7 44.54 -27 32 59.2	18.54			(2.70)	H I 1216 N V 1240 C IV 1549	2187 2187					2187m(or)		
0105-284 C	S55 1 5 23.87 -28 25 16.8	1 7 47.34 -28 9 16.6	19.25			2.88	H I 1216 N V 1240 C IV 1549	2187 2187					2187m(or)		
0105-389 O	MD6:161 1 5 27.04 -38 54 54.1	1 7 45.43 -38 38 53.8	19.1			1.29	C IV 1549 C III 1909	1948 1948					1948phot mag		
0105-423 O	MD6:162 1 5 30.15 -42 18 7.0	1 7 46.57 -42 2 6.8	19.8			1.67	C IV 1549 C III 1909	1948 1948					1948phot mag		
0105-338 O	1 5 31.0 -33 50 21	1 7 51.98 -33 34 20.9	19.3			2.437	C IV 1549 C III 1909	1489 1489					210arcsec from QSO 0105-3349, 1489		
0105-344 O	MD4:37 1 5 35.34 -34 27 14.7	1 7 56.01 -34 11 14.7	20.6			2.31	H I 1216 C IV 1549	1289 1289 1948 1948							
0105-301 O	MD1:189 1 5 37.40 -30 6 10.6	1 8 0.09 -29 50 10.6	17.4			1.08	C III 1909	1948 1948 2187 2187					1948phot mag		
0105-399 O	MD6:163 1 5 40.63 -39 54 5.1	1 7 58.41 -39 38 5.1	20.0			2.90	H I 1216	1948 1948					1948phot mag		
0105+061 O	UM 86 PB 6277 1 5 46.2 6 7 30	1 8 22.08 6 23 29.4	17.2			1.96 *	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909	1.9360 444 480					1901 853rnd,901pol, 2020 2020sp 2263		

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
0105-265 O	1 5 48.19 -26 34 20.2	1 8 12.38 -26 18 20.5	17.3				3.50	* O VI 1034 H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909		1784 1622 1784				1622BAL range z(abs)= 3.396-3.196, 1784	
0105-343 O	MD4:38 1 5 49.78 -34 22 53.7	1 8 10.44 -34 6 54.0	18.5				1.61	C IV 1549 C III 1909		1289 1289 1948 1948					
0105-400 O	MD6:164 1 5 50.81 -40 5 2.3	1 8 8.45 -39 49 2.5	20.1				2.41	H I 1216		1948 1948				1948phot mag	
0105-409 O	MD6:165 1 5 51.26 -40 55 15.3	1 8 8.42 -40 39 15.5	19.9				2.21	H I 1216 N V 1240 C IV 1549		478 478 1948 1948				846rnd	
0105-403 O	MD6:166 1 5 52.19 -40 20 49.0	1 8 9.67 -40 4 49.2	20.6				2.48	H I 1216		1948 1948				1948phot mag	
0105-008 R UM 305 PB 6279	PKS 1 5 53.36 -0 53 22.6	1 8 26.87 -0 37 23.2	17.5				0.316	Mg II 2798 Mg V 2931 Ne V 2974 Ne V 3345 Ne V 3426 O II 3727		045 044 436		789 866 1527		1320rpol, 465fc, 1630imag	
0106-025 O	1 6 3.2 -2 30 32	1 8 36.16 -2 14 32.8	18.5				2.279			2216 2216 2274 2274					
0106+013 R X OC 012 GC PB 6280	PKS 1 6 4.48 1 19 1.4	1 8 38.74 1 35 0.5	18.39	.15	-.70	2.107	H I 1216 N V 1240 O IV 1402 C IV 1549 He II 1640 C III 1909			047 046 436		128 789 803 955 1266 1557 1807 1877 1930 2162		047ubv,1028, 1201,1988, 2062,2089, 2103pol,831, 1181sp,865pos, 873,955,1980x, 936,1595rvar, 1028,1789mm, 1526vlbi, 050fc, 2161rpol close to gal, 047; 3.2arcmin from ZWG,2118, superluminal source,2089	
0106-004 O	1 6 7.8 -0 26 3	1 8 41.46 -0 10 4.0	18.5				1.243			2216 2216 2274 2274					
0106-378 O	1 6 13.8 -37 52 4	1 8 32.58 -37 36 4.7	20.0				1.66	H I 1216 C IV 1549 C III 1909		1289 1289					
0106-349 O	MD4:39 1 6 18.96 -34 54 37.1	1 8 39.26 -34 38 38.0	18.8				2.11	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1289 1289 1948 1948					
0106-012 O	1 6 21.6 -1 13 47	1 8 54.99 -0 57 48.2	18.1				1.669			2216 2216 2274 2274					
0106-340 O	1 6 26.6 -34 3 12	1 8 47.30 -33 47 13.0	19.4				2.30	H I 1216 C IV 1549		1289 1289					
0106-347 O	1 6 27.4 -34 45 42	1 8 47.75 -34 29 43.0	20.1				0.35	Mg II 2798 O II 3727		1289 1289					
0106-331 O	1 6 30.9 -33 8 32	1 8 52.03 -32 52 33.1	19.2				2.23	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1289 1289					
0106-338 O	1 6 36.4 -33 50 47	1 8 57.17 -33 34 48.2	20.3				2.14	H I 1216 Si IV 1397 O IV 1402 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)				NOTES
		DEC	(1950)	DEC	(2000)						ID	Z	VAR	R		ABS
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 1948					
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	-2 35 0	-2 19 2.9												
0107-025	NGC 450	1 7 40	1 10 12.92				0.73			1410 1410					
	C	-2 35 0	-2 19 2.9												
0107-025	NGC 450	1 7 40	1 10 12.92				1.24			1410 1410					
	C	-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	-2 35 50.0	-2 19 52.9					Mg II 2798 Ne V 3426 O II 3727		2182 2182					
	PB 8553														

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		
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	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	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	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	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	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 H α 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 E X	1 8 27 38 58 32	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 NAB PB 8570	1 8 36.9 -14 26 49	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 MD4:48	1 8 46.99 -32 49 59.1	1 11 7.87 -32 34 3.2	18.4				1.970			1289 1400 1948 1948						
0108-358 O MD4:49	1 8 48.78 -35 51 12.9	1 11 8.11 -35 35 17.0	19.0				2.36	H I 1216 C IV 1549		1289 1289 1948 1948						
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 MD4:50	1 8 53.32 -37 53 21.9	1 11 11.52 -37 37 26.1	19.1				1.54	C IV 1549		1948 1948						1948phot mag
0108-371 O MD4:51	1 8 56.41 -37 6 22.4	1 11 15.03 -36 50 26.6	19.9				2.63	LYB 1026 H I 1216		1948 1948						1948phot mag
0108-349 O MD4:52	1 8 58.25 -34 59 10.5	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 MD4:53	1 9 8.19 -33 39 19.2	1 11 28.59 -33 23 23.7	19.9				2.05	H I 1216 C IV 1549		1289 1289 1948 1948						
0109+176 R 4C 17.09 OC 115.2 PKS VR17.01.02	1 9 9.62 17 37 56.1	1 11 49.87 17 53 51.0	18				2.155*	H I 1216 2.1567 C IV 1549 1.9173 He II 1640 1.8199 C III 1909 0.8392	048 009 2049	1170 009 1804 2049 1818 2263 1891					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 MD4:54	1 9 13.69 -34 40 53.8	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	1 12 5.79 22 44 39.1	16.41*	.34	-.63					667	666 955 875 1086 970 1367 1068 1441 1895 1807 1902 1932 2054 2271				703,1541,1988, 2062,2167pol, 856,1389phot, 955,2107, 2112x,781, 856ir,667sp 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
0109+027 O	1 9 24.2 2 42 52	1 11 58.97 2 58 46.8	18.4			0.262			2274 2274					
0109-353 O	MD4:55 -35 19 0	1 11 44.49 -35 3 4.9	17.4			2.406	H I 1216 N V 1240 C IV 1549		1247 1247 1948					z in 1948 differs (1.16)
0109+200 R	UT 1 9 28.9 20 4 24	1 12 10.14 20 20 18.5	17			0.746*	Mg II 2798	0.5346	1437 836 1437					836 7 arcsec from 2228 anon gal, 0.534 2263 zgal, 2118, 2140 2262
0109-353 O	MD4:56 -35 23 48.9	1 11 49.46 -35 7 53.9	20.0			2.28	H I 1216 C IV 1549		1948 1948					1948phot mag
0109+022 O	UM 87 1 9 42.9 2 14 0	1 12 17.51 2 29 54.4	17.8			2.35	H I 1216 C IV 1549		444 480					853rnd, 1967phot
0109-346 O	MD4:57 -34 37 24.4	1 12 8.87 -34 21 29.8	19.3			2.16	H I 1216 C IV 1549		1289 1289 1948 1948					
0109-362 O	MD4:58 -36 16 56.4	1 12 10.00 -36 1 1.8	19.9			1.43	C IV 1549 C III 1909		1948 1948					1948phot mag
0109-349 O	1 9 51.7 -34 55 31	1 12 11.31 -34 39 36.5	19.8			0.34	Mg II 2798 O II 3727		1289 1289					
0109-014 O	1 9 54.41 -1 28 15.9	1 12 27.70 -1 12 21.8	18.3			1.758	O IV 1402 C IV 1549 C III 1909		2182 2182 2216 LBQS 2216					2182BAL
0109-327 O	1 9 59.0 -32 46 27	1 12 19.69 -32 30 32.7	20.6			2.22	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1289 1289					
0110+318 R	NRAO 62 4C 31.03 OC 317	1 10 3.78 31 51 23.2	1 12 50.34 32 7 16.8	18		0.603	Mg II 2798 O II 3727		009 009		1111			831sp, 1526vlbi, 426fc 9.63 arcmin from NGC 420, 2118
0110-357 O	MD4:59 -35 47 7.8	1 12 25.02 -35 31 13.6	19.8			2.17	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1289 1289 1948 1948					
0110-346 O	1 10 6.8 -34 37 50	1 12 26.52 -34 21 55.8	19.3			1.71	N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1289 1289					
0110-011 O	1 10 6.96 -1 7 57.5	1 12 40.37 -0 52 3.6	18.6			1.885	H I 1216 SiIVb 1400 C IV 1549 C III 1909		2182 2182 2210 2210 2216 2216					
0110-019 O	1 10 8.14 -1 57 47.8	1 12 41.25 -1 41 54.0	17.3			1.098	C III 1909 Mg II 2798		2182 2182 2216 LBQS 2216					
0110-337 O	1 10 17.6 -33 45 26	1 12 37.74 -33 29 32.1	19.8			1.64	H I 1216 C IV 1549 C III 1909		1289 1289					
0110-356 O	MD4:60 -35 40 1.8	1 12 41.02 -35 24 7.9	19.6			2.14	H I 1216		1948 1948					1948phot mag
0110+004 O	1 10 21.95 0 28 15.4	1 12 55.93 0 44 8.9				0.909			2182 2182					
0110-001 O	1 10 28.1 -0 9 21	1 13 1.86 0 6 32.4	17.8			1.686			2274 2274					
0110-002 O	1 10 28.18 -0 15 58.0	1 13 1.90 -0 0 4.6	18.4			0.967	C III 1909 Mg II 2798		2182 2182 2216 LBQS 2216					

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

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
0111-341 O	1 11 44.0 -34 7 45	1 14 3.68 -33 51 53.0	18.6			2.14	H I 1216 C IV 1549	1289 1289							
0111-373 O	MD4:65 1 11 51.72 -37 23 4.9	1 14 9.57 -37 7 13.0	19.0			1.76	H I 1216 C IV 1549	1289 1289 1948 1948							
0111-348 O	1 11 56.5 -34 49 42	1 14 15.76 -34 33 50.3	20.1			2.25	H I 1216 C IV 1549	1289 1289							
0111-005 O	1 11 57.13 -0 31 42.5	1 14 30.75 -0 15 51.1				1.906	H I 1216 O IV 1402 C IV 1549 C III 1909	2182 2182							
0111-328 O	1 11 59.1 -32 50 25	1 14 19.40 -32 34 33.4	18.2			1.63	C IV 1549 C III 1909	1289 1289							
0112+030 O	1 12 0 3 0 0	1 14 34.91 3 15 51.3				2.810*	H I 1216 Si IV 1397 O IV 1402 C IV 1549	2.4234 2.4224 1.2458 1.0205	1872 1874 2228 2263				1872 1874 2228 2263	prob damped Ly alpha, z=2.4234 1874; damped Ly alpha, 2243	
0112-325 O	1 12 5.1 -32 33 32	1 14 25.53 -32 17 40.5	19.5			0.38	Mg II 2798 O II 3727	1289 1289							
0112-014 O	1 12 6.6 -1 26 45	1 14 39.88 -1 10 53.9	20.3			2.20	H I 1216 C IV 1549	1439 1439						9.82 arcmin from NGC 442, 2118	
0112-367 O	1 12 9.5 -36 42 21	1 14 27.68 -36 26 29.6	19.6			1.87	H I 1216 Si II 1307 C IV 1549	1289 1289							
0112-335 O	1 12 15.0 -33 31 17	1 14 34.90 -33 15 25.7	18.6			0.38	Mg II 2798 O II 3727	1289 1289							
0112-350 O	1 12 23.9 -35 1 37	1 14 42.97 -34 45 45.9	18.5			2.38	H I 1216 Si II 1307 Si IV 1397 O IV 1402 C IV 1549	1289 1289							
0112-358 O	1 12 26.3 -35 52 36	1 14 44.89 -35 36 45.0	20.1			0.33	Mg II 2798 O II 3727	1289 1289							
0112-360 O	1 12 26.4 -36 0 23	1 14 44.92 -35 44 32.0	19.3			0.39	Mg II 2798 O II 3727	1289 1289							
0112-329 O	MD4:66 1 12 33.90 -32 54 13.9	1 14 54.07 -32 38 23.1	17.5			1.588		1289 1400 1948						z in 1948 differs (1.25)	
0112-333 O	1 12 35.4 -33 23 46	1 14 55.30 -33 7 55.2	20.3			0.74	C III 1909 Mg II 2798	1289 1289							
0112-369 O	MD4:67 1 12 35.61 -36 59 28.3	1 14 53.54 -36 43 37.5	20.1			2.55	H I 1216 O IV 1402	1948 1948						1948phot mag	
0112-326 O	1 12 43.8 -32 41 26	1 15 4.05 -32 25 35.4	19.8			2.30	H I 1216 C IV 1549	1289 1289							
0112-017 R UM 310 X PB 6342	1 12 43.91 -1 42 54.8	1 15 17.09 -1 27 4.5	17.41			1.365	C IV 1549 C III 1909	026 436 2182 480 748 2182	789 803 866 1266 1976				912,1980x, 1032,1181sp, 1526vlbi, 465fc,1789mm 10.6 arcmin from NGC 448; 35.3 arcmin from NGC 450; 1650,2118		
0112-349 O	MD4:68 1 12 49.45 -34 56 31.7	1 15 8.48 -34 40 41.2	19.4			2.55	H I 1216 O IV 1402	1948 1948						1948phot mag	
0112-331 O	1 12 50.4 -33 11 32	1 15 10.37 -32 55 41.5	19.6			2.11	H I 1216 C IV 1549	1289 1289							
0112-381 O	1 12 51.2 -38 6 56	1 15 8.41 -37 51 5.5	19.0			2.28	H I 1216 Si II 1307 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		
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 7.78 arcmin from NGC 447, 9.03 arcmin from NGC 449, 2118	
	X	32 56 48	33 12 37.6														
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, 1966rnd	
	R	-20 7 22.2	-19 51 32.2							C III 1909 Mg II 2798 Ar IV 2854							
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 differs (1.93)	
	O	-32 44 32.0	-32 28 42.2							O II 3727	1948						
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 from QSO 011319.37 -324432.0, 1948	
	O	-32 46 21.7	-32 30 32.2							C IV 1549	1948 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					761sp,1305ir, 1526vlbi, 2103pol	
	R	-11 52 6	-11 36 17.0								1266 1966						
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 O	MD4:74 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 O	MD4:75 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 1948	1489 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 R	PKS 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		050 304	049 294	128 1111 1775 1888 2012				1526vlbi,378, 2012fc ~30arcsec from 18m gal,1775, 2118
0114-089 O	UM 670	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 1874 1874 2281					1872 1874 2039 2228 2263
0114-331 O	MD4:76	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 1948	1489 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 O	MD4:77	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 1948	1289 1948					
0115-371 O	MD4:78	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 1948	1289 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 O	MD4:79	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 1948	1289 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		
0115-325		1 15 17.6	1 17 37.47	19.3			1.68	Si II 1307	1289 1289								
O		-32 33 39	-32 17 52.0					Si IV 1397 O IV 1402 C IV 1549 C III 1909									
0115-333		1 15 18.3	1 17 37.74	20.1			2.21	H I 1216	1289 1289								
O		-33 20 33	-33 4 46.0					C IV 1549									
0115-350	MD4:80	1 15 21.53	1 17 40.03	19.5			1.93	H I 1216	1289 1289								
O		-35 1 16.4	-34 45 29.5					C IV 1549	1948 1948								
0115-342	PKS	1 15 25.59	1 17 44.53	19.0			1.78	C II 1335	767 767					384			
R		-34 12 52.8	-33 57 6.0					C IV 1549						767		1966	
0115-357		1 15 27.5	1 17 45.58	18.9			1.71	Si II 1307	1289 1289								
O		-35 42 59	-35 27 12.2					Si IV 1397 O IV 1402 C IV 1549 C III 1909									
0115-344	MD4:81	1 15 32.48	1 17 51.28	19.3			2.40	H I 1216	1948 1948							1948phot mag	
O		-34 25 11.6	-34 9 24.9					O IV 1402									
0115+027	4C 02.04	1 15 43.64	1 18 18.50	17.5 *			0.672	C III 1909	052 051 759 128							749pos,	
R	PKS	2 42 19.8	2 58 5.8					Mg II 2798	436 1967 775					1803		1526vlbi	
	3C 37																
	OC 026																
	OA 57																
	NRAO 65																
	PB 6367																
0115-011	UM 314	1 15 54.67	1 18 28.05	18.3			2.173	H I 1216	465 1025								
O	PB 6370	-1 8 25.6	-0 52 39.8					N V 1240 C IV 1549 C III 1909 > 14001401	465 2182								
0116-341		1 16 2.2	1 18 21.08	20.6			0.31	Mg II 2798	1289 1289								
O		-34 7 14	-33 51 28.0					O II 3727									
0116-021	UM 315	1 16 5.60	1 18 38.58	18.6			2.05	H I 1216	465 1025								
O		-2 10 7.7	-1 54 22.2					N V 1240 C IV 1549	2182 465								
0116-337		1 16 14.0	1 18 33.06	20.0			0.36	Mg II 2798	1289 1289								
O		-33 43 41	-33 27 55.3					O II 3727									
0116-351		1 16 15.4	1 18 33.67	19.1			1.63	C IV 1549	1289 1289								
O		-35 7 44	-34 51 58.4					C III 1909									
0116-356	MD4:82	1 16 20.73	1 18 38.68	20.1			1.81	H I 1216	1948 1948							1948phot mag	
O		-35 38 42.6	-35 22 57.1														
0116-288		1 16 26.03	1 18 47.63	20	.10		0.798	Mg II 2798	1411 1411								
		-28 51 32.9	-28 35 47.6														
0116-344	MD4:83	1 16 28.08	1 18 46.70	19.6			0.84	C III 1909	1289 1289								
O		-34 25 46.4	-34 10 1.1					Mg II 2798	1948							z in 1948 differs (1.88)	
0116-363		1 16 31.8	1 18 49.31	19.8			1.71	N V 1240	1289 1289								
O		-36 19 59	-36 4 13.7					Si II 1307 Si IV 1397 O IV 1402 C IV 1549 C III 1909									
0116-374	MD4:84	1 16 32.37	1 18 49.17	19.9			1.95	H I 1216	1948 1948							1948phot mag	
O		-37 29 53.6	-37 14 8.3					O IV 1402									
0116-219	PKS	1 16 32.4	1 18 57.26	19			1.161	C IV 1549	296 1304							761sp,	
R		-21 57 14	-21 41 28.9					C III 1909 Mg II 2798	1305							1352spvar	
0116-332		1 16 41.6	1 19 0.85	19.9			1.87	H I 1216	1289 1289								
O		-33 14 10	-32 58 25.0					Si IV 1397 O IV 1402 C IV 1549									

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)					NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS			
0116-330		1 16 43.9	1 19 3.26	19.0			0.84	C III 1909	1289 1289							
O		-33 2 6	-32 46 21.1					Mg II 2798								
0116-010		1 16 49.50	1 19 22.93				1.051	Al III 1857	2182 2182							
O		-1 0 3.8	-0 44 19.3					C III 1909								
								Mg II 2798								
0116-351	MD4:85	1 16 52.33	1 19 10.49	17.5			1.69	C IV 1549	1948 1948					1948phot mag		
O		-35 6 49.6	-34 51 4.8					C III 1909								
0116-327		1 16 59.8	1 19 19.29	20.4			0.76	C III 1909	1289 1289							
O		-32 42 18	-32 26 33.5					Mg II 2798								
0117-373	MD4:86	1 17 7.02	1 19 23.81	19.9			2.30	H I 1216	1948 1948					1948phot mag		
O		-37 18 59.3	-37 3 14.9					C IV 1549								
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	1299 1299					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					C III 1909	1484 1484							
								Mg II 2798								
0117-340		1 17 13.8	1 19 32.47	19.9			1.87	N V 1240	1289 1289					4.4arcmin from NGC 491A,2118		
O		-34 5 57	-33 50 12.8					Si IV 1397								
								O IV 1402								
								C IV 1549								
0117+031	NGC 470	1 17 14.0	1 19 49.04	19.9			1.875	C IV 1549	1299 1299					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					C III 1909	1484 1484							
0117-023		1 17 18.81	1 19 51.72				2.017	H I 1216	2182 2182							
O		-2 19 3.6	-2 3 19.8					N V 1240								
								O IV 1402								
								C IV 1549								
								C III 1909								
0117-180	UM 671	1 17 20.5	1 19 47.00	17.3			1.79 +	H I 1216	1025 1025					1025,1208BAL		
O		-18 3 5	-17 47 21.1					N V 1240								
								C IV 1549								
0117-354	MD4:87	1 17 28.87	1 19 46.72	18.7			0.37	Mg II 2798	1289 1289					z in 1948 differs (2.11)		
O		-35 25 43.3	-35 9 59.4					O II 3727	1948							
0117-380		1 17 29.4	1 19 45.65	18.9			2.02	H I 1216	478 478					846rnd		
O		-38 4 11	-37 48 27.1					N V 1240	1289 1289							
								C IV 1549								
0117-370		1 17 34.3	1 19 51.14	19.3			2.26	H I 1216	1289 1289							
O		-37 5 27	-36 49 43.2					N V 1240								
								Si II 1307								
								Si IV 1397								
								O IV 1402								
								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)	DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS				
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 1484 436 1484	759 775 789 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 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 C	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	055 571 1485 128 054	571 1485subv,705, 1202pol, 749pos,1005x, 077fc,1513elp, 1526vlbi, 2095imag, 2251sp 2263 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 1289 1948 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 1289 1948 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 1289 1948 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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)				REFERENCES				NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS	ID	Z	VAR		R	ABS
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	1948	1489							
								C III 1909		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	ABS	
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	-0.20			0.336	H I 4861			1314	1314				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)		RA (2000)		V	(B-V) (U-B)		Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)				ID	Z			VAR	R	ABS				
0122-346	MD4:106	1 22 0.65	1 24 18.12	18.0			2.81	H I	1216	1948	1948					1948phot mag	
	O	-34 37 36.6	-34 21 59.6														
0122-380		1 22 2.2	1 24 17.52	16.5			2.181*	H I	1216 1.9790	431	710					710 780,886,	
	O	-38 0 4	-37 44 27.0					N V	1240 1.9734		431					1394 1983ir,846rnd,	
								O I	1304 1.9699		478					2228 912xnd	
								C II	1335 1.9638		1400					2263 382 arcmin	
								Si IV	1397 1.9101							from NGC 300,	
								O IV	1402 1.8143							1650;Ly alpha	
								C IV	1549							abs,710	
0122-353		1 22 2.7	1 24 19.70	20.6			1.67	Si II	1307	1289	1289					6.05 arcmin	
	O	-35 22 35	-35 6 58.0					C IV	1549							from NGC 526,	
								C III	1909							3.6arcmin from	
																NGC 527,2118	
0122-042	PKS R PB 8800	1 22 3.4	1 24 35.44	17.03	0.00	-0.69	0.561	Mg II	2798	296	1304					761sp,1485ubv	
		-4 16 43	-4 1 6.4					Ne V	3426								
0122-328		1 22 6.7	1 24 25.21	19.7			2.22	H I	1216	1289	1289						
	O	-32 51 9	-32 35 32.2					C IV	1549								
0122-356		1 22 18.9	1 24 35.71	19.7			2.05	H I	1216	1289	1289						
	O	-35 36 42	-35 21 5.4					Si II	1307								
								C IV	1549								
0122-345		1 22 25.7	1 24 43.14	20.5			2.28	H I	1216	1289	1289						
	O	-34 33 13	-34 17 36.6					Si II	1307								
								Si IV	1397								
								O IV	1402								
								C IV	1549								
0122-028		1 22 27.18	1 24 59.82				2.020	H I	1216	2182	2182						
	O	-2 49 18.4	-2 33 42.4					N V	1240								
								Si IVb	1400								
								C IV	1549								
								C III	1909								
0122-334		1 22 37.9	1 24 55.98	20.0			2.26	H I	1216	1289	1289						
	O	-33 25 43	-33 10 7.0					C IV	1549								
0122-353		1 22 38.4	1 24 55.30	19.3			0.34	Mg II	2798	1289	1289						
	O	-35 21 13	-35 5 36.9					O II	3727								
0122-005	UM 320	1 22 43.6	1 25 17.18	18.6			2.28	H I	1216	465	1025					1042pos	
	O	-0 34 4	-0 18 28.5					N V	1240								
								C IV	1549								
0122-325	MD4:107	1 22 45.99	1 25 4.56	19.9			2.45	H I	1216	1948	1948					1948phot mag	
	O	-32 32 49.3	-32 17 13.5														
0122-321		1 22 47.0	1 25 5.79	19.0			2.20	H I	1216	1289	1289						
	O	-32 10 0	-31 54 24.2					C IV	1549								
0122-359	MD4:108	1 22 47.03	1 25 3.56	17.3			1.19	C III	1909	1948	1948					1948phot mag	
	O	-35 54 13.8	-35 38 38.0														
0122-325		1 22 51.6	1 25 10.14	19.6			2.26	H I	1216	1289	1289						
	O	-32 35 15	-32 19 39.3					C IV	1549								
0122-352		1 22 52.7	1 25 9.60	19.9			0.38	Mg II	2798	1289	1289						
	O	-35 16 51	-35 1 15.3					O II	3727								
0122-003	PKS R 4C 00.10 OC 038 OA 60.2 UM 321 PB 6429	1 22 55.16	1 25 28.83	16.70*	.28	-.75	1.070	C IV	1549	057	002	492	128			059,1485ubv,	
		-0 21 31.0	-0 5 55.8					C III	1909		058		789			004,1202pol,	
								Mg II	2798		480		803			749pos,	
													866			1526vlbi,079,	
													1976			465fc	
																faint gals	
																nearby,2118	
0122-328		1 22 56.4	1 25 14.78	19.9			2.07	H I	1216	1289	1289						
	O	-32 49 22	-32 33 46.4					C IV	1549								
0123-359		1 23 0.2	1 25 16.64	20.1			2.26	H I	1216	1289	1289						
	O	-35 58 50	-35 43 14.5					C IV	1549								
0123-348		1 23 1.2	1 25 18.37	20.1			0.22	Mg II	2798	1289	1289						
	O	-34 48 33	-34 32 57.6					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	ABS		
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 1216 N V 1240 C IV 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 1216 He II 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 2798 O II 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 1216 N V 1240 C IV 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 1216 C IV 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 1216 C IV 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 1549 C III 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 1216 C IV 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 2798 O II 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 1216 C IV 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 1549 C III 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 1216 C IV 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 1216 N V 1240 C IV 1549 C III 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 1216 Si IV 1397 O IV 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 1549 C III 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 2798 O II 3727	1289 1289						
0123-226 R	PKS OC 240 MC 1 23 51.24 -22 38 7.4	1 26 14.97 -22 22 33.4	18.5				0.720	Mg II 2798 Ar IV 2854 H I 4340 O III 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 1909 Mg II 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	4C 25.05 PKS OC 240 1 23 57.27 25 43 28.2	1 26 42.81 25 59 1.5	17.5				2.358*	O VI 1034 H I 1216 N V 1240 Si IV 1397 C IV 1549 He II 1640 O III 1663 C III 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	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS		
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	ABS		
0126+030	UM 104	1 26	8.5	1 28	43.63	17.8	*		1.62	H I 1216	445	480	1427			853rnd,901pol	
	O PB 6465	3 1	19	3 16	49.0					C IV 1549			1967				
0126-335		1 26	17.1	1 28	34.44	18.0			1.50	C IV 1549	1289	1289					
	O	-33	33 55	-33	18 24.8					C III 1909							
0126-015	UM 328	1 26	24.1	1 28	57.23	16.6			0.83	C III 1909	465	1025				1042pos	
	O PB 6468	-1	35 18	-1	19 48.4					Mg II 2798							
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	1289	1289					
	O	-34	54 41	-34	39 11.5					C IV 1549							
0126-330		1 26	57.9	1 29	15.45	18.0			1.95	H I 1216	1289	1289					
	O	-33	1 54	-32	46 24.9					C IV 1549							
0127+233	3CR 43	1 27	15.04	1 29	59.76	20	*		1.459	Ne IV 2439	008	462	066	462		1320rpol,	
	R	23	22 51.5	23	38 19.4					Mg II 2798		1408				1526vlbi,066, 463fc	
																801 882 916 1393 1585 1804 1891 1976 2000 2013	
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	445	445				853rnd	
	O	5	54 54	6	10 21.2					C IV 1549						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	1948	1948				1948phot mag	
	O	-41	41 59.4	-41	26 31.7					Si IV 1397 O IV 1402							
0128-411	MD2:2	1 28	6.92	1 30	18.63	18.7			2.38	H I 1216	478	478					
	O	-41	8 44.0	-40	53 16.7					N V 1240 C IV 1549 He II 1640	1948	1948					
0128-424	MD2:3	1 28	20.34	1 30	30.99	20.2			2.30	H I 1216	1948	1948				1948phot mag	
	O	-42	25 17.8	-42	9 50.8					C IV 1549							
0128+074	PHL 3375	1 28	25.21	1 31	2.38	18.00*	.29	-.51	0.390	Mg II 2798	018	018	1068			029,062ubv,	
	C PB 6482	7	28 14.5	7	43 40.7					H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007			030	1902		853rnd, 1420FeIIem (18.00)avg Bmag,1902	
0128-367		1 28	27	1 30	41.83	18.3			2.164*	C III 1909	2.125	1247	1247		1247	1247BAL	
	O	-36	47 0	-36	31 33.3									2228			
0128-392	MD2:4	1 28	36.70	1 30	49.72	18.7			1.44	C IV 1549	1948	1948				1948phot mag	
	O	-39	16 20.2	-39	0 53.7					He II 1640 C III 1909							
0128-436	C20.06	1 28	40.1	1 30	49.68	18.7			2.50		2277	2277					
	O	-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	MD2:5 O	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	MD2:6 O	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	MD2:7 O	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	MD2:8 O	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	MD2:9 O	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	UM 331 O 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	MD2:10 O	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	MD2:11 O	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	MD2:12 O	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	MD2:13 O	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	PKS R	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	MD2:14 O	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	PHL 1027 C UM 114 X	1 30 31.63 3 23 41.3	1 33 7.00 3 39 4.0	16.91*	-0.03	-0.77	0.363		Ne V Ne III 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	4C 24.02 R 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	MD2:15 O X	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 1948	442 430 479 1022 1948			1430x	

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	ABS		
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	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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							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		430 442 1948 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 1.3781 Si IV 1397 O IV 1402 C IV 1549		1025 1025 1874			1874 Ly limit abs, 2228 z=2.484,1874 2263	

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				
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,	
																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		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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
	DEC (1950)	DEC (2000)	DEC (1950)	DEC (2000)						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	MD2:55 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	1E 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	UM 121 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	MD2:56 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	MD2:57 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	PKS 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	MD2:58 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	UT 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	MD2:59 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	PHL 1092 1 37 19.02 6 4 10.5	1 39 55.81 6 19 21.2	17				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	PHL 1093 1 37 22.78 4C 01.04 1 16 35.2 OC 062 PKS UM 355	1 39 57.23 1 31 45.8	17.07*				0.258	Mg II 2798 Ne V 3426 NeIII 3869 O III 4959 O III 5007		001	002 005 054 334	006 752 775 789 803 866 1111 1171 1174 1877 1891			001,003, 029ubv,004, 1201pol,1259, 1630,1911mag, 940ext, 1526vlbi,334, 1922sp,026, 465fc faint gals nearby,2118	
0137-419 O	MD2:60 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	NAB UM 357 PHL 1096 1 37 43.75 -1 5 12.9	1 40 17.04 -0 50 2.9	16.49*				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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)				NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R		ABS
0137-018	UM 356	1 37 45.3	1 40 18.20	18.5 *			2.24 +	H I 1216	465	1025	752		1042pos,1025,1208BAL
	O PHL 3582	-1 53 14	-1 38 4.0					N V 1240 Si IV 1397 C IV 1549 C III 1909		465			
0138+030	UM 125	1 38 7.1	1 40 42.41	18.9			(1.26)	C IV 1549	445	445			853rnd
	O	3 1 9	3 16 18.3					He II 1640 C III 1909					
0138-129	UT	1 38 10.1	1 40 37.47	18.0			1.18	C IV 1549	1437	1437			
	R	-12 57 8	-12 41 58.6					C III 1909 Mg II 2798					
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	2.6523	330	331	535	846rnd,911sp
	O	-38 8 11.7	-37 53 2.1					H I 1216 N V 1240 O I 1304 Si IV 1397 C IV 1549	1948	478		1208 2228 2263	
0138-408	MD2:63	1 38 15.35	1 40 24.92	19.2			1.57	C IV 1549	1948	1948			1948phot mag
	O	-40 53 49.2	-40 38 39.6					C III 1909					
0138-339		1 38 16	1 40 30.97	18.5			2.356	H I 1216	1247	1247			
	O	-33 56 0	-33 40 50.5					N V 1240 C IV 1549					
0138+007	UM 359	1 38 20.3	1 40 54.50	18.7			1.65	C IV 1549	465	1025			1042pos
	O	0 45 52	1 1 0.9					C III 1909					
0138-342		1 38 34	1 40 48.71	18.3			2.08	H I 1216	1247	1247			
	O	-34 13 0	-33 57 51.1					N V 1240 C IV 1549 C III 1909					
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	1948	1948			1948phot mag
	O	-42 10 54.0	-41 55 45.5					C IV 1549					
0138-097	PKS	1 38 56.87	1 41 25.85	17.5 *					1418	1800			087fc,781ir,
	BL Lac R	-9 43 52.2	-9 28 44.3							2054			761sp,1789mm, 1800,1988, 2046,2062, 2103pol, 1810pos,2112x
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	1948	1948			1948phot mag
	O	-42 18 26.2	-42 3 17.9					C IV 1549					
0139-552		1 39 3.6	1 40 56.86	19.5			2.35	H I 1216	1294	1294			
	O	-55 14 53	-54 59 44.6					C IV 1549					
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		030			029ubv,853rnd
	C	5 56 56.7	6 12 3.6					Ne V 3426 O II 3727 Ne III 3869					
0139-407	MD2:70	1 39 24.02	1 41 33.43	18.3			1.53	Si IV 1397	1948	1948			1948phot mag
	O	-40 46 38.2	-40 31 30.7					O IV 1402 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
0139-525 O	1 39 35.0 -52 34 35	1 41 31.84 -52 19 27.6	20.5				2.32	H I C IV	1216 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 C IV	1216 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 C III	1549 1909	018 018 1068 1902	875			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 H I O III O III	4340 4861 4959 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 N V C IV C III	1216 1240 1549 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 C III	1640 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 C IV	1216 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 Si IV O IV	1216 1397 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 O IV C IV C III Mg II	1397 1.4722 1402 0.4771 1549 0.3360 1909 2798	073 073 443 1297 2263	775 1749			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 C IV	1216 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 Si IV C IV	1216 1.95 1397 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 C III	1549 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 C IV	1216 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 N V C IV C III	1216 1240 1549 1909	465 1025 752				1042pos	

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	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	-10 0 13	-9 45 12.4					N II 1085	2.3245		1025			1872	2 images,A&B,	
	R							H I 1216	1.9405		1872			2228	sep by 2.22	
	A							N V 1240					2263	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	1822	grav lens,	
		-10 0 13	-9 45 12.4					N V 1240	2.3564				2263	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	911	912xnd,597,	
	O	-1 35 30	-1 20 30.4					Si IV 1397	1.5794		472		1874	1874	911,986sp,	
								O IV 1402	1.2853		1874		2228	2228	1092ir	
								C IV 1549	1.0383		2281		2263	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	911	912xnd,597,	
	O	-1 1 26	-0 46 27.4					H I 1216			465		2263	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)					NOTES
	DEC (1950)	DEC (2000)							ID	Z	VAR	R	ABS	
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	480	853rnd,1182x, 1201pol,1208, 1512,1514BAL, 1711 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	480 725 1512 1711 1874 2228 2263	901,1202pol, 1208,1512, 1514BAL, 912xnd,853, 1213rnd,986sp, 1092ir 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)				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS		
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 Ne III 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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS				
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			
	O	-9 46 45	-9 31 55.9										2228	2228	2263	from NGC 701, 2118	
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 Ne III 3869 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007	018	018	1068	029,062ubv, 1201pol, 853rnd,334, 551sp,1026ext, 1207,1261imag 1902avg Bmag			
	C	9 2 37	9 17 25.4										030	1902	062		
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					
	O	-47 47 32	-47 32 43.1										1400				
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	846rnd,1488x, 328fc	
	O	-39 42 42.7	-39 27 54.4										1948				
	X																

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				
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				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	PKS R 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	OC 383 R 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	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	-1.10				0.399		1314	1314				22 arcmin from NGC 725,1314, 2118	
0149-409	MD2:123 O	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	UM 675 O	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	1025	1025	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	UM 373 O	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	UM 375 O	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	MD2:124 O	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	MD2:125 O	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	1H X	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	MD2:126 O	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	MD2:127 O	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	E X 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	PKS R	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, 1320rpol, 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)	DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
0151-405	MD2:128	1 51 0.28	1 53 7.33	19.1					2.56	H I 1216 Si IV 1397 O IV 1402	1948	1948				1948phot mag	
O		-40 31 50.7	-40 17 5.8														
0151-410	MD2:129	1 51 3.50	1 53 10.03	19.9					2.17	H I 1216 C IV 1549	1948	1948				1948phot mag	
O		-41 3 38.9	-40 48 54.1														
0151-404	MD2:130	1 51 9.15	1 53 16.23	19.2					2.47	H I 1216 C IV 1549	1948	1948				1948phot mag	
O		-40 27 39.8	-40 12 55.2														
0151+048	PHL 1222	1 51 17.43	1 53 53.91	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	029,062ubv,	
C	UM 144	4 48 15.1	5 2 58.6													030 853rnd,445fc 075 1902avg Bmag 560 1872 2228 2263	
0151-478		1 51 23.5	1 53 22.66	18.5				(0.48)			477	477					
O		-47 50 38	-47 35 53.8														
0151-390	MD2:131	1 51 35.13	1 53 43.41	19.8					2.19	H I 1216	1948	1948				1948phot mag	
O		-39 4 6.3	-38 49 22.7														
0151-483		1 51 36.9	1 53 35.37	18.6				0.493			477	477					
O		-48 21 19	-48 6 35.2									1400					
0151-386	MD2:132	1 51 38.05	1 53 46.73	18.3					1.70	C IV 1549 C III 1909	1948	1948				1948phot mag	
O		-38 36 23.3	-38 21 39.8														
0151+045		1 51 51.65	1 54 28.01	21.5				0.404			2273	2273				this QSO and PHL 1222 are a physical pair 3.3 arcsec apart,2273	
		4 33 37.7	4 48 20.1														
0151+045	PHL 1226	1 51 51.65	1 54 28.01	17.40*	.40	-.72	0.404*			Mg II 2798 0.1602 Ne V 3345 Ne V 3426 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007	018	018	752		1751	029,040ubv,	
C	UM 145	4 33 37.7	4 48 20.1													2128 853rnd,1420sp, 2263 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	MD2:133	1 51 55.24	1 54 1.85	18.1				1.85		H I 1216 Si IV 1397	1948	1948				1948phot mag	
O		-40 46 32.8	-40 31 49.8														
0151-415	MD2:134	1 51 58.11	1 54 3.94	19.3				1.54		C IV 1549 C III 1909	1948	1948				1948phot mag	
O		-41 34 22.2	-41 19 39.3														
0152-409	MD2:135	1 52 13.65	1 54 20.06	19.3				1.65		C IV 1549 C III 1909	1948	1948				1948phot mag	
O		-40 55 12.3	-40 40 30.0														
0152-389	MD2:136	1 52 21.30	1 54 29.48	19.9				2.11		H I 1216	1948	1948				1948phot mag	
O		-38 59 44.1	-38 45 2.1														
0152-377	MD2:137	1 52 22.47	1 54 31.80	18.8				1.93		H I 1216	1948	1948				1948phot mag	
O		-37 42 29.7	-37 27 47.7														
0152-513	PKS	1 52 25.3	1 54 19.54	18.9				0.44			477	477			1519		
R		-51 22 35	-51 7 52.8												1966		
0152-481		1 52 29.3	1 54 27.73	19.3				(2.30)			477	477					
O		-48 11 2	-47 56 20.0														
0152-505		1 52 45.7	1 54 40.91	19.2				2.48			477	477					
O		-50 35 40	-50 20 58.5														

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
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 C IV C III Mg II	1216 1549 1909 2798	1443 1552 1811	1540	1667 1793	1540	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 H I	1026 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 Si IV O IV C IV	1216 1397 1402 1549	2.8337 2.5321 2.4237 2.4074	445 480 2281			986 1874 2039 2228 2263	986sp,1092ir
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 O II NeIII H I O III O III	2798 3727 3869 4861 4959 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 zgal,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 C IV	1216 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 Mg II	1909 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 C III Mg II	1549 1909 2798	432 477 1400	432		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 N V O IV C IV	1216 1240 1402 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 C IV	1216 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	1 57 41.59	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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS				
0157-379	MD2:159 O	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	PKS R	1 57 6 -47 45 36	1 59 3.66 -47 31 3.8	19.5					(1.04)			477	477		1519 1966		
0157-383	MD2:160 O	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	MD2:161 O	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	MKN 1014 C PG X 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	1345subv,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	MD2:162 O	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	4C 01.05 R 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	MD2:163 O	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	MD2:164 O	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	PKS R 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	MD2:165 O	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	MD2:166 O	1 58 4.31 -40 18 10.8	2 0 10.05 -40 3 40.9	19.9					2.24	H I C IV 1549	1216 1549	1948	1948			1948phot mag	
0158+031	PKS R	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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
0158-519	PKS R	1 58 7.2 -51 58 2	1 59 58.75 -51 43 31.9	18.6			2.39				477	477		477	1966rnd	
0158-508	o	1 58 7.9 -50 51 50	2 0 1.07 -50 37 19.9	20			2.09				477	477				
0158-503	o	1 58 13.2 -50 19 57	2 0 7.10 -50 5 27.1	19.55			1.93				477	477				
0158-387	MD2:167 o	1 58 18.67 -38 43 10.5	2 0 25.89 -38 28 41.1	19.6			1.72		H I 1216 C IV 1549		1948	1948			1948phot mag	
0158-472	o	1 58 36.80 -47 17 47.0	2 0 34.63 -47 3 18.1	19.35			(0.490)				477	477				
0158+183	4C 18.07 R PKS	1 58 55.4 18 21 40	2 1 40.35 18 36 7.1	18.22			0.799		C III 1909 C II 2326 Mg II 2798		124	436		789		
0159+036	UM 154 o PB 6589	1 59 23.8 3 36 16	2 1 59.75 3 50 42.3	18.2			2.432		H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		445	1803 480			853rnd,901pol	
0159-117	3C 57 R PKS MSH 01-121 NRAO 88 OC 199	1 59 30.4 -11 47 0	2 1 57.23 -11 32 33.7	16.66*	.10	-.80	0.669		C III 1909 Mg II 2798 O II 3727 H I 4340 H I 4861		079	051 005	006 007	128 1111 1888 1966	003,007, 1485ubv,004, 1202pol,958, 1188,1467, 2229sp,780ir, 1526vlbi, 958FeIIem,057, 295fc 39 arcmin from IC 1767,2118; 1902avg Bmag	
0159-495	o	1 59 39.4 -49 30 43	2 1 34.02 -49 16 16.3	19.6			1.56				477	477				
0159-200	MC R	1 59 52.28 -20 2 44.8	2 2 13.84 -19 48 19.2	18.9			0.493		Mg II 2798 H I 4861 O III 5007		673	673		1966	1704fc	
0200-518	o	2 0 5 -51 50 7	2 1 56.12 -51 35 41.1	19.3			(0.83)				477	477				
0200-089	1E X	2 0 54 -8 58 0	2 3 22.48 -8 43 36.8	16.52			0.77				1696	1696			0.95 arcmin from anon gal, 0.015zgal, 17.4vgal,1696, 2118	
0201-489	o	2 1 5.5 -48 57 53	2 3 0.45 -48 43 29.5	18.7			1.02				477	477				
0201-500	o	2 1 7.1 -50 0 22	2 3 0.59 -49 45 58.5	19.2			1.93				477	477				
0201-029	1H X	2 1 10 -2 58 11	2 3 42.07 -2 43 48.5	16.88	.17	-.71	0.501+				2176	2176			pos from HEAO cat	
0201-504	o	2 1 52.3 -50 26 48	2 3 44.93 -50 12 26.1	18.05			(3.07)				477	477				
0201-474	o	2 1 53.2 -47 25 25	2 3 49.98 -47 11 3.3	19.3			(2.25)				477	477				
0201+365	UT R	2 1 56.2 36 34 58	2 4 55.50 36 49 18.0	17.5			2.912*		H I 1216 Si IV 1397 O IV 1402 C IV 1549	2.8057 2.6909 2.5545 2.4600 2.4241 2.3260 1.3012 1.2956	1437 1874 1437			1874 2228 2263	damped Ly alpha, z=2.46 1874,2243	

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
0202-765	PKS R MSH 01-71	2 2	0.19	2 2	13.08	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	023	333,736ubv, 886ir,761, 1083,1304sp, 1222elp,333fc, 1526vlbi, 1898pos, 2145imag	
0202+319	DW R B2 PKS GC	2 2	9.66	2 5	4.93	18.23			1.466	Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798	081	073		128	1201pol, 750pos,1181sp, 1805mmvar, 1789mm, 1526vlbi, 1617ir	
0202-460	C22.30	2 2	9.9	2 4	8.35	18.3			1.88		2277	2277				
0202-499	O	2 2	23.2	2 4	16.45	20			2.36		477	477				
0202-512	C	2 2	27.3	2 4	18.63	17.95			1.685	C IV 1549 C III 1909	467	467			477fc	
0202-172	PKS R	2 2	34.55	2 4	57.72	16.99			1.74		055	134	253	775	1399,1617ir, 057fc, 1483rvar, 1395 1399 1526vlbi 1902avg ph mag	
0202-462	C22.31	2 2	37.4	2 4	35.50	19.1			3.24		2277	2277				
0202-477	O	2 2	39.4	2 4	35.51	18.5			2.19		477	477				
0203-498	O	2 3	0.5	2 4	53.69	17.95			2.54		477	477				
0203-520	PKS R	2 3	0.9	2 4	50.80	17.55			1.42		477	477	477		1966rnd	
0203+151	O	2 3	7.3	2 5	50.49	20.3			2.00	H I 1216 C IV 1549	1439	1439				
0203+152	O	2 3	8.4	2 5	51.67	19.7			2.38	H I 1216 C IV 1549	1439	1439				
0203-497	O	2 3	12.1	2 5	5.36	17.7			1.42		477	477			761sp	
0203-396	B19.14	2 3	35.6	2 5	40.79	18.0			2.60		2277	2277				
0203+150	O	2 3	38.4	2 6	21.54	19.9			2.10	H I 1216 C IV 1549	1439	1439				
0204-504	O	2 4	20.8	2 6	12.62	18.8			2.08		477	477				
0204-515	O	2 4	33	2 6	23.13	19.35			(0.99)		477	477				
0204-520	O	2 4	55.3	2 6	44.60	18.5			1.48		477	477				

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		ABS
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	1872 1092ir,901pol	
	PB 6709B							Si IV 1397 2.5744			1872	1873	1873 Ly limit abs,	
								O IV 1402 2.5231			2281	1874	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 LINES	Z(ABS)	REFERENCES				NOTES
	DEC (1950)	DEC (2000)	DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
0207-398 O X	2 7 24.3 -39 53 50	2 9 28.50 -39 39 41.0	17.15	.20	-.10	2.813*	O VI 1034 H I 1216 N V 1240 Si II 1263 O I 1304 C II 1335 Si IV 1397 C IV 1549 C III 1909	2.4787	330	1138			535 954 2020 2228 2263	846rnd,912, 1488,1980x, 331,911,954, 2020sp, 1485Subv Ly alpha abs, 1870	
0207-519 O	2 7 41.3 -51 56 29	2 9 29.85 -51 42 20.3	19.55			2.16				477	477				
0208+017 O	UM 405 1 44 44	2 10 55.32 1 58 50.0	19.4 *			0.22	Mg II 2798			465	1025	752		1042pos	
0208-018 O	UM 407 PB 6721 -1 48 48	2 11 9.70 -1 34 42.6	18.4			0.56	Mg II 2798			465	1025			1042pos 4.75 arcmin from NGC 850, 2118	
0208-516 O	2 8 49.9 -51 41 19	2 10 38.50 -51 27 13.0	19.45			(1.89)				477	477				
0208-512 R	PKS -51 15 7.7	2 10 46.20 -51 1 2.0	16.93	.56	-.72	1.003	C III 1909 Mg II 2798			031	024 477 1400	1503 1966		761,1304sp, 1485Subv,477fc, 1526vlbi,1800, 2103pol,1897, 1898pos	
0209-521 O	2 9 22.9 -52 8 43	2 11 10.58 -51 54 38.3	19.5			(1.04)				477	477				
0209-502 O	2 9 33.2 -50 14 39	2 11 23.85 -50 0 34.7	18.4			(0.86)				477	477				
0209-523 O	2 9 39.6 -52 21 1	2 11 26.85 -52 6 56.9	19.35			1.64				477	477				
0209-204 R	MC -20 28 14.1	2 12 2.96 -20 14 10.9	18.8			1.823+	Mg II 2798 H I 4861 O III 5007			673	673	1818	673	1526vlbi, 1704fc, 1966rnd	
0209-487 O	2 9 56.6 -48 42 4	2 11 49.42 -48 28 0.7	19.15			2.24				477	477				
0209-418 O	2 9 57 -41 50 41	2 11 58.54 -41 36 37.9	19			1.97	H I 1216 N V 1240 C IV 1549			478	478			846rnd	
0209-491 O	2 9 59.7 -49 6 27	2 11 51.92 -48 52 23.8	18.6			(0.78)				477	477				
0210-477 O	2 10 2 -47 42 16	2 11 56.20 -47 28 12.9	20			(2.43)				477	477				
0210+860 R X	3CR61.1 BSO RN 8 BS 86 5 10	2 22 48.21 86 18 58.6	19			0.184	H I 4340 H I 4861 O III 4959 O III 5007 H I 6563			082	082 334	917 937 1891		696,912x, 1280vlbi, 301fc,334sp 12 arcsec from 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 O	2 10 51.3 -52 29 21	2 12 37.94 -52 15 19.7	19.15			(2.33)				477	477				
0211+318	2 11 6.1 31 51 52.0	2 14 2.66 32 5 50.9	21			1.31	Ne IV 2424 Mg II 2798				1205				
0211-519 O	2 11 25.9 -51 56 18	2 13 13.28 -51 42 18.1	19.1			2.37				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		
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			235ubv,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 OD 124	PKS 4C 10.06 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, 1320pol, 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 676 1367 977 1802 1557 1036 2174 1976 1054	649 789 768 1327 1348uv, 1036 1327 781,1144ir, 1511 436,977,1665, 1524 1752sp,649fc, 1624 1088,1441, 1969 2112x 2228 IRAS source, 2263 1806	676,977,1087, 1541,1626pol, 1327,1348uv, 1036 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 Ne III 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 Ne III 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 2.7204 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 2281 2281	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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
0219+428	3C 66A	2 19 29.99	2 22 39.62	15.58*	.33	-.58	(0.444)	Mg II 2798	650	553	734	907	323,528,648,	
BL Lac R		42 48 30.4	43 2 8.3								875	925	650ubv,323,	
X											970	1084	642,1087,1541,	
											1068	1127	1626,1730,	
											1657	1160	1988,2062,	
											1733	1367	2167pol,1053,	
											1791	1557	1348uv,1164,	
											1834	1888	1254mf,	
											1895		1336rvar,	
											1902		1144ir,1013,	
											1932		1389phot,778,	
											2073		1052,1057,	
											2174		2107,2112x,	
											2271		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	PKS	2 19 38.30	2 22 0.75	19.0 *					412		1206	1966	412rvar,1206,	
BL Lac R		-16 28 55.4	-16 15 16.5										1988,2062pol,	
													1206fc,2112x	
0220-091	1E	2 20 0	2 22 27.61								707			
X		-9 10 0	-8 56 22.2					0.16	H I 4102					
									H I 4340					
									H I 4861					
									O III 4959					
									O III 5007					
0220-142	UT	2 20 14.8	2 22 38.85	18.5					2.43	H I 1216	1437	1437		
R		-14 12 41	-13 59 3.7							Si IV 1397				
										O IV 1402				
										C IV 1549				
0221-163	PKS	2 21 11	2 23 33.42	19.6					(0.7)	Mg II 2798		1304	761sp	
R		-16 22 24	-16 8 49.0											
0221+067	PKS	2 21 49.96	2 24 28.43	19.0					0.511+	Mg II 2798	078	1861	1861 1861	
R		6 45 50	6 59 22.8							O II 3727				
										H I 4861				
										O III 4959				
										O III 5007				
0222-415		2 22 4.9	2 24 4.22	17.7					2.00	C IV 1549	478	478	846rnd	
O		-41 31 29	-41 17 55.7							C III 1909				
0222+000	PKS	2 22 34.2	2 25 8.08	19					0.523	Mg II 2798	026	024	351	
R		0 3 38	0 17 9.1							Ar IV 2854			1527	
										Ne V 3426			1888	
										O II 3727				
0222-008	PKS	2 22 34.63	2 25 7.91	18.4					0.687	Mg II 2798	078	410	789	
R	4C 00.12	-0 49 3.4	-0 35 32.3							Ne V 2974			1111	
										O II 3727			1527	
										NeIII 3869			1888	
										NeIII 3968				
										O III 5007				
0223+113	MC 2	2 23 0.10	2 25 41.84	18					0.924	Mg II 2798	415	1111	1111pos	
R		11 20 55.0	11 34 24.7							Ne V 2974	027			
										O III 3133				
										Ne V 3426				
										O II 3727				
										NeIII 3869				
										H I 4340				

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)	DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
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	1111			1111fc	
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 PKS X 4C 03.07 R 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	1437 1696			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 PKS X 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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS				
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	O	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				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	006	128	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			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	443		955	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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
	DEC (1950)	DEC (2000)									ID	Z	VAR	R	ABS	
0235+164 BL Lac R 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	1574 340 816 341 341 827 489 755 837 577 854 907 1714 997 955 2228 1068 1084 2244 1802 1127 2263 1933 1160 2019 1212 2174 1229 2271 1239	339 795 338 341 816 341 827 489 837 577 907 1714 955 2228 1084 2244 1127 2263 1160 1212 1229 1239	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 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 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 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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R	ABS	
0239-154	UM 677	2 39 35.3	2 41 57.22	18.6			2.786*	H I 1216 2.4688	1025	1025				1874	9.13 arcmin
	O	-15 27 20	-15 14 34.5					N V 1240 1.3035		1874				2228	from NGC 1065,
								Si IV 1397 0.9530		2281				2263	2118
								O IV 1402 0.9060							
								C IV 1549 0.8379							
0239-420		2 39 44.1	2 41 39.16	18.6			2.30	H I 1216		478	478				846rnd
	O	-42 1 26	-41 48 40.1					N V 1240							
								C IV 1549							
0239-239		2 39 50.46	2 42 5.13	19.13			2.63	C IV 1549		2289	2289				
		-23 57 38.4	-23 44 53.4												
0240+007	PB 6856	2 40 3.9	2 42 38.29	17.0	*	-0.50	0.569			1265	1265	1427		1265subv,	
	X PHL 1443	0 43 45	0 56 28.8											1209ext	
0240-021	PKS	2 40 15.44	2 42 47.63	19.69			0.617	C II 2326		1527	1997			1997Bmag	
	R	-2 10 33.3	-1 57 50.0					Mg II 2798							
								O II 3727							
								Ne III 3869							
								O III 4959							
								O III 5007							
0240-021		2 40 36.7	2 43 8.89				1.900	C IV 1549		1429	1429				
	O	-2 10 29	-1 57 46.7					C III 1909							
0240-236	A	2 40 37.00	2 42 51.87	19.73			0.68	C IV 1549		2289	2289				
		-23 39 17.2	-23 26 34.4												
0240-060	GC	2 40 43.13	2 43 12.36	19			1.238	C IV 1549		296	1305				
	R PKS	-6 3 37	-5 50 54.9					C III 1909			044				
	OD 068										578				
0240-309	NGC 1097	2 40 49.3	2 42 57.15	18.5			0.374	Mg II 2798		1245	1245			52.24 arcmin	
	O QSO 7	-30 57 39	-30 44 56.5											from NGC 1097,	
														1245,2118	
0240+027		2 40 49.9	2 43 25.79				1.221	C III 1909		1429	1429				
	O	2 42 42	2 55 23.6					Mg II 2798							
0240-236	B	2 40 54.03	2 43 8.87	18.93			1.48	C IV 1549		2289	2289				
		-23 39 31.5	-23 26 49.5												
0240+011	NGC 1073	2 40 58.62	2 43 33.33	18.8			0.599	Mg II 2798		542	541	837		873xnd,542sp,	
	C BSO 2	1 8 54.8	1 21 36.0					H I 4340		1429				540fc	
	R OD 068							O III 4363						1.95 arcmin	
								H I 4861						from NGC 1073,	
								O III 4959						2118	
								O III 5007							
0240+011	NGC 1073	2 40 58.76	2 43 33.48	19.8			1.945	H I 1216		542	541			873xnd,540fc,	
	C BSO 1	1 9 39	1 22 20.2					Si IV 1397						542sp	
								O IV 1402						1.73 arcmin	
								C IV 1549						from NGC 1073,	
								C III 1909						2118	
0241-228		2 41 2.70	2 43 18.25	19.63			2.02	C IV 1549		2289	2289				
		-22 51 11.9	-22 38 30.3												
0241-302	NGC 1097	2 41 2.7	2 43 11.23	19.5			0.359	C IV 1549		1245	1245			42.71 arcmin	
	O QSO 10	-30 15 57	-30 3 15.2											from NGC 1097,	
														1245,2118	
0241-316	NGC 1097	2 41 2.7	2 43 9.81	19.5			1.588	C IV 1549		1245	1245			80.83 arcmin	
	O QSO 9	-31 38 58	-31 26 16.2					C III 1909						from NGC 1097,	
														1245,2118	
0241+011	NGC 1073	2 41 4.75	2 43 39.45	20			1.411	C III 1909		542	541	1419		873xnd,542sp,	
	R RSO	1 8 27.7	1 21 8.6					Mg II 2798		1419		1527		540fc,	
	PKS							O III 3133				1976		2053absr	
								Ne V 3426						1.4arcmin from	
														NGC 1073,2118	
0241-232		2 41 44.79	2 43 59.94	18.93			0.17	C IV 1549		2289	2289				
		-23 13 41.7	-23 1 2.1												
0241-232		2 41 46.38	2 44 1.50	18.93			1.10	C IV 1549		2289	2289				
		-23 15 26.2	-23 2 46.7												

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

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				
0245-294	NGC 1097	2 45 40.8	2 47 49.61	19.5					1.663	C IV 1549	1245	1245					66.87 arcmin from NGC 1097, 1245,2118
	O QSO 30	-29 25 4	-29 12 35.5							C III 1909							
0245-297	NGC 1097	2 45 42.3	2 47 50.81	20.0					1.004	Mg II 2798	1245	1245					50'.44 arcmin from NGC 1097, 1245,2118
	O QSO 31	-29 42 37	-29 30 8.6														
0245-294	NGC 1097	2 45 45.2	2 47 54.00	19.5					2.141	H I 1216	1245	1245					67.14 arcmin from NGC 1097, 1245,2118
	O QSO 33	-29 25 4	-29 12 35.7							C IV 1549							
0245-298	NGC 1097	2 45 58.3	2 48 6.66	19.5					1.862	C IV 1549	1245	1245					46.18 arcmin from NGC 1097, 1245,2118
	O QSO 34	-29 49 4	-29 36 36.4							C III 1909							
0246-009		2 46 0.8	2 48 33.88	18.75	.19	-.84	1.822			Si IV 1397	2215	2215					
	O	-0 58 44	-0 46 17.2							C IV 1549 C III 1909							
0246-308	NGC 1097	2 46 14.5	2 48 21.76	18.5					1.093	C III 1909	1245	1245					34.10 arcmin from NGC 1097, 1245,2118
	O QSO 35	-30 50 33	-30 38 6.1							Mg II 2798							
0246-300	NGC 1097	2 46 20.0	2 48 28.09	19.0					1.775	C IV 1549	1245	1245					38.65 arcmin from NGC 1097, 1245,2118
	O QSO 36	-30 2 9	-29 49 42.4							C III 1909							
0246+019		2 46 47.0	2 49 22.36	19.15	.08	-.87	1.953			Si IV 1397	2215	2215					
	O	1 56 38	2 9 2.5							C IV 1549 C III 1909							
0246+009	US 3204	2 46 53.9	2 49 28.48	18.77					0.953	C III 1909	1303	1429					
	C	0 56 56	1 9 20.1							Mg II 2798	1429	2215					
0246-407	B21.07	2 46 56.3	2 48 51.66	16.3					1.74								
		-40 46 31	-40 34 5.8														
0247+393	4C 39.10	2 47 4.0	2 50 14.67						(2.87)	Si IV 1397			2001				
	R 3C 82	39 21 30	39 33 52.6							O IV 1402 C IV 1549 C III 1909							
0247-025		2 47 5.4	2 49 37.23	18.28	-.11	-1.31	1.935			Si IV 1397	2215	2215					
	O	-2 34 21	-2 21 57.3							C IV 1549 C III 1909 Mg II 2798							
0247-304	NGC 1097	2 47 7.1	2 49 14.64	19.0					1.646	C IV 1549	1245	1245					37.86 arcmin from NGC 1097, 1245,2118
	O QSO 37	-30 28 18	-30 15 53.7							C III 1909							
0247+012		2 47 7.6	2 49 42.44	19.65	-.14	-.49	0.339			O II 3727	1904	1904					1904Bmag
	C	1 16 50	1 29 13.5							H I 4861 O III 5007		2276					
0247+016		2 47 9.3	2 49 44.46	18.77					2.690	H I 1216	1429	1429					
	O	1 41 13	1 53 36.4							C IV 1549 C III 1909		2215					
0247+011		2 47 10.5	2 49 45.26	19.48	.65	-.57	1.032						2276	2276			
		1 10 27	1 22 50.3														
0247+008	US 3213	2 47 19.9	2 49 54.38	19.06	.22	-.72	0.584			Mg II 2798	1904	1904					1904Bmag
	O	0 49 25	1 1 47.9							Ne V 3426	2215	2215					
	C									O II 3727 Ne III 3869 H I 4340		2276					
0247-294	NGC 1097	2 47 25.2	2 49 33.72	20.0					2.193	H I 1216	1245	1245					72.86 arcmin from NGC 1097, 1245,2118
	O QSO 38	-29 29 23	-29 16 59.6							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)	DEC (1950)	DEC (2000)							ID	Z	VAR	R	ABS	
0247+002 C	US 3216	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 2276					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 2276					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	US 3219	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	US 3221	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	US 3224	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 2276					1904Bmag	
0248+430 R GC	S4	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 2251sp 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 2276					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 2276					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 2276				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	US 3229	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 LBQS 2276					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)	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	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	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	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	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	1025	1874	1025	1874	2228	2263	Ly limit abs, z=2.937 and 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	1025	1025	1025	1874	2228	2263	Ly limit abs, z=2.665,1874	
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	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	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	1904	2276				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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
0249-290	NGC 1097	2 49 52.0	2 52 0.72	19.5			2.204	H I 1216	1245	1245					114.97 arcmin from NGC 1097, 1245,2118
O	QSO 42	-29 0 35	-28 48 18.8					C IV 1549							
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	2276					
0249+008		2 49 55.2	2 52 29.68	19.27	-.16	-.62	2.010	O IV 1402	1904	1904					1904Bmag
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	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	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	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	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					1904Bmag
C		2 3 20.1	2 15 33.0					Mg II 2798	1429	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	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	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	2276					
0250+019		2 50 54.5	2 53 29.86	19.23	.09	-1.15	1.925	Si IV 1397	2215	2215					1904Bmag
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, 1904Bmag
C		0 4 12	0 16 24.1					C III 1909	2276	2276					
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 R MC	2 51 11.35	2 51 55.85	17.5			1.002	C III 1909	767	1445			767 1966		1445fc
		-67 30 14.8	-67 18 0.4					Mg II 2798							
								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	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	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	2276					
								C III 1909							

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

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	ABS			
0253-016 O		2 53 44.0 -1 38 43	2 56 16.51 -1 26 39.1	16.86	-.07	-.78	0.879	C III 1909 Mg II 2798 H I 4102 H I 4340		2215 2215 2216 2216 2274 2274					
0253-218 R	PKS	2 53 56.7 -21 49 31	2 56 12.04 -21 37 27.2	19.1			1.470	C IV 1549 C III 1909		296 1304		1518 1966 1976		761sp	
0254-016 O		2 54 7.9 -1 37 49	2 56 40.42 -1 25 46.3	19.32	.13	-.26	2.684	H I 1216 Si IV 1397 C IV 1549 C III 1909		2215 2215					
0254+000 C	US 3390	2 54 10.8 0 0 43	2 56 44.65 0 12 45.5	18.42	.20	-.82	2.242	H I 1216 N V 1240 O IV 1402 C IV 1549 C III 1909		1904 1819 1904 2215 2276					
0254+010 C		2 54 12.2 1 1 46	2 56 46.87 1 13 48.4	18.16			0.177	O II 3727 NeIII 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		1904 1904				1904Bmag	
0254+007 C		2 54 24.1 0 42 45	2 56 58.51 0 54 46.8	19.53	.63	-1.01	1.115	C III 1909 Mg II 2798		1904 1904 2276				1904Bmag	
0254+014 C		2 54 26.1 1 26 12	2 57 1.10 1 38 13.7	19.58	.16	-.69	1.793	C IV 1549 C III 1909		1904 1904 2276				1904Bmag	
0254-025 O		2 54 26.9 -2 35 26	2 56 58.64 -2 23 24.3	17.9			1.107			2216 2216 2274 2274					
0254-003		2 54 32.3 -0 22 55	2 57 5.83 -0 10 53.6	19.60	.47	-.47	1.585			2276 2276					
0254-404 O		2 54 39.1 -40 24 59	2 56 33.55 -40 12 56.8	17.4			2.29 *	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909	1.2840 0.5503	441 441 478 2199		478 2020 2228 2263	2020sp		
0254-334 R	PKS	2 54 39.6 -33 27 20	2 56 42.85 -33 15 18.1	17 *			1.915+	H I 1216 N V 1240 O I 1304 C IV 1549 He II 1640 C III 1909	0.213	025 024 419 585	024 384 2228	982 761,982, 1304sp, 1526vlbi	1213,1966rnd,		
0254-012 C		2 54 40.2 -1 13 58	2 57 13.04 -1 1 57.0	19.28	-.03	-.48	1.866	O IV 1402 C IV 1549 C III 1909		1904 1904 2215 2215 2276				1904Bmag	
0254+012 C		2 54 40.9 1 13 38	2 57 15.73 1 25 38.9	19.51	.27	-.50	1.089	C III 1909 Mg II 2798		1904 1904 2276				1904Bmag	
0254-009 C		2 54 43.8 -0 57 36	2 57 16.86 -0 45 35.2	19.76	-.02	-.50	1.032	C III 1909 Mg II 2798		1904 1904 2276				1904Bmag	
0254-334		2 54 43.8 -33 27 29	2 56 47.04 -33 15 27.3	16.5			1.863*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798	1.8557 1.8509 1.8374 1.8322 1.8265 1.8150 1.8079	025 1479 024 419 585		585 982 1394 1510 2228 2263	1201pol,761, 982,1304sp, 1208,1514BAL ~1.2 arcmin from PKS QSO 0254-334; z(abs) 1.84- 1.80,1514		
0254-001		2 54 51.4 -0 10 46	2 57 25.09 0 1 14.4	19.79	.15	-.39	1.250			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)	DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
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 -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 1904 2276	1819 1904 2276						
0255+015 C	US 3430 1 32 37	2 57 55.79 1 44 35.9	18.88	.40	-.50	0.282	O II 3727 Ne III 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007	1904 1904 2276	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	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 -0 15 32	2 58 15.53 -0 3 34.1	19.46	.42	-1.02	1.318		1904 1904 2276	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	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 2216 2274 2274	2215 2216 2216						
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 Ne III 3869 H I 4102 H I 4340	1904 1904 2276	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 UT R	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	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 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 -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 2216 2276	1904 LBQS					1904Bmag	

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	ABS		
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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
	DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
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	2215 2216 2216 2274 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)	DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
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						1904Bmag	
0259+015 C	US 3540 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							
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						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	2216					
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							
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	432			789	432		1877 1888	
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	2216					
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	1429	1874					1874 Ly limit abs, 2228 z=2.947,1874, 2263 2125	
0301+002 O	3 1 8.7 0 15 19	3 3 42.75 0 27 0.0	18.3			1.646				2216	2216					
0301+001 C	US 3605 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	1429	1874					1874 Ly limit abs, 2039 z=2.530,1874 2228 2263	

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				
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	1111 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	ABS		
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				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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS				
0313-551	MZZ 1558	3 13 29.4	3 14 51.52	21.64					1.829	C IV 1549 C III 1909	1821	2233					
	O	-55 8 18	-54 57 14.4														
0313-552	MZZ 3222	3 13 45.9	3 15 7.60	21.23					1.315	C III 1909 Mg II 2798	1821	2233					
	O	-55 16 0	-55 4 57.2														
0313-557	MZZ 11552	3 13 46.1	3 15 6.53	21.66					2.058	H I 1216 C IV 1549	1821	2233					
	O	-55 44 15	-55 33 12.2														
0313+344	4C 34.13	3 13 46.22	3 16 54.57	18.5					1.156	C IV 1549 C III 1909 Mg II 2798	033	032		462		1320rpol	
	R	34 26 19.5	34 37 18.9											774			
	B2																
0313-553	MZZ 5250	3 13 49.8	3 15 11.28	21.16					1.192	C IV 1549 C III 1909	1821	2233					
	O	-55 20 31	-55 9 28.4														
0313-552	MZZ 3156	3 13 58.3	3 15 20.05	20.34*					1.358	C III 1909 Mg II 2798	1821	1821	1821				1821Jmag
	C	-55 13 37	-55 2 34.9									2233					
0313-557	MZZ 11484	3 13 58.8	3 15 19.13	20.84					1.021	C III 1909 Mg II 2798	1821	1821					1821Jmag
	C	-55 44 57	-55 33 54.9									2233					
0314-553	MZZ 5177	3 14 7.6	3 15 28.96	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				1821Jmag
	C	-55 21 30	-55 10 28.4									2233					
0314-556	MZZ 11408	3 14 13.7	3 15 34.14	22.00					1.735	C IV 1549 C III 1909	1821	2233					
	O	-55 41 6	-55 30 4.7														
0314-380		3 14 18.6	3 16 13.16	17.3	.10				0.484		1799	1799					345 kpc from Fornax Cl, 1799
	O	-38 1 43	-37 50 43.0														
0314-372	A25.07	3 14 19.7	3 16 15.33	18.1					1.12		2277	2277					
		-37 15 38	-37 4 38.1														
0314-556	MZZ 11326	3 14 27.1	3 15 47.52	21.85					0.464	Mg II 2798	1821	2233					
	O	-55 40 4	-55 29 3.5														
0314-555	MZZ 9085	3 14 28.0	3 15 48.71	21.40					0.409	Mg II 2798	1821	2233					
	O	-55 33 47	-55 22 46.5														
0314-554	MZZ 7114	3 14 28.8	3 15 49.71	20.91					0.808	Mg II 2798	1821	2233					
	O	-55 29 13	-55 18 12.6														
0314-550	MZZ 1246	3 14 36.7	3 15 58.64	21.36					1.132	C III 1909 Mg II 2798	1821	2233					
	O	-55 5 24	-54 54 24.0														
0314-552	MZZ 2994	3 14 40.7	3 16 2.25	21.87					(2.735)	H I 1216 N V 1240	1821	2233					
	O	-55 13 49	-55 2 49.2														
0314-554	MZZ 7030	3 14 44.9	3 16 5.85	21.65					0.636	Mg II 2798 Ne V 3426 O II 3727	1821	2233					
	O	-55 26 40	-55 15 40.5														
0314-551	MZZ 2954	3 14 50.8	3 16 12.46	20.37*					2.744	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	1821	1821	1821				20.37Jmag
	O	-55 10 10	-54 59 10.8									2233					
0314-553	MZZ 5026	3 14 51.6	3 16 12.83	19.92					1.721	C IV 1549 C III 1909	1821	1821					1821Jmag
	C	-55 19 47	-55 8 47.8									2233					
0315-550	MZZ 1098	3 15 5.9	3 16 27.77	21.97					2.208	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909	1821	1821					1821Jmag
	C	-55 3 54	-54 52 55.6									2233					
0315-550	MZZ 1096	3 15 6.2	3 16 28.09	21.92					2.455	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909	1821	1821					1821Jmag
	C	-55 3 35	-54 52 36.6									2233					

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	ABS		
0315-555	MZZ 6917 O	3 15 9.4 -55 30 10	3 16 30.08 -55 19 11.8	21.92			(1.254)	C III 1909 Mg II 2798	1821	2233					
0315-553	MZZ 4959 O	3 15 10.7 -55 23 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	1821	2233				2233	
0315-463	C26.07	3 15 13.2 -46 20 21	3 16 54.27 -46 9 23.6	18.3			2.45			2277	2277				
0315-552	MZZ 2851 O	3 15 13.5 -55 14 48	3 16 34.85 -55 3 50.0	21.91			0.981	Mg II 2798	1821	2233					
0315-557	MZZ 10978 C	3 15 13.6 -55 43 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	MZZ 4935 O	3 15 15.2 -55 20 30	3 16 36.29 -55 9 32.1	21.90			1.876	C IV 1549 C III 1909	1821	2233					
0315-552	MZZ 4926 O	3 15 16.9 -55 17 35	3 16 38.11 -55 6 37.2	21.69			0.854	Mg II 2798	1821	2233					
0315-556	MZZ 8807 C	3 15 24.1 -55 38 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	MZZ 4875 C	3 15 29.3 -55 22 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	1821	1821	2233		2233	1821Jmag	
0315-555	MZZ 8770 O	3 15 30.3 -55 33 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	MZZ 10845 O	3 15 31.2 -55 41 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	MZZ 921 C	3 15 36.7 -55 1 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	MZZ 917 C	3 15 36.9 -55 1 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	MZZ 8668 C	3 15 45.6 -55 38 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	MZZ 6708 O	3 15 52.7 -55 24 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	MZZ 4691 C	3 16 5.7 -55 16 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 7.6 -34 37 31	3 18 6.51 -34 26 37.1	15.2	.10		0.265		1799	1799				544 kpc from Fornax Cl, 1799	
0316-555	MZZ 8555 O	3 16 7.8 -55 35 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	1821	2233			2233		

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)	DEC (1950)	DEC (2000)						ID	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	2.9035 2.5245 2.1330 1.4026 1.3285 1.1083 0.9942	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		ABS
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 H BL Lac X R	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	2.9326 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 DW R	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 PKS R	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 493 493	493 1872 1966 1872	1518 493 1966 1872			761,1304, 2020sp, 2020 1485ubv, 2228 1526vlbi 2263		
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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)	DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
0331-053	1E X	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				1233FeIem 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	PKS R	3 32 25.26 -40 18 24.0	3 34 13.69 -40 8 25.4	18.5					1.445		095 1898	131		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	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	NRAO 140 R 4C 32.14 X 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	756 875 1203	775 932 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 superluminal 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	QSF5:17 C	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	UM 683 O	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 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	PKS R	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	QSF5:10 C	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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
	DEC	(1950)	DEC	(2000)						ID	Z	VAR	R	ABS		
0335-336 O	3 35	23.91	3 37	21.75	18.5			2.258*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798	2.239	1227	1479		1227	1208,1227BAL	
	-33 39	2.2	-33 29	14.4								1227				
0335-443 C	QSF5:15	3 35 24.0	3 37 5.09	20.86			-0.31 (1.217)	C III 1909			2058	2058			2058Bmag, 2058ubv	
		-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 X		3 35 25.3	3 37 21.24	19.2	.30			0.321			1314	1314				
		-35 1 25	-34 51 37.2													
0335-122 R	PKS	3 35 33.64	3 37 55.73	19.8				3.45	H I 1216 C IV 1549		1313		762	1518 2162		
		-12 13 58.6	-12 4 12.2								1593					
0335-441 C	QSF5:12	3 35 33.8	3 37 15.09	18.94			-0.77 (0.525)	Mg II 2798			2058	2058			2058Bmag, 2058ubv	
		-44 11 20	-44 1 32.3													
0335-444 C	QSF5:18	3 35 33.9	3 37 14.80	19.60			-0.76	1.410	C III 1909		2058	2058			2058Bmag, 2058ubv	
		-44 24 7	-44 14 19.2													
0335-362 O		3 35 43.1	3 37 37.24	18.3	.30			2.015			1799	1799			30 kpc from Fornax Cl, 1799	
		-36 15 52	-36 6 5.2													
0335-440 C	QSF5:36	3 35 54.0	3 37 35.53	19.12			-0.38	1.294	C III 1909		2058	2058			2058Bmag, 2058ubv	
		-44 1 36	-43 51 49.5													
0335-353 X		3 35 59.2	3 37 54.55	19.8			-0.20		1.002		1314	1314			15 arcmin from NGC 1399,1314, 2118	
		-35 23 30	-35 13 44.2													
0336-444 C	QSF5:04	3 36 3.8	3 37 44.48	20.32			-1.13	1.866	C IV 1549 C III 1909		2058	2058			2058Bmag, 2058ubv	
		-44 28 37	-44 18 51.0													
0336-444 C	QSF5:01	3 36 21.7	3 38 2.47	20.01			-0.34	0.297			2058	2058			2058Bmag, 2058ubv, 2058neml	
		-44 24 0	-44 14 15.1													
0336-441 C	QSF5:19	3 36 28.4	3 38 9.54	20.16			-0.99	1.940	C IV 1549		2058	2058			2058Bmag, 2058ubv	
		-44 11 19	-44 1 34.5													
0336-443 C	QSF5:09	3 36 36.3	3 38 17.19	18.20			-0.69	0.673	Mg II 2798		2058	2058			2058Bmag, 2058ubv	
		-44 18 50	-44 9 5.9													
0336-439 C	QSF5:35	3 36 42.5	3 38 24.01	20.64			-0.46	2.174+	C III 1909		2058	2058			2058Bmag, 2058ubv, 2058BAL	
		-43 57 59	-43 48 15.3													
0336-442 C	QSF5:42	3 36 49.0	3 38 29.90	21.20			-0.53	1.456	C IV 1549 C III 1909		2058	2058			2058Bmag, 2058ubv	
		-44 17 26	-44 7 42.7													
0336-442 C	QSF5:33	3 36 49.2	3 38 30.17	20.96			-0.20	0.195			2058	2058			2058Bmag, 2058ubv, 2058neml	
		-44 15 3	-44 5 19.7													
0336-359 O		3 36 52.3	3 38 46.75	18.1	.30			2.012			1799	1799			68 kpc from Fornax Cl, 1799	
		-35 56 59	-35 47 16.3													

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS		
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	026 436	055 756	128 789 875 955	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 2058	1878 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 2058	1878 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 2058	1878 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 2058	1878 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 2058	1878 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 2058	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			
0339-366 O	3 39 48.1 -36 38 45	3 41 41.17 -36 29 12.7	17.6	.20	1.402					1799	1799				66 kpc from Fornax Cl, 1799		
0339-448 C	QSF1:22 -44 52 27	3 41 28.71 -44 42 54.4	20.71		-0.28	0.360	O II 3727 O III 5007			1878	1878 2058	2058			1878Bmag, 2058nøml		
0339-443 C	QSF3:27 -44 20 37	3 41 38.68 -44 11 5.0	20.42		-0.62	(1.895)	C IV 1549			2058	2058				2058Bmag, 2058ubv		
0339-442 C	QSF3:15 -44 15 38	3 41 39.93 -44 6 6.0	20.91		-0.25	0.268				2058	2058				2058Bmag, 2058ubv, 2058nøml		
0340-440 C	QSF3:18 -44 0 40	3 41 43.39 -43 51 8.2	20.50		-0.26	1.514	C IV 1549 C III 1909			2058	2058				2058Bmag, 2058ubv		
0340-451 C	QSF1:10 -45 10 20	3 41 48.98 -45 0 48.6	19.57		-0.23	0.312	O II 3727 O III 5007			1878	1878 2058	2058			1878Bmag, 2058nøml		
0340-440 C	QSF3:12 -44 3 38	3 41 52.77 -43 54 6.8	19.31		-1.35	1.751	C IV 1549 C III 1909			2058	2058				2058Bmag, 2058ubv		
0340-372 R	PKS -37 12 53.4	3 42 5.43 -37 3 22.6	18.6			0.284	Mg II 2798 O II 3727 Ne III 3869			1861	1861		1861				
0340-444 C	QSF3:31 -44 26 8	3 41 55.86 -44 16 37.0	19.48		-0.74	1.792	C IV 1549 C III 1909			2058	2058				2058Bmag, 2058ubv		
0340-443 C	QSF3:32 -44 23 45	3 41 56.73 -44 14 14.0	20.13		-0.45	1.480	C IV 1549 C III 1909			2058	2058				2058Bmag, 2058ubv		
0340-442 C	QSF3:13 -44 13 15	3 42 3.64 -44 3 44.4	19.16		-0.72	0.633	Mg II 2798			2058	2058				2058Bmag, 2058ubv		
0340-453 C	QSF1:12 -45 21 29	3 42 12.16 -45 11 59.0	20.01		-0.29	2.212	H I 1216 N V 1240 C IV 1549 C III 1909			1878	1878 2058	2058			1878Bmag		
0340-443 C	QSF3:34 -44 19 40	3 42 20.10 -44 10 10.4	21.04		-0.51	0.246				2058	2058				2058Bmag, 2058ubv, 2058nøml		
0340-441 C	QSF3:10 -44 10 35	3 42 22.28 -44 1 5.6	20.21		-0.25	0.598	Mg II 2798			2058	2058				2058Bmag, 2058ubv		
0340-440 C	QSF3:19 -44 4 37	3 42 24.85 -43 55 7.7	20.19		-0.44	0.860	Mg II 2798			2058	2058				2058Bmag, 2058ubv		
0340-452 C	QSF1:16 -45 13 3	3 42 24.29 -45 3 33.7	21.18		-0.44	2.000	H I 1216 C IV 1549 He II 1640			1878	1878 2058	2058			1878Bmag		
0340-450 C	QSF1:34 -45 5 27	3 42 28.83 -44 55 58.0	18.96		-0.47	2.004+	H I 1216 N V 1240 Si IV 1397 C IV 1549			1878	1878 2058	2058			1878Bmag, 2058BAL		
0340+048 R	3CR 93 PKS OE 069 4C 04.13 NRAO 144 GC	3 40 51.54 4 48 21.7	3 43 30.00 4 57 48.6	17.73*	.35	-0.50	0.357	Mg II 2798 Ne III 3869 H I 4861 O III 4959 O III 5007		136	137	136	789 875 1086 1068 1804 1902 1888		136,323ubv, 323,1201pol, 1172ir 1902avg ph mag		
0340-440 C	QSF3:05 -44 0 46	3 42 35.24 -43 51 17.3	20.44		-0.71	1.466	C IV 1549 C III 1909			2058	2058				2058Bmag, 2058ubv		
0340-452 C	QSF1:11 -45 12 6	3 42 36.29 -45 2 37.5	19.06		-0.23	0.182	O II 3727 H I 4861 O III 4959 O III 5007			1878	1878 2058	2058			1878Bmag, 2058nøml		
0340-442 C	QSF3:39 -44 14 17	3 42 38.52 -44 4 48.5	20.44		-0.61	0.374	Mg II 2798			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	ABS		
0341-453	QSF1:09 C	3 41 6.4 -45 20 50	3 42 44.59 -45 11 22.0	20.59			-0.23	0.550	Mg II 2798 He II 3203	1878 1878 2058 2058					1878Bmag		
0341-441	QSF3:08 C	3 41 7.3 -44 9 24	3 42 47.74 -43 59 56.1	20.90			-0.32	0.168		2058 2058					2058Bmag, 2058ubv, 2058neml		
0341-447	QSF1:37 C	3 41 11.9 -44 46 19	3 42 51.17 -44 36 51.3	20.34			-0.42	0.957	C III 1909 Mg II 2798	1878 1878 2058 2058					1878Bmag		
0341-445	QSF3:47 C	3 41 15.8 -44 32 10	3 42 55.51 -44 22 42.6	19.80			-0.72	0.893	Mg II 2798	2058 2058					2058Bmag, 2058ubv		
0341-440	QSF3:01 C	3 41 23.8 -44 5 12	3 43 4.33 -43 55 45.1	20.77			-0.60	0.867	Mg II 2798	2058 2058					2058Bmag, 2058ubv		
0341-449	QSF1:40 C	3 41 32.7 -44 58 14	3 43 11.54 -44 48 47.6	18.53			-0.77	1.662	C IV 1549 C III 1909	1878 1878 2058 2058					1878Bmag		
0341-444	QSF3:45 C	3 41 34.3 -44 29 32	3 43 14.04 -44 20 5.7	21.16			-0.83	1.378	C III 1909	2058 2058					2058Bmag, 2058ubv		
0341-451	QSF1:32 C	3 41 41.0 -45 10 41	3 43 19.42 -45 1 15.1	20.28			-0.51	0.924	C II 2326 Mg II 2798	1878 2058 2058					1878Bmag		
0341-450	QSF1:29 C	3 41 43.9 -45 4 26	3 43 22.51 -44 55 0.2	21.14			-0.92	(0.566)	Mg II 2798	1878 1878 2058 2058					1878Bmag		
0341-442	QSF3:40 C	3 41 48.7 -44 16 1	3 43 28.83 -44 6 35.6	20.40			-0.35	1.952	C IV 1549	2058 2058					2058Bmag, 2058ubv		
0341-452	QSF1:07 C	3 41 50.7 -45 17 41	3 43 28.86 -45 8 15.6	20.06			-0.42	1.615	Si IV 1397 C IV 1549	1878 1878 2058 2058					1878Bmag		
0342-451	QSF1:31 C	3 42 0.9 -45 10 55	3 43 39.25 -45 1 30.2	19.78			-0.75	0.397	Mg II 2798	1878 1878 2058 2058					1878Bmag		
0342-449	QSF1:30 C	3 42 7.2 -44 56 18	3 43 46.01 -44 46 53.6	20.47			-0.35	1.827	C IV 1549 C III 1909	1878 2058 2058					1878Bmag		
0342-387	B25.09	3 42 10.0 -38 42 5	3 43 59.62 -38 32 41.2	18.7				2.45		2277 2277							
0342-449	QSF1:33 C	3 42 11.5 -44 56 38	3 43 50.28 -44 47 13.9	20.73			-0.39	0.182	O II 3727 O III 4959 O III 5007	1878 1878 2058 2058					1878Bmag, 2058neml		
0342-450	QSF1:36 C	3 42 13.5 -45 3 4	3 43 52.07 -44 53 40.0	18.46			-0.55	1.700	C IV 1549 C III 1909	1878 1878 2058 2058					1878Bmag		
0342-250	X	3 42 52 -25 1 41	3 44 59.99 -24 52 20.3	18.8				0.653	H I 4861 O III 5007	1224 1224					1224x		
0343-460	QSF2:09 C	3 43 33.2 -46 3 45	3 45 9.57 -45 54 25.8	20.62			-0.61	1.557	C IV 1549 C III 1909	1878 2058 2058					1878Bmag		
0344-462	QSF2:30 C	3 44 0.0 -46 13 52	3 45 35.95 -46 4 34.4	19.36			-0.39	0.847	Mg II 2798	1878 1878 2058 2058					1878Bmag		
0344-460	QSF2:16 C	3 44 1.2 -46 1 3	3 45 37.58 -45 51 45.5	19.25			-0.46	(0.592)	Mg II 2798	1878 1878 2058 2058					1878Bmag		
0344-463	QSF2:28 C	3 44 20.7 -46 21 3	3 45 56.35 -46 11 46.6	19.57			-0.72	2.015	H I 1216 C IV 1549 C III 1909	1878 1878 2058 2058					1878Bmag		
0344-458	QSF2:03 C	3 44 29.7 -45 52 47	3 46 6.27 -45 43 31.2	19.89			-0.62	(1.871)	N V 1240 Si IV 1397 C IV 1549	1878 1878 2058 2058					1878Bmag		
0344-461	QSF2:15 C	3 44 32.2 -46 10 21	3 46 8.18 -46 1 5.3	20.40			-0.46	1.082	C III 1909 Mg II 2798	1878 1878 2058 2058					1878Bmag		
0344-462	QSF2:36 C	3 44 36.1 -46 17 26	3 46 11.83 -46 8 10.5	20.53			-0.48	2.293	H I 1216 C IV 1549	1878 1878 2058 2058					1878Bmag		
0344-462	QSF2:31 C	3 44 53.9 -46 17 4	3 46 29.59 -46 7 49.6	19.92			-0.50	1.340	C III 1909	1878 2058 2058					1878Bmag		

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	ABS		
0345-462	QSF2:18 C	3 45 12.1 -46 13 51	3 46 47.85 -46 4 37.7	19.53				C IV 1549 C III 1909	1878 1878 2058 2058					1878Bmag	
0345-463	QSF2:29 C	3 45 13.8 -46 19 54	3 46 49.34 -46 10 40.8	19.94				H I 1216 C IV 1549	1878 1878 2058 2058					1878Bmag	
0345-463	QSF2:35 C	3 45 19.3 -46 23 44	3 46 54.69 -46 14 31.2	19.02				MgVII 2632 Mg II 2798	1878 1878 2058 2058					1878Bmag	
0345-445	C28.03	3 45 25.8 -44 34 55	3 47 4.75 -44 25 42.7	17.9				2.47	2277 2277						
0345+015	PC O	3 45 27.0 1 30 8	3 48 2.29 1 39 18.4	21.7				3.636	1698 1698					1698rmag	
0345-457	QSF2:05 C	3 45 34.2 -45 47 51	3 47 10.76 -45 38 39.1	20.26				H I 1216 C IV 1549	1878 1878 2058 2058					1878Bmag	
0345-460	QSF2:39 C	3 45 55.7 -46 4 37	3 47 31.64 -45 55 26.4	19.94				-0.36 (1.329) C III 1909	1878 1878 2058 2058					1878Bmag	
0346-463	QSF2:20 C	3 46 5.6 -46 19 14	3 47 41.02 -46 10 4.0	21.12				-0.46 (0.200)	1878 2058 2058					1878Bmag, 2058neml	
0346-460	QSF2:44 C	3 46 16.0 -46 4 38	3 47 51.88 -45 55 28.6	20.49				-0.73 0.490 Mg II 2798 He II 3203	1878 1878 2058 2058					1878Bmag, 2058QSO?	
0346-462	QSF2:26 C	3 46 20.2 -46 15 25	3 47 55.71 -46 6 15.9	20.80				-0.38 2.118 H I 1216 C IV 1549	1878 1878 2058 2058					1878Bmag	
0346-462	QSF2:17 C	3 46 23.0 -46 12 1	3 47 58.61 -46 2 52.0	20.51				-0.44 2.213 H I 1216 C IV 1549	1878 1878 2058 2058					1878Bmag	
0346-461	QSF2:42 C	3 46 26.2 -46 11 21	3 48 1.83 -46 2 12.2	19.94				-0.21 (1.351) C IV 1549 C III 1909	1878 1878 2058 2058					1878Bmag	
0346-279	PKS R	3 46 34.0 -27 58 20	3 48 38.12 -27 49 12.6	19.4				0.988 C III 1909 Mg II 2798	1861 1861			1966		1305ir,1789mm new id in 1861	
0347-241	PKS R	3 47 4.3 -24 10 14	3 49 12.99 -24 1 8.6	19.0				1.885 H I 1216 N V 1240 Si II 1263 C IV 1549	762 1304			1518 1966		761sp	
0347-450	C28.05	3 47 28.4 -45 3 29	3 49 6.11 -44 54 24.1	18.8				2.90	2277 2277						
0347-383	O	3 47 53.7 -38 19 30	3 49 43.18 -38 10 27.0	17.3				3.23 * H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	3.0252 431 2.8487 478 2.8103 2.6508 2.5706	431 431 478			478 597,911sp, 911 846rnd 1994 Ly limit abs, 2059 z=3.02,911, 2125 1994,2247; 2228 damped Ly 2263 alpha,2243		
0348-450	C28.13	3 48 6.9 -45 5 53	3 49 44.43 -44 56 50.5	18.2				2.12	2277 2277						
0348+061	NAB C	3 48 36.62 6 10 15.5	3 51 16.54 6 19 14.1	17.6				2.059* H I 1216 Si IV 1397 O IV 1402 C IV 1549	2.0330 016 2.0237 016 1.9681 2281 1.8409	016 016 1872 2281			016 704,1202pol, 1872 853rnd, 1873 1531elp, 2228 2251sp 2263		
0348-120	PKS R	3 48 49.0 -12 2 18	3 51 10.81 -11 53 19.5	19.0				1.520	011 1305			1518 1966 1976		1305ir, 1526vlbi	
0349-146	MSH 03-19 R 3C 95 PKS NRAO 147 OE 181.9	3 49 9.5 -14 38 7	3 51 28.60 -14 29 9.7	16.22	.33	-0.56	0.616	Mg II 2798 Ne V 3426	079 1467 098 1731			128 775 1888 1891 1966		003,079, 1485ubv,1028, 1202pol,799, 1617ir,1032, 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)	REFERENCES				NOTES
		DEC	(1950)	DEC	(2000)							ID	Z	VAR	R		ABS
0350-073	3C 94 R PKS MSH 03-06 NRAO 149 OE 083 GC WK	3 50	4.02	3 52	30.57	16.70*	.44	-.68	0.962	C III 1909 Mg II 2798	079	002	212	128	007,299, 1485ubv,004, 705,1202pol, 749pos,799ir, 057fc 1902avg Bmag	
		-7 19	55.8	-7 11	2.1								252	775		
													290	1586		
													875	1891		
													920			
0350-280	X	3 50	34.2	3 52	37.86	18.2	.40		0.170			1314	1314			
		-28 4	38	-27 55	45.4											
0351-378	O	3 51	18.92	3 53	8.77	18.5			2.939	C IV 1549		1440	1440			
		-37 49	39.9	-37 40	49.6											
0351-390	O	3 51	30.9	3 53	18.71	17.9			3.01 +	O VI 1034 H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 C IV 1549	431	431		911	846rnd,597, 911sp	
		-39 4	46	-38 55	56.4								478			
0351+187	R	3 51	57	3 54	50.15	19			2.71 *	O VI 1034 2.70 H I 1216 Si IV 1397 O IV 1402 C IV 1549	476	476		476		
		18 45	47.7	18 54	33.5											
0352-275	UM 684 O	3 52	1.5	3 54	5.70	18.0			2.823*	H I 1216 2.8001 N V 1240 2.5792 Si IV 1397 2.2002 O IV 1402 2.1442 C IV 1549 1.4051	1025	1874		1874		
		-27 32	55	-27 24	7.8								1025		2228	
													2281		2263	
0352-164	PKS R	3 52	7.94	3 54	25.02	18.0			1.187	C III 1909 Mg II 2798	296	1251		1251	1966rnd	
		-16 25	8.5	-16 16	22.1											
0352+123	PKS R 4C 12.17	3 52	59.25	3 55	45.60	19.31			1.616*	H I 1216 1.6007 C IV 1549 1.4831 He II 1640 O III 1663 C III 1909 Mg II 2798	087	436		489 2049 1818 2263 1891 1976		
		12 23	3.5	12 31	45.7								2049			
													2281			
0353-383	O R	3 53	0.7	3 54	49.57	17.5			1.961*	H I 1216 1.4216 N V 1240 O I 1304 Si IV 1397 O IV 1402 N IV 1488 C IV 1549 He II 1640 O III 1663 N III 1750 C III 1909	478	478		846 1000 904 1394 2228 2263	842,2020sp	
		-38 18	36	-38 9	52.0								328			
													2281			
0353+206	UT R	3 53	42.1	3 56	37.51	19			1.92	H I 1216 C IV 1549	1437	1437				
		20 41	35	20 50	14.2											
0354+202	R	3 54	55.52	3 57	50.47	19			1.728	H I 1216 C IV 1549	476	476		1976		
		20 13	19.2	20 21	53.8											
0355+079	PKS R	3 55	17.5	3 57	59.38	19.5			1.050	C III 1909 Mg II 2798	296	1304		1518 1976	761sp	
		7 59	49	8 8	22.7											
0355-483	PKS R	3 55	52.57	3 57	21.99	16.38	.33	-.88	1.005	C III 1909 Mg II 2798 Ar IV 2854	411	410		1519	736,1485ubv, 418,761sp,886, 1617ir,420fc, 1526vlbi, 1966rnd	
		-48 20	50.2	-48 12	16.2								1898			
0357+107	1E X	3 57	27.1	4 0	11.91	16.78	.30	-.75	0.182	H I 4340 H I 4861 O III 5007 H I 6563	1269	1269			1269ubv, 1269FeIIem, 1269x,1207, 1261imag,1910, 2047sp	
		10 46	48	10 55	13.5											
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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES		Z(ABS)				REFERENCES				NOTES
		DEC	(1950)	DEC	(2000)					ID	Z	VAR	R	ABS	ID	Z	VAR	R	ABS	
0400+258	OF 200 R B2 DW CTD 26 GC	4 0 3.7	4 3 5.69	4 3 5.69	4 3 5.69	18			2.109	H I 1216 C IV 1549	348 443	1297							1119,1336rvar, 1241,1350xnd, 1181sp,1617ir, 1526vlbi, 2103pol	
0400-271	UM 685 O	4 0 36.0 -27 6 33	4 2 40.10 -26 58 18.0	4 2 40.10	4 2 40.10	18.9			2.834*	H I 1216 2.8540 N V 1240 2.7820 Si IV 1397 2.4685 O IV 1402 1.2224 C IV 1549	1025 1025	1025	1025					1025 1874BAL 1874 2228 2263		
0400-402	O	4 0 37.0 -40 12 33	4 2 21.78 -40 4 17.5	4 2 21.78	4 2 21.78	17.9			1.11	C III 1909 Mg II 2798	980 980									
0401-350	O	4 1 1.0 -35 3 36	4 2 54.05 -34 55 22.3	4 2 54.05	4 2 54.05	17.4			0.22	H I 4861	980 980									
0401-350	B O	4 1 18.4 -35 5 10	4 3 11.38 -34 56 57.4	4 3 11.38	4 3 11.38	19.5			3.242+	H I 1216 N V 1240 C IV 1549	980 980							980 Ly abs,2156		
0402-362	PKS R	4 2 2.65 -36 13 11.2	4 3 53.82 -36 5 1.3	4 3 53.82	4 3 53.82	17.17	.15	-.96	1.417*	C IV 1549 0.797 C III 1909	103 024		387 954 1966 2228 2263					736ubv,761, 954,1304sp, 780,886ir,847, 865pos, 1526vlbi, 2103pol		
0402-337	A27.05	4 2 6.9 -33 42 54	4 4 1.85 -33 34 44.5	4 4 1.85	4 4 1.85	18.0			3.04		2277 2277									
0403-132	PKS R X	4 3 13.98 -13 16 17.9	4 5 34.01 -13 8 13.5	4 5 34.01	4 5 34.01	17.17*	.28	-.57	0.571	Mg II 2798 Ne V 3426 O II 3727	079 002 079 128 1305 290 1162							059,134ubv, 703,900,1201, 2103pol,1188, 2229sp,999x, 1367 1966 1526vlbi		
0403-131	SHK 278-4 S	4 3 16 -13 7 0	4 5 36.19 -12 58 55.8	4 5 36.19	4 5 36.19	18.2	.56		0.121	O II 3727 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007	2212 2212									
0404+177	PKS R 4C 17.22	4 4 36.15 17 42 52.5	4 7 28.73 17 50 50.4	4 7 28.73	4 7 28.73	19.22			1.712	H I 1216 C IV 1549 C III 1909	124 436							789 1818 1891 2009		
0405-385	PKS R	4 5 11.89 -38 34 25.2	4 6 58.92 -38 26 27.2	4 6 58.92	4 6 58.92	17.5			1.285		103 2199							767 1966		
0405-123	MSH 04-12 R PKS OF 109 HEAO	4 5 27.45 -12 19 31.8	4 7 48.42 -12 11 36.0	4 7 48.42	4 7 48.42	15.35*	.18	-.60	0.574	Mg II 2798 H I 4340	035 054 007 128 1731 099 775							007,134,1451, 148Subv,099, 877,1202, 2103pol,772, 1355,1693, 1941,2061uv, 920 324,1032,1188, 2229sp, 1068 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 -44 17 58	4 7 18.32 -44 10 1.6	4 7 18.32	4 7 18.32	17.6			3.00		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
0406+121	PKS BL Lac R X	4 6	35.62	4 9	22.15	20.5						1262		781		1031ir,1356, 2112x,412rvar, 1262irvar, 855sp
		12 9	49.5	12 17	40.0									1212		
0406-127	PKS R OF 111	4 6	45.42	4 9	5.87	18.5			1.563	Si IV 1397 O IV 1402 C IV 1549 C III 1909		011	501	011		761,1304sp, 1526vlbi
		-12 46	40.9	-12 38	50.1									1966 1976		
0407-453	C29.08	4 7	27.8	4 9	1.98	17.5			1.84			2277	2277			
		-45 19	43	-45 11	53.3											
0407-199	MC R	4 7	28.10	4 9	40.51	19.5			1.986	H I 1216 Si IV 1397 O IV 1402 C IV 1549		673	673	1818		1704fc, 1966rnd
		-19 55	49.9	-19 48	1.6									1976		
0409-340	A28.09	4 9	37.0	4 11	30.80	17.5			1.35			2277	2277			
		-34 1	3	-33 53	22.4											
0409+229	3C 108 R 4C 22.08 X NRAO 167 DA 128 PKS B2	4 9	44.7	4 12	43.70	18.7	.90		1.215	C III 1909 Mg II 2798 O II 3727		139	137	462		1201pol, 1172ir, 1320rpol, 1356x, 1526vlbi, 033fc
		22 57	27.8	23 5	5.6									800 1976 2092		
0410-430	C28.07	4 10	6.7	4 11	45.12	16.7			2.40			2277	2277			
		-43 2	12	-42 54	32.8											
0413-116	S	4 13	37.9	4 15	59.33	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
		-11 41	22	-11 33	58.0											
0413-210	PKS R	4 13	53.6	4 16	4.35	18.5			0.808	C III 1909 C II 2326 Mg II 2798		296	1304	1518		761sp, 1526vlbi
		-21 3	51	-20 56	27.6									1305 1966		
0414+009	1H BL Lac X R	4 14	17.58	4 16	52.41	17.59*	.48	-.70				1044	1902	1044		1044,2107, 2112x,1044ubv, 1800,1988, 2062pol 1902avg Bmag; 0.287zgal,2218 strange config of gals near, 2219
		0 58	3.4	1 5	24.3							2298		1658 2220		
0414-189	PKS R MC	4 14	23.35	4 16	36.55	18.5			1.536	C IV 1549 He II 1640 C III 1909 Mg II 2798 Mg V 2931 Ne V 3426		466	466	011		1526vlbi, 011fc,761, 1304sp,1789mm
		-18 58	29.7	-18 51	8.4									501 1966 1976		
0414-060	PKS R 4C 05.17 X 3C 110 OF 024 NRAO 170	4 14	49.18	4 17	16.66	16.25*	.30	-.70	0.781	C III 1909 Mg II 2798 H I 4340 H I 4861		048	100	567	1518	736ubv,704, 877,1202pol, 1355,1628, 1693,1941, 2061uv,780ir, 912,1183, 1980x,958sp, 958FeIIem, 129pos 1902avg Bmag
		-6 1	4.3	-5 53	45.2									1731 875		
0415-200	MC R	4 15	6.42	4 17	18.34	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
		-20 2	10.3	-19 54	51.7											

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)	DEC (1950)	DEC (2000)						ID	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 A O X R	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 1397 1402		431	431 478	846 904	552 911	1382mm,696, 912,1488x,780, 1358 886,919ir,597, 1747 911sp,672, 1830 1485ubv, 2075 1941uv 2228 rich abs 2263 spectrum, ~200 systems, Ly alpha abs, 1358, 2156; Ly limit abs, 2247		
0420-388 B O	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 OF 035 X 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	026 254 255 290 728 754 755 1068 1802 2174	128 128 789 837 955 2263	640 836 2228 2263	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	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 OF 036 GC	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	128 789 1297 2228 2263	974 1969 2228 2263	1337,1485ubv, 877,1201pol, 831,1181, 2251sp, 1526vlbi Ly alpha abs, 974		

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

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				
0438-108	1E X	4 38 39.1 -10 49 48.2	4 41 0.90 -10 44 4.7	20.2					0.868	Mg II 2798 O II 3727	1416	1416		991		1048x	
0438-436	PKS R X	4 38 43.19 -43 38 54.0	4 40 17.20 -43 33 9.1	18.8					2.852+	H I 1216 Si IV 1397 O IV 1402 C IV 1549	502	502		1966	502 2306	1282,1526vlbi, 1617ir,912, 1686,1980x, 1800,2103pol, 847,865pos	
0439-433	PKS R	4 39 43.7 -43 19 10	4 41 18.30 -43 13 29.3	16.36	.28	-.65			0.593	Mg II 2798 H I 4102 H I 4340	103	1304		103		761sp,1485ubv, 1617ir, 1966rnd	
0440-160	O	4 40 0 -16 0 0	4 42 15.77 -15 54 21.9						2.679*	Si IV 1397 2.2290 O IV 1402 2.2142 C IV 1549 1.0067			1872		1872 1873 2228 2263		
0440-109	1E X	4 40 1.1 -10 57 30.6	4 42 22.72 -10 51 52.7	18.8					0.279	H I 4102 H I 4340 H I 4861 O III 5007	1416	1416				1048x,1910sp	
0440-003	PKS R NRAO 190 X OF 067 DA 145	4 40 5.31 -0 23 20.6	4 42 38.68 -0 17 43.5	17.0 *	.37	-1.05			0.844	C III 1909 Mg II 2798	077	443	755	789		056ubv,1201, 2103pol,847, 1810pos,873, 1980x,831sp, 936rvar, 1526vlbi	
0440-285	PKS R	4 40 38.04 -28 31 6.3	4 42 37.66 -28 25 30.2	19.2					1.952*	H I 1216 1.9541 C IV 1549 C III 1909 Mg II 2798	296	1861		1861	1861 2263	1966rnd	
0441-368	A29.20	4 41 28.0 -36 51 45	4 43 14.58 -36 46 11.8	17.2					0.68							2277 2277	
0442-301	F27.26	4 42 18.0 -30 9 58	4 44 15.14 -30 4 28.7	18.1					2.40							2277 2277	
0443-358	A29.22	4 43 46.5 -35 52 7	4 45 34.60 -35 46 43.4	18.3					2.61							2277 2277	
0443-408	B27.07	4 43 53.6 -40 53 59	4 45 32.66 -40 48 35.6	18.9					3.27							2277 2277	
0443-320	F27.21	4 43 57.9 -32 3 51	4 45 52.09 -31 58 28.4	17.8					3.00							2277 2277	
0445-418	B27.06	4 45 21.8 -41 51 4	4 46 58.87 -41 45 46.6	17.8					2.70							2277 2277	
0445+097	PKS R 4C 09.17	4 45 37.07 9 45 36.2	4 48 21.78 9 50 50.0	19.55					2.115*	H I 1216 2.1141 C IV 1549 2.1070 He II 1640 1.4666 C III 1909 0.8392	124	436		789	2049 1818 2263 1891	1526vlbi, 1818pos, 2266imag 2236sp of fuzz	
0445-457	C30.10	4 45 51.0 -45 42 37	4 47 19.84 -45 37 21.3	17.2					0.91							2277 2277	
0445-307	F27.24	4 45 51.7 -30 47 2	4 47 47.73 -30 41 47.4	18.0					2.42							2277 2277	
0446-208	MC 1 R	4 46 49.22 -20 49 55.8	4 48 58.85 -20 44 45.6	17					1.896*	H I 1216 1.8674 N V 1240 0.0668 Si IV 1397 O IV 1402 N IV 1488 C IV 1549 C III 1909	849	849	2174	1966	809	0.2 arcmin from anon gal, 0.067zgal 1650,2118,2248	
0447-092	1E X	4 47 9.5 -9 17 17.9	4 49 32.90 -9 12 9.7	18.5					0.946	Mg II 2798	1416	1416				1048x	
0447-395	O	4 47 27.1 -39 34 11	4 49 8.40 -39 29 2.4	18.1					1.98	C IV 1549 C III 1909	478	478				846rnd	

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
0448-392 R	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 R	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 2.8165 2.3132 1.4204 1.2667		1872 1874	1872 2228 2263		Ly limit abs, z=2.963,1874		
0449-183 X R	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 2.2315 2.1063 2.0699 1.1745 0.4940		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 R	PKS 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 R	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 R	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 846rnd, 535 1485ubv,954sp, 559 1779,2095imag 562 Ly alpha abs, 954 562; nearby 1394 gal 0.726zgal, 1747 2262 2020 2228 2244 2263			

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		
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	1518 501 1902 761 1966 1420 1976 1731 1754 2228 2263	736ubv, 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 023 1898 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	1800hpq, 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	045 044 756 789 1375 578 1181 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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R	ABS	
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	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	PKS R 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	PKS R	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	PKS R 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	1E X	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	PKS R 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	009 410	1485 1167 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	3CR 138 R 4C 16.12 X 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	102 101	754 128 462 882 1150 1340 1393 1557 1792 1888 1891 2000 2013 2015		008ubv, 1201, 2103pol, 696, 912, 1107x, 1336rvar, 245fc, 1526vlbi, 1789mm	
0521-365	PKS BL Lac R MSH 05-36 X	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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC	(1950)	DEC	(2000)							ID	Z	VAR	R		ABS
0522-611	PKS R	5 22	0.49	5 22	34.56	18.05	-.05	-.74	1.40	C IV 1549 C III 1909	420 1898	501	1966		761,1304sp, 494fc, 1526vlbi, 1485ubv	
0524-702	X	5 24	31.94	5 24	2.26	20			0.15		2045	2045				
0528-250	PKS R X	5 28	5.16	5 30	7.93	17.24*	.83	.31	2.779*	Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.8145 2.8121 2.8118 2.8052	412	555 399 011	1966	399 410 555 764 911 935 1139 1378 1716 1824 1872 1873 1874 2032 2228 2263	1201pol, 1320rpol,781, 1092ir,761, 1139,1835sp, 912,1088x, 1485ubv, 1526vlbi, 1810pos Ly alpha abs, 764;Ly limit abs,z=2.839, 1874; prob damped Ly alpha,z=2.14, 1874;damped Ly alpha,z=2.8121 1139,2243;
0530-379	O	5 30	48.6	5 32	30.72	16.7			0.29		478	478			1222elp, 846rnd,1617ir, 1630,2145imag	
0532-424	B30.05	5 32	58.9	5 34	32.01	18.0			2.81		2277	2277				
0534-201	MC 1 R	5 34	12.86	5 36	22.29	19.4			0.995	C III 1909 Mg II 2798	673	673	1888		1704fc, 1966rnd	
0537-158	PKS R	5 37	17.18	5 39	32.04	17.5			0.947	LYB 1026 O VI 1034 H I 1216 N V 1240 C IV 1549 C III 4155	011 1898	501	011 1966		761sp, 1526vlbi	
0537-441	PKS R X	5 37	21.09	5 38	50.39	15.5 *	.46	-.57	0.894	C III 1909 Mg II 2798	103	024	024 1452 453 561 745 2054	1966	103,453,736, 1485,1958ubv, 1348,1941uv, 1164,1368, 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 R X	5 37	56.94	5 39	54.30	20			3.11 *	LYB 1026 O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	011	596 472 501	1340 1966	596 911 2228 2263	761,911sp,696, 912x,1526vlbi Ly limit abs, z=2.976,596	

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	ABS	
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 Ne III 3869 Ne III 3968	104	065	006	128 290 462 830 833 837 843 882 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 1.9615 O I 1304 1.8971 Si IV 1397 1.7476 O IV 1402 1.3007 C IV 1549	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)	DEC (1950)	DEC (2000)							ID	Z	VAR	R	ABS	
0557-672		5 57 27.2	5 57 21.78	17.5					0.142	O II 3727 Ne III 3869 He 3970 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007	1629 1629						
O		-67 13 49	-67 13 37.6														
0558-504	PKS	5 58 34.6	5 59 47.44	14.97	.21	-.89	0.137			O II 3727 H I 4102 H I 4340 He I 5876	1519 1571					1571, 1842FeIem, 1571ubv,1571x HEAO-1 source, 2176	
R	1H	-50 26 55	-50 26 51.4														
X																	
0602-319	PKS	6 2 22.5	6 4 14.61	18.3			0.452			Mg II 2798 Ne V 3426 O II 3727 Ne III 3869 Ne III 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	
R		-31 55 48	-31 56 2.4														
0602-398	B31.18	6 2 47.3	6 4 25.29	18.2			2.2				2277 2277						
		-39 50 58	-39 51 13.7														
0605-085	OH 010	6 5 36.0	6 7 59.68	18.5 *			0.87			C III 1909 Mg II 2798	078 1437 1800		1557 1792 1937			1466vlbi, 1241x,1800, 2103pol, 1789mm	
R		-8 34 19	-8 34 48.7														
X																	
0606-223	PKS	6 6 53.42	6 8 59.74	20			1.926			H I 1216 N V 1240 C IV 1549 C III 1909	412 501 1876		011 2056			761,1304, 1876sp, 1526vlbi, 1810pos, 2103pol	
R		-22 19 47.2	-22 20 21.9														
0607-157	PKS	6 7 26.10	6 9 41.07	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	
R	MC	-15 42 4.2	-15 42 41.6														
X																	
0608-352	A34.09	6 8 1.2	6 9 47.76	17.2			0.81				2277 2277						
		-35 14 55	-35 15 33.9														
0610+260	3CR 154	6 10 43.75	6 13 50.15	18 *			0.580			Ne III 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	
R	4C 26.20	26 5 30.7	26 4 37.0														
	NRAO 230																
	CTA 40																
	DA 201																
	OH 218																
	CTD 42																
0615+820	S5	6 15 32.74	6 26 2.94	17.5			0.71				937 1667		937 1793			1855mm	
R		82 3 56.4	82 2 25.5														
0621-786	PKS	6 21 29.7	6 18 30.16	16.96	.41	-.68	0.942			Mg II 2798	495 493		2056			761,1304sp, 1485ubv	
R		-78 41 33	-78 43 0.3														
0622-441	PKS	6 22 2.7	6 23 31.79	16.93*	.22	-.73	0.688			C II 2326 Mg II 2798 Ar IV 2854 O III 3133 Ne V 3345 H I 4861	025 410 1898		736 387 2056			736ubv,761, 1304sp,780, 886ir, 1526vlbi	
R		-44 11 24.2	-44 13 3.6														

TABLE 1—Continued

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

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	
0650+371 B2 R UT S4 GC	6 50 35.2 37 9 27	6 53 58.20 37 5 40.4	18					1.982	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		510 1443 1437 1437	1521 1976		1526vlbi		
0657+176 R	6 57 37.14 17 40 8.3	7 0 31.42 17 35 52.9	18.5					(0.722)	Mg II 2798		476 476					
0701+392 B3 R	7 1 5.1 39 15 54	7 4 31.34 39 11 22.9	18.7					1.283	C III 1909 Mg II 2798 O III 3133		1990 2270					
0704+384 4C 38.20 R OI 306.8 B2	7 4 8.39 38 26 57.3	7 7 32.92 38 22 13.4	17.5					0.579	Mg II 2798 Ne V 3426 NeIII 3869		033 032	462 774 775 1888 1891 2021	1201pol,831, 1188sp, 1320rpol,1617, 2021ir, 1813ir/r, 2099mm			
0705+350 UT R	7 5 5.96 35 0 29.6	7 8 24.45 34 55 41.9	18.4					1.266	C III 1909 Mg II 2798		1437 1447 1446 1437					
0710+118 3CR 175 R 4C 11.26 X PKS OI 117 NRAO 258 DA 231	7 10 15.38 11 51 23.9	7 13 2.42 11 46 15.8	16.6 *	.46	-.51	0.768			C III 1909 Mg II 2798 Ne V 3426		064 002 1142 128	462 775 787 1804 1891 1998 2013	005ubv,704, 1202pol,696, 912,1107x, 749pos, 1320rpol, 295fc,1617ir			
0711+356 OI 318 R	7 11 5.62 35 39 53.3	7 14 24.83 35 34 40.6	18.06*					1.626	N V 1240 Si IV 1397 O IV 1402 Si II 1531 C IV 1549 He II 1640 Si II 1817 C III 1909		096 084 150 775 2281 875 1521 1068 1976 1902 2060 2085 2144	1280,1526, 1862vlbi, 1478fc, 1513elp,1617, 2021ir, 2103pol, 2144rvar 1902avg ph mag				
0713+745 MKN 380 C	7 13 28.1 74 33 33	7 19 49.53 74 28 4.1	17					0.475	H I 4102 H I 4340 H I 4861 O III 4959 O III 5007 He I 5876 H I 6563		503 2181					
0714+457 S4 R	7 14 13.8 45 43 27	7 17 52.21 45 38 0.6						0.940	C III 1909 Mg II 2798		1443 1521		1526vlbi			
0716+714 S5 BL Lac R X	7 16 12.98 71 26 15.0	7 21 53.39 71 20 36.2	15.5 *								933 933 933 1811 2054 996 2133 1212 1441 1543 1555 1557 1793	933,2112x,933, 2046pol,1348, 1679uv,1667, 1766,1945, 2133rvar,1789, 1855mm IRAS source, 1806;				
0721+690 X	7 21 15.0 69 3 44	7 26 31.31 68 57 45.4	16.8	-.10				0.111			1314 1314		1207,1261imag 20 arcmin from NGC 2366,1314, 2118			
0723+679 4C 67.14 R NRAO 263 DA 233 3C 179	7 23 4.29 67 54 53.4	7 28 10.89 67 48 47.7	18.0					0.846	C III 1909 Mg II 2798		110 009 509	534 979 1128 1145 1152 1166 1167 1605 1708	1201pol,951, 1280,1526, 1672vlbi, 1003sp,426fc superluminal source,1827, 1845;			

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	ABS		
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		RA		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
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				1988,2062,		
										O III 5007				2103pol,1204,		
										H I 6563				1322rvar,		
														1068 1212		
														1322rvar,		
														1902 1229		
														1388rpol,780,		
														1144,1399,		
														1580,1617,		
														1557		
														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							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							1526vlbi,		
								H I 6563							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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS				
0746+483	OI 478 R S4	7 46 40.0 48 22 30	7 50 20.49 48 14 53.2	18.5				1.951	H I 1216 C IV 1549 C III 1909	510 1443		1521 2060			1526vlbi, 1789mm		
0747+613	SBS 1 C OI 680 R	7 47 50.17 61 20 6.0	7 52 11.99 61 12 23.3	17.5				2.492*	O VI 1034 H I 1216 N V 1240 O I 1304 C II 1335 Si IV 1397 O IV 1402 C IV 1549 O III 1663 C III 1909	1034 2.210 1216 1.986 1285 1285	507 708 1285 1285	1818 1891	708 2228 2263	1122,2237, 2251sp, 2010imag			
0748+126	PKS R	7 48 5.1 12 38 45.8	7 50 52.09 12 31 5.2	17.8	.32	-.83	0.889		C III 1909 C II 2326 Mg II 2798	010 500 009		010 412 1807		1337ubv,761, 1304sp,1789mm, 1526vlbi,1617, 2021ir, 2103pol			
0748+333	OI 380 R B2 GC	7 48 41 33 21 4	7 51 53.62 33 13 20.3	18.04				1.932	H I 1216 C IV 1549 C III 1909	216 443		216 476 748	1297 2060	1181sp, 1336rvar, 1526vlbi			
0749+379	UT R	7 49 8.8 37 58 41	7 52 28.61 37 50 55.2	16.5				1.20	C IV 1549 C III 1909 Mg II 2798	1437 1437							
0750+339	UT R	7 50 14.3 33 58 43	7 53 27.71 33 50 53.2	18.5				2.07	C IV 1549 C III 1909	1437 1437							
0751+563	PC O	7 51 40.7 56 23 6	7 55 42.58 56 15 9.1	19.91				4.285+	H I 1216 N V 1240 O I 1304 Si II 1307 O IV 1402 C IV 1549	2014 2014				2014rmaq Ly alpha abs, 2014			
0751+298	4C 29.27 R B2	7 51 50.96 29 49 50.7	7 54 58.32 29 41 54.9	18.5				2.108*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909	1216 1.9185 1397 1402 1549	113 009 2049 2281	009 1891 2162	1818 2049 2263	1617ir, 2266imag			
0752+258	OI 287 R B2 VR25.07.04	7 52 34.88 25 50 37.5	7 55 36.97 25 42 39.1	18.41*	.55	-.35	0.446		Mg II 2798 O II 3727 O III 4959 O III 5007	078 009 828	1902 1200 1367 1708 1887			704,877,900, 1202,1914, 1915pol, 1337ubv, 1222elp,1261, 1700,2259imag, 1026ext, 1617ir 1902avg Bmag			
0754+100	OI 090.4 BL Lac R PKS X	7 54 22.58 10 4 39.8	7 57 6.65 9 56 35.0	15.71*	.43	-.66				655		655 837 858 1367 970 1557 1902 1771 1932 1807 2073 2271		642,655,670, 856,1087,1098, 1541,1626, 1730,1988, 2062pol, 1388rpol,1164, 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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
	DEC (1950)	DEC (2000)									ID	Z	VAR	R	ABS	
0755+147 R	UT 7 55 32.6 14 45 29	7 58 21.63 14 37 19.6	18.5				2.39	H I 1216 C IV 1549		1437 1437						
0757+604 O	SBS 7 57 6.0 60 24 0	8 1 21.48 60 15 42.0	19				1.776	Si IV 1397 O IV 1402 C IV 1549 O III 1663 C III 1909		2238 2237						
0758+120 R	MC 5 7 58 14.49 12 1 43.3	8 1 0.50 11 53 23.8	20				2.670*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.0262	116 116 458 2049 2281	1818 986 1891 2049	986sp,1092, 1617ir,1356x, 2266imag 2236sp of fuzz				
0758+143 R X	3CR 190 PKS 4C 14.25 NRAO 278 OI 198 DA 242	7 58 45.05 14 23 4.3 8 1 33.55 14 14 42.7	20.32	.52	-.35	1.195	C III 1909 C II 2326 Mg II 2798 O III 3133 Ne V 3426 O II 3727			424 137 684	882 1393 1804 1891 2000 2013 2085	1201pol,1172, 1617ir,1356x, 1491ubv,064fc, 1526vlbi				
0759+341 R	UT 7 59 33.4 34 7 46	8 2 46.14 33 59 20.7	18.5				2.44	H I 1216 C IV 1549		1437 1437	2162					
0759+651	7 59 53.0 65 8 22	8 4 30.48 64 59 52.8	15.5				0.148	H I 4861 He I 5876 H I 6563		1860 1923 1923 1860		IRAS source 1860;1923 strong FeIIem; 2196CO spec				
0800+608 R	OJ 401 8 0 9.0 60 48 38	8 4 25.39 60 40 8.5	18.8				0.689	Mg II 2798		581 1003	2067	1653radio jet				
0801+303 R	4C 30.13 B2 VR30.08.01 OJ 302	8 1 34.90 30 21 10.9 8 4 42.16 30 12 38.1	18.5				1.446	C IV 1549 C III 1909		033 032	462 774 800	831sp, 1320rpol, 113fc				
0801+581 O	SBS 8 1 48.0 58 11 0	8 5 53.80 58 2 24.6	16.5				0.440	Mg II 2798		2238 2237						
0802+103 R X	3CR 191 4C 10.25 PKS OJ 103.3 DA 243 NRAO 279	8 2 3.76 10 23 56.3 8 4 47.96 10 15 22.4	18.19*	.25	-.84	1.956*	H I 1216 C IV 1549 He II 1640 C III 1909	1.9499 1.9453 1.3547	008 119 506 117 1902 462 118 789 119 2049 882 120 2281 1585 1110	128 117 462 118 789 119 882 120 1585 1110	008ubv,1107, 1980x,1513elp, 1617ir, 1818pos,050, 505fc 1795rpol jet 1795rpol jet 2105rm jet 1902avg ph mag					
0804+761 C X R	PG 8 4 35.4 76 11 32	8 10 58.46 76 2 41.9	15.15				0.100	O III 4959 O III 5007		1117 1117	2011	1487,1980, 2112x,1598sp, 1729,2005ir, 2061uv 22.4 arcmin from gal A0805+76,1650; 0.100zgal near 1788; 24arcsec from anon gal, 0.100zgal,1788 2118; faint gals near,2118				
0804+499 R	OJ 508 S4 GC	8 4 58.3 49 59 23 8 8 39.57 49 50 36.5	17.5				1.43	C IV 1549 C III 1909 Mg II 2798		510 1443 1997	988 1152 1543 2060	1280,1526, 1862vlbi, 2103pol				

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				
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					
												1818					
0808+019	PKS	8 8 51.1	8 11 26.67	17.5 *	.38	-.64			045			1367		323,1485ubv,			
BL Lac	DW	1 55 50.3	1 46 51.4									1441		323pol,1008,			
R	OJ 014											1557		1086rvar,			
X														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,			
														2180spxt,			
														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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R	ABS	
0812+020	PKS R 4C 02.23 OJ 021 MSH 08+02	8 12 47.28 2 4 11.7	8 15 22.97 1 54 58.4	16.43*	.18	-.77	0.402*	Mg II 2798 O III 3133 Ne V 3345 Ne V 3426 O II 3727 Ne III 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		050 054 875 128 054	1068 775 1902 1093 1111 1804 1877 1888		551,761,1093, 1304sp,940ext, 1222elp, 1526vlbi, 079fc,1485ubv in cluster of gals,1839; z=0.3,gsl 6 attached to QSO,2272;anon gal near,0.40 zgal,2118; 1902avg ph mag		
0814+578	NGC 2549 C BSO 1	8 14 16 57 52 54	8 18 17.61 57 43 32.8	18.9			2.40			948 1421			6.83 arcmin from NGC 2549, 2.23 arcmin from anon gal 0.0263zgal, 2118		
0814+350	R	8 14 27.66 35 4 12.9	8 17 40.16 34 54 52.4	20.0			1.348			1446 1447					
0814+227	4C 22.20 R NRAO 287 OJ 225 3C 197 B2	8 14 38.15 22 46 38.6	8 17 35.05 22 37 17.9	18			0.98	C III 1909 Mg II 2798		033 032	128 462 774 775 800		831sp,202fc		
0814+425	OJ 425 S4	8 14 51.67 42 32 7.7	8 18 16.00 42 22 45.4	18.5			(0.258)			2121 2121					
0818-128	OJ 131 BL Lac R PKS	8 18 36.24 -12 49 24.9	8 20 57.44 -12 58 58.9	17.01*						655	655 837 858 1200 1895 1367 1902 1557 2054 1961 2073 2056		642,655,670, 1541,1626, 1988,2062pol, 781,1141ir, 1164mf, 1057xnd, 1526vlbi, 655sp,1789mm, 1902OVV,2112x 1902avg Bmag		
0819-032	PKS R	8 19 9.54 -3 13 38.8	8 21 40.13 -3 23 15.0	18.2			2.352	H I 1216 N V 1240 O I 1304 C II 1335 O IV 1402 C IV 1549 He II 1640 C III 1909		045 410	803		761,1304sp, 1320rppl, 1526vlbi		
0820+225	PKS R 4C 22.21 MG 0823+2223	8 20 28.57 22 32 44.7	8 23 24.81 22 23 3.1	19.2			0.951*	H I 1216 C IV 1549	2.0218	2121 2121b					
0820+121	H0830+026	8 20 37.24 12 9 27.8	8 23 22.62 11 59 46.0				1.695	Si IV 1397 C IV 1549		2279 2279					
0820+560	OJ 535 R 4CP56.16A	8 20 53.21 56 2 27.8	8 24 47.24 55 52 43.1	18.0			1.417	C IV 1549 C III 1909 Mg II 2798		009 1003 009 1521 508	534 1521		1526vlbi		
0821+621	4CP62.12B R	8 21 22.25 62 7 20.5	8 25 37.95 61 57 33.4	17.6			0.542	Mg II 2798 H I 4340		507 1288	1145 1166		538sp		
0821+103	H0830+008	8 21 27.41 10 22 45.1	8 24 11.01 10 13 0.4				2.170	H I 1216 Si IV 1397 C IV 1549		2279 2279					
0821-153	MC R PKS	8 21 29.06 -15 20 37.4	8 23 47.83 -15 30 21.6	19.3			1.345	C IV 1549 He II 1640 C III 1909 Mg II 2798 Ar IV 2854		1445 1445					

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

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

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	ABS		
0833+276	OJ 256	8 33 22	8 36 22.96				0.765	C III 1909 Mg II 2798			458		1520 1888		
R		27 39 19	27 28 52.3												
0833+585	S4	8 33 23.7	8 37 22.35	18			2.101	H I 1216 C IV 1549			510 1443		988 1152 1521	1526vlbi	
R	GC	58 35 29	58 25 0.6												
0833+446	US 1329	8 33 33.9	8 36 58.83	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	
C		44 36 29	44 26 1.0												
0834+096	H0830+073B	8 34 13.01	8 36 55.47				0.814	Mg II 2798			2279 2279				
		9 36 11.9	9 25 42.8												
0834-201	PKS	8 34 24.60	8 36 39.22	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	
R		-20 6 30.1	-20 16 59.1												
0834+096	H0830+073A	8 34 34.44	8 37 16.92				2.238	H I 1216 Si IV 1397 C IV 1549			2279 2279				
		9 37 45.5	9 27 15.2												
0834+250	OJ 259	8 34 42.34	8 37 40.27	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	
R	B2 GC	25 4 54.2	24 54 23.0												
0835+580	3CR 205	8 35 10.02	8 39 6.48	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			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 rgal,2118		
R	4C 58.16	58 4 51.8	57 54 17.5												
X	OJ 558														
	NRAO 298														
	DA 254														
0836+443	US 1420	8 36 11.4	8 39 35.33	17.46			1.473	C IV 1549 C III 1909			1001 1255			2137varnd, 2137Bmag	
C		44 18 51	44 8 14.1												
0836+195	4C 19.31	8 36 15.00	8 39 6.97	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	506 462 327 775 1635 789 2228 1145 2263	121ubv, 1320rpol, 1159vlbi, 1617ir, 1818 1813ir/r, 1513elp, 2099mm			
R	LB 384 OJ 160	19 32 24.6	19 21 48.4												
0836+710	4C 71.07	8 36 21.56	8 41 24.36	16.5			2.17				1443 996		1145 1338 1667 1793 1937	996,1862vlbi, 1789,1855mm, 2103pol,2133, 2174varnd radio jet 2074	
R	S5	71 4 22.1	70 53 41.9								1811				
0836+654	O	8 36 37.5	8 41 3.01	19.0			1.9	H I 1216			1439 1439				
		65 24 1	65 13 21.0												
0836+182	BL Lac R	8 36 40.10	8 39 30.72	16.8	*						476	970		476sp,996vlbi, 877pol,2112x, 2259imag	
		18 13 24.9	18 2 47.3												

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				
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 1216 N V 1240	2.469 2.4660	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 1216 C IV 1549	3.1430 2.9558	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 1397 O IV 1402 C IV 1549 C III 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 2798 He II 3203 Ne V 3345 Ne V 3426 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		086 954 099 023 054 256 775 334 290 2056 468 2006				099ubv,099, 877,1202pol, 1222,1797elp, 780,799,886, 1319,1530, 1617,2021ir, 868,1032, 2081sp,1183x, 868,940ext, 1320rpol,1700, 1884,1911, 2145imag, 1701uv,468fc, 1813ir/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 1549 C III 1909 Mg II 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 1909 Mg II 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 1397 O IV 1402 C IV 1549 C III 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 5007 H I 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 1397 C IV 1549		2279 2279			2279		
0838+770 C	PG	8 38 32.0 77 3 59	8 44 45.58 76 53 9.5	16.30					0.131	H I 4861 O III 4959 O III 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 1216 C IV 1549		1439 1439					

TABLE 1—Continued

	OTHER NAMES	RA		V	(B-V) (U-B)		Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)		(B-V)	(U-B)			ID	Z	VAR	R	ABS		
0838+456 C	US 1498	8 38 49.8 45 36 33	8 42 15.55 45 25 47.2	17.39				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				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				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				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				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				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				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	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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC	(1950)	DEC	(2000)						ID	Z	VAR	R	ABS		
0840+499	NGC 2639 C U3	8 40 55.50 49 59 55.9	8 44 29.42 49 49 2.9	19.1					1.522		545	545				1103pos 25.83 arcmin from NGC 2639, 5.03 arcmin from anon gal, 2118	
0841+495	NGC 2639 C U14	8 41 9.71 49 34 47.5	8 44 42.69 49 23 53.8	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	
0841+449	O	8 41 22.0 44 55 36	8 44 46.05 44 44 41.8	20.9					2.17	H I 1216	1387	1387				13 arcsec from anon gal,1387, 2118	
0841+450	O	8 41 23.3 45 5 54	8 44 47.64 44 54 59.7	20.4					2.03	C IV 1549 C III 1909	1387	1387					
0841+174	C	8 41 30.29 17 29 39.9	8 44 19.91 17 18 46.2	18.17*	.20	-1.10	(0.891)			C III 1909 Mg II 2798	737	573	737			737ubv	
0841+498	NGC 2639 C U5	8 41 38.12 49 50 48.2	8 45 11.56 49 39 52.9	18.3					(1.494)		545	545				1103pos 37 arcmin from NGC 2639,2118	
0841+129	BL Lac O R	8 41 38.9 12 56 43	8 44 24.20 12 45 48.9	18.5							2.51 2.5057 1.9385 1.9239	2234			2234		
0842-754	PKS R MC	8 42 11.47 -75 29 36.2	8 41 27.42 -75 40 26.6	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	
0842+448	O	8 42 14.9 44 53 36	8 45 38.72 44 42 38.9	21.4					2.36	C IV 1549 C III 1909	1387	1387					
0842+446	O	8 42 18.7 44 38 42	8 45 42.08 44 27 44.7	20.6					2.31	H I 1216	1387	1387					
0842+498	NGC 2639 C U7	8 42 21.85 49 49 23.9	8 45 55.07 49 38 26.2	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	
0842+345	CSO 203 C	8 42 30.5 34 31 54	8 45 38.81 34 20 56.5	17					2.126+	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909	1533	1992				1533BAL, 1992Bmag	
0842+449	O	8 42 34.6 44 56 54	8 45 58.45 44 45 55.8	19.1					2.30	C IV 1549 C III 1909	1387	1387				32 arcsec from spiral gal, 1387,2118	
0842+445	O	8 42 47.6 44 31 36	8 46 10.68 44 20 37.1	21.7					2.15	H I 1216	1387	1387					
0842+175	C	8 42 49.63 17 34 9.8	8 45 39.24 17 23 11.7	18.61*	-.10	-1.00	(0.270)			Mg II 2798	737	573	737			737ubv	
0842+445	O	8 42 56.8 44 32 48	8 46 19.89 44 21 48.6	21.1					1.87	C IV 1549 C III 1909	1387	1387					
0842+181	LB 8644 C	8 42 59.51 18 10 22.0	8 45 49.69 17 59 23.3	18.01*	.18	-.95	(1.470)			C IV 1549 C III 1909		573	737			573ubv	

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				
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,	
																1095spxt,	
																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								
								Ne III	3869								
								Ne III	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)	REFERENCES				NOTES
	DEC (1950)	DEC (2000)	DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
0846+513 BL Lac C R	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	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	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	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 Ne III 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	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	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	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	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	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	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	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 OJ 180 X R	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	737 789 1000 853 1872 1118 1818 1891			303,1485ubv, 873x,1242, 2251sp, 1513elp	
0848+120 C	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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS				
0848+163	LB 8775 C	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	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	B2 R 1E X	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	LB 6378 C	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	NGC 2683 C 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	NGC 2683 C 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	NGC 2683 C 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	LB 8798 C	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	LB 8796 C	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	1E X	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	1E X R	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	US 1867 C	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	1E X	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	3CR 208 R 4C 14.28 X PKS OJ 184 NRAO 301 DA 257 OTL	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		136 098 1068 1902	046 875 775 787 789 917 1235 1585 1804 1891 2013	136ubv, 1201pol,696, 912,1107x,050, 158,295fc, 324sp 1902avg ph mag				

TABLE 1—Continued

	OTHER NAMES	RA		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES	
		DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
0850+189 C	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 C	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 R S4 GC	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, 1862vlbi, 1003sp, 1843rpol 1795rpol jet superluminal 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 BL Lac R X GC PG	OJ 287 VR20.08.01	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	553 1516	323 723 882	837 882	1984	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 superluminal source, 1907
0851+197 C	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 C	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 C	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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)				NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R		ABS
0853+183	LB 8909 C	8 53 20.01 18 23 32.0	8 56 9.73 18 11 60.0	18.61*	.19	-.70	1.530	Si IV 1397 O IV 1402 C III 1909		573	737		573ubv
0853+515	NGC 2693 C UB 1	8 53 24.6 51 32 18	8 56 58.83 51 20 44.6	19.5			2.31			948			3.13 arcmin from NGC 2693, 92 kpc from NGC 2694,2118
0853+176	LB 8913 C	8 53 28.87 17 41 7.5	8 56 17.92 17 29 35.0	18.12*	.37	-.80	1.217	C IV 1549 C III 1909		573	737		573ubv
0854+144	LB 8938 C	8 54 2.57 14 24 55.6	8 56 48.61 14 13 21.4	17.61	.08	-.89	(0.335)	Mg II 2798		573			573ubv
0854+191	C	8 54 5.53 19 8 35.3	8 56 55.90 18 57 0.8	19.39*	-.30	-.70	(0.419)	Mg II 2798		737	573	737	737ubv
0854+193	OTL C LB 8948	8 54 15.78 19 20 29	8 57 6.33 19 8 54.0	17.4 *	.23	-.86	0.331	Mg II 2798 H I 4861 O III 5007		030	737		040ubv,853rnd, 873xnd
0854+191	LB 8956 C R	8 54 36.54 19 7 0.5	8 57 26.85 18 55 24.4	17.6 *	-.20	-.60	1.896*	H I 1216 1.8550 N V 1240 1.8424 Si IV 1397 1.7367 O IV 1402 1.7323 C IV 1549 1.6916 1.4754 1.354 1.3019 1.2954 0.2711	1872 737 853 560 030 1068 1118 1635				135ubv,873xnd, 2251sp
0854+161	LB 8960 C	8 54 45.55 16 11 53.5	8 57 33.16 16 0 17.0	17.20*	.29	-.74	0.828	C III 1909 Mg II 2798		573	737		573ubv
0854+165	O	8 54 59.37 16 32 36.6	8 57 47.28 16 20 59.4	18.5			2.540+	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1440	1440		1440BAL?
0855+539	NGC 2701 C UB 1	8 55 26 53 57 46	8 59 5.20 53 46 6.1	19.4			0.243			948			7 arcmin from NGC 2701, 1.83 arcmin from anon gal,2118
0855+188	LB 8991 C	8 55 40.17 18 48 48.4	8 58 30.12 18 37 9.0	17.3 *	-.20	-.80	1.013	C III 1909 Mg II 2798		030	737	1068	135ubv,853rnd, 873xnd
0855-196	PKS R	8 55 48.73 -19 38 58.1	8 58 5.30 -19 50 37.2	18.7			0.659*	Mg II 2798 Ne V 3426 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	0.6463	057	1861	1861 1861 2056 2263	310pos
0855+143	3CR 212 R 4C 14.30 X PKS NRAO 310 OJ 193.1	8 55 55.56 14 21 24.3	8 58 41.45 14 9 44.2	19.06	.90	-.30	1.048	C III 1909 C II 2326 Mg II 2798		064	137	787 870 917 1167 1804 1891 2013 2085	900,1201pol, 1159,1526vlbi, 1356x,059ubv, 050,137fc IRAS source, 1806
0855+183	O	8 55 59.70 18 21 51.0	8 58 49.22 18 10 10.6	19.0			2.619	H I 1216 C IV 1549		1440	1440		
0856+468	US 2068 C	8 56 0.0 46 49 2	8 59 24.40 46 37 20.7	16.97			0.924	C III 1909 Mg II 2798		1001	1255		2137Bmag, 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 C	8 56 0.72 18 37 45.1	8 58 50.48 18 26 4.6	18.3 *	-.10	-.40	1.711	H I 1216 O IV 1402 C IV 1549 C III 1909				030	737		560	135subv,853rnd, 873xnd	
0856+170	4C 17.46 C LB 9013 R OJ 195	8 56 4.09 17 3 9.1	8 58 52.40 16 51 28.5	17.4 *	.27	-.90	1.454*	C IV 1549 C III 1909 Mg II 2798	1.4639 1.3836	133	133	506 737 1068 1901	462 775 789 853 1118 1586	133 560 1635 2228 2263	121,436, 1485subv		
0856+156	LB 9024 C	8 56 23.89 15 39 12.0	8 59 10.91 15 27 30.4	18.78*			0.424	Mg II 2798 Ne V 3426				573	737				
0856+172	O	8 56 29.58 17 14 1.1	8 59 18.03 17 2 19.2	19.0			2.311*	N V 1240 Si IV 1397 C IV 1549 C III 1909 Mg II 2798	2.32 2.3	1227	1227		1213 1227	1479sp,1208, 1227,1514BAL z(abs) 2.29- 2.07,1514			
0856+189	LB 9029 C	8 56 37.45 18 55 32.2	8 59 27.44 18 43 49.8	17.7 *	-.10	-.30	1.286	C IV 1549 C III 1909 Mg II 2798				030	737 1068		135subv,853rnd, 873xnd		
0856+124	MC 5 R	8 56 49.55 12 28 17.1	8 59 33.74 12 16 34.2	18			1.770*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909	1.1415			027 2049 2281	1818 1891 1976	2049 2263	1818pos		
0856+179	LB 9040 C	8 56 53.68 17 57 30.3	8 59 42.76 17 45 47.1	18.28*	.14	-1.03	1.403	O IV 1402 C IV 1549 C III 1909				573	737		573subv		
0858-279	PKS R	8 58 30.9 -27 56 33	9 0 39.44 -28 8 20.3	17			(1.14)	Mg II 2798				2151	2151	011	radio pos, QSO is 3 arcsec N, 2151		
0858-771	PKS R	8 58 38.99 -77 7 48.6	8 57 42.64 -77 19 31.7	17.57	.20	-.68	0.489	Mg II 2798 Ne V 3426 O II 3727 Ne III 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007				495	1304	023 386 2056	761,2151sp, 1485subv, 1707pos, 1707fc, 2151sy1, 2145imag		
0858+179	LB 9115 C	8 58 57.01 17 57 41.9	9 1 45.96 17 45 52.3	18.83*	.07	-.97	1.896	H I 1216 N V 1240 C IV 1549				573	737		573subv		
0859+470	4C 47.29 R OJ 499	8 59 40.13 47 2 56.6	9 3 4.13 46 51 4.0	18.7			1.462	C IV 1549 He II 1640 N III 1750 C III 1909 C II 2326				507	580	945 988 993 1111 1145 1152 1338 1543 1976 2060	865pos,510fc, 1003sp,1280, 1526,1862vlbi, 1789mm, 2103pol		
0859+176	LB 9147 C	8 59 42 17 40 0	9 2 30.63 17 28 8.1	19.03*			1.407	O IV 1402 C IV 1549 C III 1909				573	737				
0859-140	PKS R OJ 199 MSH 09-11	8 59 54.97 -14 3 38.9	9 2 16.86 -14 15 30.9	16.59	.20	-.85	1.339	C IV 1549 He II 1640 C III 1909 Mg II 2798				079	101 2281	023 128 1557 1792 1937 1976 2056	059,1485subv, 1202,2103pol, 780,1983ir, 801rvar,847, 1810pos,1304, 2251sp,057fc, 1466,1526vlbi, 1352spvar, 1789mm		

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		
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				135subv,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		011 501 2056		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	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		008 102 506 462 030 737 775 1068 789 853 916 1111 1476 1545 1888 1891 2013				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 1216 Si IV 1397 O IV 1402 C IV 1549		1437 1437					

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS		
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 Ne III 3869 O III 4959 O III 5007	014	137	323	787	014,063, 323ubv,323, 900,2103pol, 1280,1526, 1862vlbi, 1356x,1649mf, 158,295fc, 1804 1807 1852phot superluminal source,1890 2000 2013	
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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
0907+072	NGC 2775	9 7 40	9 10 19.43	18.8			1.442	C IV 1549 H α II 1640 O III 1663 N III 1750 C III 1909	1065	1065					11.02 arcmin from NGC 2775, 2.02 arcmin from anon gal, 2118
C	U1	7 14 30	7 2 14.2												
0907+381	UT	9 7 45.0	9 10 54.23	18			2.16	H I 1216 C IV 1549 C III 1909	1437	1437					
R		38 11 30	37 59 13.4												
0908+201	UT	9 8 43.1	9 11 33.33	18.0			1.61	H I 1216 C IV 1549 C III 1909	1437	1437					
R		20 10 33	19 58 13.9												
0910+392	B3	9 10 39.5	9 13 49.58	19.0			0.638	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4102 H I 4340	1990	2270					
R		39 14 36	39 2 10.8												
0910+564	PC	9 10 57.3	9 14 37.87	20.95			4.040+	O VI 1034 H I 1216 N V 1240 Si II 1307 O IV 1402 C IV 1549	1726	1726					1726rmaq, 2014sp, 2014fc z=4.036 Ly alpha abs, 2014
O		56 25 49	56 13 22.2												
0911+053	4C 05.38	9 11 24.00	9 14 1.83	17.43	.17	-.95	0.303	Mg II 2798 O III 4959 O III 5007	124	121	506	775			121ubv, 1884imag faint gals near, 2118
R	OK 019	5 20 17.0	5 7 50.3									789	1476		
0911+402	NGC 2782	9 11 34.9	9 14 46.14	19.0	-.10		0.936	C III 1909 Mg II 2798 Mg V 2931 Ne V 2974	1065	1065					1314x 8.8arcmin from NGC 2782, 3 arcmin from UGC 4872, 1314, 2118
C	U1	40 15 34	40 3 6.1						1314						
X															
0912+297	OK 222	9 12 53.50	9 15 52.41	16	*	.37	-.73		138		660	790			323, 648ubv, 323pol, 1086rvar, 1012, 1141, 1144ir, 749pos, 1389phot, 009sp, 1576mf, 1526vlbi, 1679uv, 2112x, 2259imag
BL Lac	R B2	29 45 55.5	29 33 24.0						322		721	837			
									659		970	1367			
											2054	1794			
0913+072		9 13 34.60	9 16 13.87	17.1			2.785*	O VI 1034 H I 1216 N V 1240	2.1460	1440	1872			1872	damped Ly alpha, 2243; Ly limit abs, 2247
O		7 15 0.5	7 2 27.5						2.0637	1440				2263	
									2.0440						
									2.0002						
0913+391	B3	9 13 39.5	9 16 48.89	18.5			1.25	C III 1909 Mg II 2798	1990	2270					
R		39 7 2	38 54 28.1							1943					
0913+391	4C 38.28	9 13 39.55	9 16 48.94	20			1.269	Mg II 2798	1380	1943		1271			1380rmaq
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 C III 1909	026	436		789			
R	4C 02.38	-2 32 2	-2 44 35.6										1877		
0915-213	PKS	9 15 10.40	9 17 26.98	17.5			0.847	C III 1909 Mg II 2798 Ne V 3426	412	501		011			761, 1304sp, 1526vlbi
R		-21 18 56.3	-21 31 33.5						1898			2056			
0916+513	UB 3	9 16 31	9 19 58.65	16.5			0.553		948	948					21.4 arcmin from NGC 2841, 3.7 arcmin from UGC 4932, 1650, 2118; 2152strong FeIIem
C		51 19 0	51 6 17.5												
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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)				NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R		ABS
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 C IV 1549	510 1443		1521 2162		1526vlbi, 1789mm
	R	44 54 39	44 41 53.4										
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 from NGC 2841, 25 arcmin from UGC 4932,2118
	C UB 5	51 11 18	50 58 29.7										
0918+511	NGC 2841	9 18 34.5	9 22 1.34	18.7			0.120		948 948				26.9 arcmin from NGC 2841, 3.33 arcmin from UGC 4932, 2118
	C UB 2	51 11 18	50 58 29.7										
0918+511	NGC 2841	9 18 34.5	9 22 1.34	18.5			2.028		948 948				21.4 arcmin from NGC 2841, 6.78 arcmin from UGC 4932, 2118
	C UB 1	51 11 18	50 58 29.7										
0918+381	B3	9 18 37.3	9 21 44.57	18.8			1.108	Mg II 2798 Ne V 3426	1990 2270				
	R	38 6 40	37 53 52.0										
0919-260	PKS	9 19 16.67	9 21 29.33	18.41	.28	-.53	2.30	LYB 1026 O VI 1034 H I 1216 N V 1240 Si II 1263 Si IV 1397 O IV 1402 C IV 1549 C III 1909	011 501		011 2056		761,1304sp, 1125ir, 1485ubv, 1526vlbi, 1789mm, 1810pos, 2103pol
	R OK 232	-26 5 53.5	-26 18 42.3										
0919+515		9 19 19.6	9 22 46.93	17.9	-.30		0.161		1265 1265				1265ubv, 1209ext, 1910sp
	X	51 33 30	51 20 39.6										
0919+218	4C 21.25	9 19 53.07	9 22 43.81	18.5			1.421	C IV 1549 C III 1909	033 032		462 774 800 1111 2092		831sp, 1320rpol
	R VR21.09.02 OK 233 PKS B2	21 49 33.5	21 36 42.3										
0920+580	SBS 2	9 20 0	9 23 41.51	17.5			1.376	C IV 1549 C III 1909	1285 1285				
	O	58 0 0	57 47 7.4										
0920-397	PKS	9 20 48.22	9 22 46.41	18.8			0.591+	Mg II 2798 H I 3889 He 3970 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007	1876 1861		1861 1861		
	R	-39 46 42.3	-39 59 35.0										
0920+313	B2	9 20 48.45	9 23 47.93	18			0.892	C III 1909 Mg II 2798	100 009		389 790 1794 1888 2056		790pos,113, 138fc
	R	31 20 49.2	31 7 55.3						100				
0921+348	NGC 2859	9 21 31.7	9 24 34.80	19.2			0.23		643 643				873xnd 285 arcsec from Q0921+ 348;1.0 arcmin from anon gal, 0.006zgal,9.57 arcmin from NGC 2859,2118; x-ray object (below)
	C U1	34 53 29	34 40 33.0										

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	ABS		
0921+344	NGC 2859 C U3	9 21 51.6 34 29 45	9 24 54.22 34 16 48.1	20.3			1.46			643	643			873xnd 1.22 arcmin from anon gal, 0.006zgal, 24 arcmin from NGC 2859,2118
0921+348	X	9 21 52.0 34 51 11	9 24 55.00 34 38 14.1	18.6			0.487			1455	1455			1455x,1616rnd 9.93 arcmin from NGC 2859, 2118
0921+348	NGC 2859 C U2	9 21 54.8 34 52 49	9 24 57.82 34 39 52.0	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)
0922+149	PKS R 4C 14.31 OK 136	9 22 22.41 14 57 23.2	9 25 7.32 14 44 25.2	17.38*	.54	-.52	0.896	C III 1909 Ne IV 2424 Mg II 2798		047	102 506 085 1068 436 1902 437	462 775 789 1476 1804 1891		047ubv, 1320rpol, 050fc 1902avg ph mag
0922+005	PKS R OK 037	9 22 33.72 0 32 12.4	9 25 7.79 0 19 14.1	18.07	-.21	-.78	1.72	H I 1216 C IV 1549 C III 1909		083	083 436	128 789		083ubv,1032, 1181sp, 1526vlbi, 1810pos
0923+201	PG C TON 1057 X	9 23 5.8 20 7 7	9 25 54.82 19 54 7.0	16.04			0.190	H I 4340 O III 5007		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
0923+392	4C 39.25 R DA 267 X OK 340 B2	9 23 55.30 39 15 23.5	9 27 3.00 39 2 20.9	17.86*	.06	-.31	0.699	C III 1909 Mg II 2798 Ar IV 2854 Ne V 3426		139	102 1201 101 2054	128 462 774 800 801 848 898 988 993 1128 1145 1152 1212 1340 1543 1544 1557 1691 1721 1771 1804 1807 1930 2060 2070 2085		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;
0924+301		9 24 24.8 30 7 18	9 27 22.58 29 54 14.2	21			2.02 *		1.95	679	547		547	8.0arcmin from gal B2,2118

TABLE 1—Continued

	OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS		
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 NeIII 3869 He 3970 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007	011 1898	500	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 2049 2281	121	506	462 789 1818 1891	121ubv, 1320rpol, 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	1320rpol		
0927-257 R	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 R	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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
0931+437	US 737 C PG	9 31 50.7 43 44 36	9 35 2.45 43 31 12.1	16.32			0.456	Mg II 2798 H I 4340	995	1255				1260,1688imag, 1729,2005ir, 2137varnd, 2137Bmag faint gals near,2118	
0931+485	R	9 31 52.0 48 32 0	9 35 10.66 48 18 35.9	17.17	.16	-.55	0.223		1124	1124				1124ubv	
0932+219	NGC 2916 C UB 5	9 32 7.8 21 55 48	9 34 57.50 21 42 23.8	19.1			0.732		948	948				12.43 arcmin from NGC 2916, 2118	
0932+219	NGC 2916 C UB 4	9 32 7.8 21 55 48	9 34 57.50 21 42 23.8	19.3			1.868		948	948				9.77 arcmin from NGC 2916, 2118	
0932+219	NGC 2916 C UB 3	9 32 7.8 21 55 48	9 34 57.50 21 42 23.8	18.2			1.279		948	948				20.57 arcmin from NGC 2916, 2118	
0932+219	NGC 2916 C UB 2	9 32 7.8 21 55 48	9 34 57.50 21 42 23.8	17.6			0.793		948	948				6.17 arcmin from NGC 2916, 2118	
0932+219	NGC 2916 C UB 1	9 32 7.8 21 55 48	9 34 57.50 21 42 23.8	19.2			0.238		948	948				3.6arcmin from NGC 2916,2118	
0932+367	UT R	9 32 28.6 36 46 42	9 35 31.93 36 33 16.6	18.5			2.84	O VI 1034 H I 1216	1437	1437					
0932+501	O	9 32 30 50 6 42	9 35 51.05 49 53 16.2	17.39	.16	-.59	1.92	* H I 1216 1.846 N V 1240 1.815 Si IV 1397 1.779 C IV 1549 1.76 C III 1909 1.738	738	738			738 738,1124ubv, 1110 1187,2251sp, 1187 1213rnd,1187, 2228 1208,1514BAL z(abs) 1.85- 1.74,738		
0932+022	PKS R 4C 02.27 OK 055	9 32 42.93 2 17 39.6	9 35 18.20 2 4 14.1	17.39	.13	-.45	0.659+	C III 1909 Mg II 2798	083	083	128	083	083ubv,1159, 1526vlbi, 1320rpol		
											436		775 789 1111 1476 1888		
0933+733	O	9 33 0 73 18 0	9 37 44.16 73 4 31.2	17			2.528*	LYB 1026 2.506 O VI 1034 2.333 H I 1216 N V 1240 O I 1304 C II 1335 Si IV 1397 O IV 1402 C IV 1549 O III 1663 C III 1909	532	708			708 1122,2251sp 2228 2263		
0934+546	SBS O	9 34 46.4 54 41 50.0	9 38 15.19 54 28 18.2	18.0			0.100	O II 3727 NeIII 3869 H I 3889 NeIII 3968 He 3970 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007	2192	1285					
0934+452	US 784 C	9 34 56.4 45 17 52	9 38 9.53 45 4 20.1	17.82			1.544		995	1492					
0935-199	J01.09	9 35 12.8 -19 58 48	9 37 32.22 -20 12 19.7	18.9			2.21		2277	2277					
0935+424	US 792 C	9 35 25.3 42 28 31	9 38 34.64 42 14 57.9	17.58			0.380	Mg II 2798 H I 4102 H I 4340 H I 4861	995	1255				2137Bmag, 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		ABS
0935+501	SBS O	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	PG C	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	US 795 C	9 35 47.3 43 2 4	9 38 57.26 42 48 30.0	18.83		2.044			995	1492			
0936+518	SBS O	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	SBS O	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	SBS O	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	CSO 233 O	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	PG C	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	SBS O	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	1E X	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	SBS O	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	SBS O	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	4C 39.27 R 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	US 842 C	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)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
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 from NGC 2958, 2118
	O	12 5 58	11 52 17.9				C IV 1549									
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 from NGC 2983, 2118
	R	-20 5 44.4	-20 19 31.9				H I 4861									
							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 NAMES	RA		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
0943+498	SBS O	9 43 42.0 49 49 0	9 46 59.41 49 35 6.2	19.5			1.810+	SiIVb 1400 C IV 1549 O III 1663 N III 1750 C III 1909		2239 2237				
0944+440	US 969 C	9 44 26.7 44 5 45	9 47 36.02 43 51 49.5	18.48			1.695			995 1492				
0944+540	SBS 3 O	9 44 30 54 3 0	9 47 54.30 53 49 4.1	17.0			0.492	Mg II 2798 NeIII 3869		1285 1285 2240				
0945+114	MC 5 R	9 45 4.76 11 27 51.0	9 47 45.89 11 13 54.5	18			1.76	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		027	1818		1818pos	
0945+436	US 987 C	9 45 27.4 43 37 0	9 48 35.90 43 23 2.1	17.78			1.892	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		995 1255 1492			2137Bmag, 2137varnd	
0945+549	SBS O	9 45 41.6 54 59 10	9 49 7.26 54 45 11.2	18			1.369	C IV 1549 C III 1909		2192 2240				
0945+408	4C 40.24 R DA 273 VR40.09.02 OK 476	9 45 50.05 40 53 42.8	9 48 55.31 40 39 44.1	17.5			1.252	C IV 1549 C III 1909 Mg II 2798		110 009 509	534 945 988 1152 1338 1557 1792		865pos,1003sp, 1280,1526, 1862vlbi	
0945+438	US 995 C	9 45 50.8 43 49 19	9 48 59.46 43 35 20.2	16.34			0.226	H I 4340 H I 4861 O III 4959 O III 5007		995 1255 1492			2137Bmag, 2137varnd	
0945-321	PKS R	9 45 58.90 -32 9 48.2	9 48 9.52 -32 23 46.5	18.3			2.14	H I 1216 N V 1240 C IV 1549		1861 1861	1861		ref 420 incorrect id, 1861	
0946+501	SBS O	9 46 12.0 50 9 0	9 49 29.20 49 55 0.2	19			1.223	C IV 1549 C III 1909 Mg II 2798		2239 2237				
0946-197	MC R	9 46 45.24 -19 43 10.4	9 49 5.86 -19 57 10.7	17.5			0.519	Mg II 2798 H I 4102 H I 4340 H I 4861		1445 1445			1445FeIIem	
0946+301	PG C CSO 19	9 46 46.3 30 9 19	9 49 41.06 29 55 18.2	16.00			1.216*	C IV 1549 C III 1909 Mg II 2798		1117 1117 1370 1369			1598,2251sp, 1729,2005ir, 1688imag,1941, 2061uv,2112x, 1331BAL faint gals near,2118	
0947+496	SBS O	9 47 0.0 49 36 0	9 50 16.14 49 21 58.3	18.5			1.342+	C IV 1549 He II 1640 N III 1750 C III 1909		2239 2237				
0947+433	US 1016 C	9 47 7.1 43 23 8	9 50 14.94 43 9 6.2	18.9 *			0.363	Mg II 2798 H I 4340 H I 4861		995 1116 1116 1492				
0947+458	US 1023 C	9 47 30.1 45 49 15	9 50 40.86 45 35 12.2	17.41			1.038	C III 1909 Mg II 2798		995 1255 1492			2137Bmag, 2137varnd	
0947+482		9 47 32.0 48 15 0	9 50 46.03 48 0 57.1	17.65	-.08	-.79	1.737			1124 1124			1124ubv	

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	ABS		
0947+396	PG C K 347-45 R	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	CSO 21 O	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	SBS O	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	US 1041 C	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	SBS O	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	US 1053 C	9 49 15.1 44 25 42	9 52 23.69 44 11 35.2	18.25			0.617		995	1492					
0949+363	UT R	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	SBS O	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	1E X	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	SBS O	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	NGC 3034 C 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	SBS O	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	AO R 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	054 005 2281	128 560 1635 2228 2263	059ubv,749pos, 761,2251sp, 1526vlbi, 2080imag faint gals near,2118		
0952+097	4C 09.35 R 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		V	(B-V) (U-B)		Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
0952+441	US 1101 C	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 C	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 C TON 1125	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 R OK 388 B2	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 O	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 O	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 O	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 O	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 O	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 O	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 O	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 1832 2189 2263	2251sp, 2174varnd		
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	150 253 305 756 875 1068 1902	775 816 955 1888 2085	305subv,1201, 2103pol,936, 1336rvar, 749pos,955x, 1526vlbi 1902avg ph mag		

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	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	144	005 133 485 290 920 1068 1142 1895 2054	212 247 248 774 790 1937 2060	128 462 2148 2228 2263	485 560 2148 2148 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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS				
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 1440 1874 2281	1685 1440 1874 2228 2243 2263			1685 1874 2228 2125,2247	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 1898 437 1902	102 085 1068 775 1510	775 1510 2228 2263	047ubv, 1201pol, 1320rpol, 1526vlbi,050, 295fc 1888 1891	047ubv, 1201pol, 1320rpol, 1526vlbi,050, 295fc 1888 1891	
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 2192 2240	1285 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 2281	537 962 1006 814 844 1126 864 953 1458 889 1969 1607 890 2228 2164 894 2263 2174 902 1167 1257 1363 1364	537 877 1190 836 836 844 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	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)		REFERENCES				NOTES
	DEC	(1950)		DEC	(2000)							ID	Z	VAR	R	ABS		
0957+561 B R	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	537	537	947	770	537	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	1122sp 2228 2263			
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 MKN 132 C	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	146	1872			145	148ubv,704, 1202pol,799, 1617ir,474, 592 592,2251sp, 1513elp, 1872 1941uv 1873 45 arcmin from 1969 NGC 3079,2118 2228 2263			
0959+105 MC 5 R	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		1818	560	1818pos 1635			
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 PKS R X	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		103		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 TON 28 C PG	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			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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC	(1950)	DEC	(2000)							ID	Z	VAR	R		ABS
1001+054	PG C	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	4C 22.26 R OL 205 PKS B2	10 1 58.53 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	M00.02 O	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	PKS R X	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	PKS R	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	PKS R 4C 13.41 X OL 107.7 PG MC	10 4 45.05 13 3 37.1	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	051 051 462 083 080 775 334 252 789 436 254 1167 1260 258 1170 290 1171 492 1476 506 2011 875 1068 1142 1902	051 462 080 775 252 789 254 1167 258 1170 1171 1476 2011 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	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	OL 108.1 R PKS GC	10 4 59.82 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		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				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 1521 2060	831,1181sp, 1526vlbi,113, 443fc		

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

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				
1012+008	PG C R	10 12 20.78 0 48 33	10 14 54.89 0 33 37.0	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	
1012-021	O	10 12 33.91 -2 6 21.3	10 15 6.50 -2 21 17.7	18.5				2.135		2183	2183				2183B(J)mag	
1012+736	NGC 3147 C U1	10 12 39 73 39 0	10 16 52.84 73 24 2.0	19.0				1.055	C III 1909 Mg II 2798	1065	1065				30 arcmin from NGC 3147, 1.0 arcmin from anon gal,2118	
1012+022	PKS R 4C 02.30	10 12 40.77 2 13 48.5	10 15 15.62 1 58 51.8	17.8				1.374	C IV 1549 C III 1909	026 2183	436 748 2183	789			1032sp	
1012+488	4C 48.28 R OL 422	10 12 50.00 48 52 57.9	10 15 57.63 48 38 0.6	19				0.385	Mg II 2798 Mg V 2931 O III 3133 H I 4861 O III 4959 O III 5007	153	133	775 1111 1888				
1013-018	O	10 13 6.41 -1 49 2.5	10 15 39.16 -2 3 60.0	18.2				0.760		2183	2183				2183B(J)mag	
1013+014	O	10 13 22.61 1 24 10.7	10 15 57.03 1 9 12.7	16.6				0.779		2183	2183				2183B(J)mag	
1013-003	O	10 13 22.75 -0 20 7.9	10 15 56.27 -0 35 5.9	18.6				1.787		2183	2183				2183B(J)mag	
1013-020	O	10 13 34.94 -2 0 40.2	10 16 7.59 -2 15 38.6	18.5				0.977		2183	2183				2183B(J)mag, 2183neml	
1013-013	O	10 13 48.49 -1 21 58.5	10 16 21.48 -1 36 57.3	18.4				0.617		2183	2183				2183B(J)mag	
1014+003	O	10 14 2.05 0 23 49.3	10 16 35.94 0 8 50.0	18.2				2.292		2183	2183				2183B(J)mag, 2183neml	
1014+001	O	10 14 24.86 0 7 50.4	10 16 58.62 -0 7 9.6	18.5				0.337		2183	2183				2183B(J)mag	
1015+277	B2 R 4C 27.21 CTD 66 NRAO 351 OL 227 3C 240	10 15 0.42 27 47 5.6	10 17 49.46 27 32 4.3	17.5				0.469	Mg II 2798 O II 3727 NeIII 3869 H I 4340	138	009	790 1790 1888 2085			687fc	
1015-205	J03.13	10 15 1.0 -20 31 44	10 17 23.74 -20 46 45.1	17.08				2.80		2277	2277					
1015+017	O	10 15 7.77 1 47 17.5	10 17 42.37 1 32 16.1	18.3				1.455		2183	2183				2183B(J)mag	
1015+359	OL 326 R B2 S4 CSO 257	10 15 15.9 35 57 39	10 18 10.66 35 42 37.2	19				1.226	C IV 1549 C III 1909 Mg II 2798	458 458 1443	076	1521			510fc, 1526vlbi	
1015+416	NGC 3184 C UB 4	10 15 16.8 41 40 0	10 18 16.32 41 24 58.1	18.1				2.029		948	948				15 arcmin from NGC 3184, 4.6 arcmin from anon gal,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			
1015+416	NGC 3184 C UB 3	10 15 16.8 41 40 0	10 18 16.32 41 24 58.1	19.1				(0.92)			948	948			9.73 arcmin from NGC 3184, 5.65 arcmin from anon gal, 2118	
1015+416	NGC 3184 C UB 1	10 15 16.8 41 40 0	10 18 16.32 41 24 58.1	17.7				0.152			948	948			4.73 arcmin from NGC 3184, 13.28 arcmin from anon gal, 2118	
1015+383	UT R	10 15 28.4 38 20 25	10 18 25.01 38 5 22.8	18				0.38	H I 4340 H I 4861 O III 4959 O III 5007		1437	1437				
1015-013	O	10 15 37.98 -1 21 0.4	10 18 10.99 -1 36 2.7	18.4				0.319			2183	2183			2183B(J)mag	
1015-003	O	10 15 47.34 -0 19 30.3	10 18 20.87 -0 34 32.9	18.4				1.508			2183	2183			2183B(J)mag	
1015-214	J03.14	10 15 59.3 -21 24 53	10 18 21.62 -21 39 55.9	17.95				2.47			2277	2277				
1016+018	O	10 16 24.64 1 52 34.1	10 18 59.28 1 37 30.3	18.4				0.916			2183	2183			2183B(J)mag	
1016-006	O	10 16 26.59 -0 39 17.4	10 18 59.95 -0 54 21.3	18.7				2.176			2183	2183			2183B(J)mag, 2183neml	
1016+359	CSO 259 C	10 16 27.2 35 55 42	10 19 21.71 35 40 37.9	17				1.552	C IV 1549 C III 1909 Mg II 2798		1883	1992			1992Bmag 45 arcsec from anon gal, 0.055 xgal, 2118	
1016-028	O	10 16 28.55 -2 48 47.3	10 19 0.82 -3 3 51.2	18.5				0.717+			2183	2183	2183		2183B(J)mag, 2183neml	
1016+021	O	10 16 36.56 2 8 57.7	10 19 11.33 1 53 53.5	18.5				0.19			2183	2183			2183B(J)mag	
1016+359	CSO 261 C	10 16 53.6 35 56 54	10 19 48.05 35 41 49.1	17				2.67	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1533				1992Bmag	
1017+280	TON 34 C	10 17 6 28 1 0	10 19 54.90 27 45 54.8	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 476 2281	1872 1000 1872 1000sp 2228 5.23 arcmin 2263 from NGC 3204, 2118					
1017-001	O	10 17 23.13 -0 9 5.5	10 19 56.75 -0 24 11.1	17.5				1.127			2183	2183			2183B(J)mag	
1017+109	O	10 17 30.85 10 55 8.1	10 20 10.04 10 40 2.2	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 1440 2281	1874 1874BAL 2228 Ly limit abs, 2263 z=3.048, 1874, 2125, 2247					
1017-426	MC R	10 17 56.46 -42 36 24.1	10 20 3.89 -42 51 30.6	18.9				1.280	He II 1640 C III 1909 Mg II 2798		1445	1445	387 2056			
1018+201	1E X	10 18 9.8 20 10 34.3	10 20 53.90 19 55 27.1	18.54				0.250	H I 4102 H I 4340 H I 4861		1233	1233			1233FeIIem	
1018+348	OL 331 R GV 081 B2 GC TON 1208 CSO 263	10 18 24.10 34 52 29.4	10 21 17.46 34 37 21.7	17.75	.24	-.92	1.404		Si IV 1397 O IV 1402 C IV 1549 C III 1909		113 443 1446 748 1447	1512			831, 1181sp, 1526vlbi, 1865phot	

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	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)	DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
1022+008		10 22 32.19	10 25 6.29	18.4					0.986		2183	2183				2183B(J)mag	
O		0 51 6.7	0 35 51.6														
1023-014		10 23 3.90	10 25 36.93	17.2					0.15		2183	2183				2183B(J)mag	
O		-1 24 45.4	-1 40 1.4														
1023-006		10 23 8.98	10 25 42.36	18.6					1.763		2183	2183				2183B(J)mag	
O		-0 40 29.3	-0 55 45.4														
1023-015		10 23 27.07	10 26 0.02	18.6					0.738		2183	2183				2183B(J)mag	
O		-1 35 3.4	-1 50 20.1														
1023-214	J03.16	10 23 31.6	10 25 54.70	18.69					2.5		2277	2277					
		-21 25 0	-21 40 16.8														
1023+067	4C 06.40	10 23 55.15	10 26 32.00	18.54	.54	-.55	1.707	H I 1216 1.7161	124 121	506	775 1747	912xnd,					
R	3C 243	6 42 50.7	6 27 33.2					C IV 1549 1.7077	2049		789 1749	1320rpol,					
	PKS							C III 1909 1.6295	2281		1804 2049	307fc,121ubv					
	OL 040							Mg II 2798			1818 2263	1795rpol jet					
	NRAO 355										1891						
1024+005		10 24 3.01	10 26 36.95	18.6					2.166		2183	2183				2183B(J)mag	
O		0 30 46.4	0 15 28.7														
1024-009		10 24 50.77	10 27 24.02	18.5					1.267		2183	2183				2183B(J)mag	
O		-0 57 43.0	-1 13 2.1														
1024-012		10 24 57.05	10 27 30.16	18.2					0.322		2183	2183				2183B(J)mag	
O		-1 16 2.3	-1 31 21.6														
1025+023		10 25 10.65	10 27 45.42	18.6					0.745		2183	2183				2183B(J)mag	
O		2 18 45.8	2 3 26.1														
1025+007		10 25 19.81	10 27 53.86	18.6					1.129		2183	2183				2183B(J)mag	
O		0 46 13.7	0 30 53.7														
1025-027		10 25 38.60	10 28 11.02	17.7					1.283		2183	2183				2183B(J)mag	
O		-2 45 54.2	-3 1 14.7														
1025+017		10 25 41.47	10 28 15.98	18.4					1.055		2183	2183				2183B(J)mag	
O		1 45 25.3	1 30 4.7														
1025-005		10 25 58.66	10 28 32.12	18.5					2.872		2183	2183				2183B(J)mag Ly limit abs, 2183	
O		-0 30 47.5	-0 46 8.6														
1026-007		10 26 1.67	10 28 35.02	18.5					1.438		2183	2183				2183B(J)mag	
O		-0 45 24.0	-1 0 45.2														
1026-007		10 26 3.69	10 28 37.04	18.4					1.520		2183	2183				2183B(J)mag	
O		-0 45 7.8	-1 0 29.0														
1026-017		10 26 24.32	10 28 57.22	17.1					0.217		2183	2183				2183B(J)mag	
O		-1 44 2.7	-1 59 24.5														
1027-198	J03.23	10 27 23.8	10 29 48.15	19.2					2.12		2277	2277					
		-19 48 25	-20 3 48.5														
1027-012		10 27 23.83	10 29 56.97	17.6					0.958		2183	2183				2183B(J)mag	
O		-1 14 14.7	-1 29 38.2														
1027-009		10 27 43.69	10 30 16.95	18.4					1.470		2183	2183				2183B(J)mag	
O		-0 58 9.5	-1 13 33.6														
1028+313	B2	10 28 9.79	10 30 59.08	16.71*	.36	-.75	0.177				322		1145			322ubv, 704,	
R	OL 347	31 18 20.6	31 2 55.7										1170			1202pol, 696,	
X													1171			912, 1359x,	
													1340			1018phot	
1029-014		10 29 16.49	10 31 49.55	18.4					2.029+		2183	2183				2183B(J)mag, 2183BAL	
O		-1 25 46.2	-1 41 12.9														
1030-008		10 30 3.59	10 32 36.92	16.9					1.264		2183	2183				2183B(J)mag	
O		-0 50 44.8	-1 6 12.8														
1030+415	VR10.41.03	10 30 7.56	10 33 3.47	18.2					1.12	C IV 1549	507 538		534			510fc, 865pos,	
R	GC	41 31 33.3	41 16 5.1							C III 1909			988			1526v1bi	
										Mg II 2798			1152				

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		
1030-357 R	PKS	10 30 -35 46	51.92 27.9	10 33 -36 1	7.55 57.1	18.5			1.455	C IV 1549 C III 1909 Mg II 2798	1898	1251				1526vlbi	
1031+028 O		10 31 2 48	3.3 6	10 33 2 32	38.22 36.4	18.62			2.172	H I 1216	2179	2179				2179B(J)mag	
1031+583 X	1E	10 31 58 22	7.6 24	10 34 58 6	21.45 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 5 52	10.7 7	10 33 5 36	46.96 37.2	18.87			1.667	C IV 1549	2179	2179				2179B(J)mag	
1031+036 O		10 31 3 41	25.4 26	10 34 3 25	0.70 55.8	18.91			2.341	H I 1216	2179	2179				2179B(J)mag	
1031+034 O		10 31 3 29	54.6 28	10 34 3 13	29.81 57.0	19.41			1.960	H I 1216	2179	2179				2179B(J)mag	
1031+147 R		10 31 14 45	57.12 17.1	10 34 14 29	37.32 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 6 52	58.4 0	10 34 6 36	35.07 28.9	19.20			1.484	C IV 1549	2179	2179				2179B(J)mag	
1032+072 O		10 32 7 16	14.5 53	10 34 7 1	51.34 21.5	19.05			1.241	C IV 1549	2179	2179				2179B(J)mag	
1032+062 C		10 32 6 17	29.6 13	10 35 6 1	6.00 41.1	18.74			0.245			2184				2184B(J)mag	
1032-199 R	PKS MC	10 32 -19 56	37.40 1.9	10 35 -20 11	2.20 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 1898	1304 501		011 2056		761,1304, 1445sp,1125ir, 307,1445fc, 1526vlbi, 1810pos	
1032-276 O	TOLOLO 3	10 32 -27 36	45.1 31	10 35 -27 52	5.97 3.3	20.0			2.00			812	812				
1032-276 O	TOLOLO 4	10 32 -27 38	49.8 7	10 35 -27 53	10.67 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 -27 40	52.4 42	10 35 -27 56	13.25 14.5	19.1			0.389	Mg II 2798 H I 4861		812	2201			1761sp	
1032+026 O		10 32 2 39	58.2 15	10 35 2 23	33.03 42.3	19.32			2.547	H I 1216	2179	2179				2179B(J)mag	
1033-268 O	TOLOLO 7	10 33 -26 53	4.7 57	10 35 -27 9	26.00 29.8	19.2			2.42 *	O VI 1034 H I 1216 C IV 1549 C III 1909	2.430 2.394 1.744	812 812 2201	1831 812 2263		1831 2263		
1033-273 O	TOLOLO 8	10 33 -27 18	4.7 9	10 35 -27 33	25.78 41.8	21.8			1.61	C IV 1549 C III 1909		212	2201				
1033+070 O		10 33 7 2	7.8 6	10 35 6 46	44.51 33.0	19.29			1.696	C IV 1549	2179	2179				2179B(J)mag	
1033-276 O	TOLOLO 9	10 33 -27 38	28.3 41	10 35 -27 54	49.25 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 29 23	30.6 6	10 36 29 7	17.93 32.4	17			1.02	C III 1909 Mg II 2798	1370	1369					

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		ABS
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 1251 1800 1251 1898 2056				1526vlbi, 1800pol
1034-293 R OL 259 X	PKS	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, 1789ma,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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS				
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 1627 1705 1706 1761 2228 2263	1706pos, 2095imag 40 arcsec from anon gal,1705, 2118; BAL?	
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 1705 1706 1761 2228 2263	1706pos 17.9 arcmin from 1037-2703 1507;95 arcsec from gal,1705, 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 1831	5 arcmin from 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	439	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 1878 2058 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 1878 2058 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 1878 2058 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 1878 2058 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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)				NOTES
		DEC	(1950)	DEC	(2000)						ID	Z	VAR	R		ABS
1039+140	NGC 3338 C 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	SBS 8 O	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	QNB1:34 C	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	QNB1:38 C	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	3CR 245 R 4C 12.37 X 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		014 012 506 128 154 875 462 1068 787 1902 789 882 1111 1591 1804 2013 2069 2092		014,063, 066ubv, 1201pol,799ir, 1107,1980x, 1159,1526vlbi, 335sp,158, 295fc superluminal source 1827, 1727; 1902avg ph mag	
1040+015	QNB1:43 C	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	QNB1:24 C	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	QNB1:22 C	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	QNB1:49 C	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	QNB2:36 C	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	QNB2:02 C	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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
1040+014	QNB1:20	10 40 32.3	10 43 6.56	20.93			-0.55	2.503	H I 1216 N V 1240 Si IV 1397 C IV 1549	1878	1878 2058		1878Bmag	
	C	1 24 33	1 8 48.7											
1040+011	QNB2:06	10 40 35.6	10 43 9.74	20.76			-0.94	1.692	C IV 1549 C III 1909	1878	2058		1878Bmag	
	C	1 6 41	0 50 56.6											
1040+012	QNB1:26	10 40 40.0	10 43 14.21	19.94			-1.45	1.917	H I 1216 N V 1240 Si IV 1397 C IV 1549	1878	1878 2058		1878Bmag	
	C	1 17 54	1 2 9.5											
1040+013	QNB1:28	10 40 40.5	10 43 14.73	20.61			-0.74	1.494	C IV 1549 C III 1909	1878	1878 2058		1878Bmag	
	C	1 21 25	1 5 40.5											
1040+009	QNB2:07	10 40 47.5	10 43 21.59	19.74			-0.66	0.627	Mg II 2798	1878	1878 2058		1878Bmag	
	C	0 59 6	0 43 21.4											
1040+046		10 40 48.1	10 43 23.61	18.92				2.330	H I 1216	2179	2179 2184		2179, 2184B(J)mag	
	O	4 38 2	4 22 17.3											
1041+007	QNB2:46	10 41 7.0	10 43 41.00	20.29			-1.00	1.402	C III 1909	1878	2058		1878Bmag	
	C	0 45 52	0 30 6.9											
1041+010	QNB2:01	10 41 13.1	10 43 47.23	19.22			-1.53	1.253	C IV 1549 C III 1909	1878	1878 2058		1878Bmag	
	C	1 5 48	0 50 2.7											
1041+049		10 41 15.0	10 43 50.60	19.35				0.556			2184		2184B(J)mag	
	O	4 54 3	4 38 17.7											
1041+011	QNB2:17	10 41 16.7	10 43 50.86	21.01			-0.69	0.305	O II 3727	1878	1878 2058		1878Bmag, 2058neml	
	C	1 11 8	0 55 22.6											
1041+049		10 41 22.2	10 43 57.80	18.60				2.409	H I 1216	2179	2179		2179B(J)mag	
	O	4 54 9	4 38 23.5											
1041+011	QNB2:15	10 41 26.6	10 44 0.73	19.04			-0.72	1.697	C IV 1549 C III 1909	1878	1878 2058		1878Bmag	
	C	1 6 40	0 50 54.4											
1041-147	R05.12	10 41 27.2	10 43 55.06	18.4 *				2.12			2277	2277		
		-14 47 30	-15 3 15.6											
1041+009	QNB2:28	10 41 28.4	10 44 2.47	20.98			-0.93	1.194	C III 1909	1878	1878 2058		1878Bmag	
	C	0 56 46	0 41 0.4											
1041+035		10 41 31.3	10 44 6.36					0.267			2184		2184B(J)mag	
		3 30 36	3 14 50.3											
1041+057		10 41 33.6	10 44 9.54	17.95				2.092			2184		2184B(J)mag	
	O	5 47 20	5 31 34.2											
1041+008	QNB2:24	10 41 43.2	10 44 17.25	19.35			-0.54	0.192	H I 4102 H I 4861 O III 4959 O III 5007	1878	1878 2058		1878Bmag	
	C	0 53 10	0 37 24.0											
1041+009	QNB2:25	10 41 49.1	10 44 23.17	19.49			-1.08	1.324	C III 1909 Mg II 2798	1878	1878 2058		1878Bmag	
	C	0 56 42	0 40 55.9											
1041+007	QNB2:42	10 41 49.7	10 44 23.68	20.91			-1.12	(0.600)	Mg II 2798	1878	1878 2058		1878Bmag	
	C	0 43 28	0 27 41.9											
1041+055		10 41 54.0	10 44 29.85					1.92			2184		2184B(J)mag	
	C	5 34 44	5 18 57.8											
1042+007	QNB2:45	10 42 0.0	10 44 34.01	20.81			-1.27	1.244	C III 1909	1878	2058		1878Bmag	
	C	0 47 47	0 32 0.6											
1042+029		10 42 2.4	10 44 37.24	18.55				2.094	H I 1216	2179	2179		2179B(J)mag	
	O	2 57 58	2 42 11.6											
1042+041		10 42 16.7	10 44 51.99	17.16				0.213			2184		2184B(J)mag	
	C	4 8 38	3 52 51.2											
1042+007	QNB2:40	10 42 19.1	10 44 53.09	20.48			-0.92	0.857	C III 1909 Mg II 2798	1878	1878 2058		1878Bmag	
	C	0 44 1	0 28 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	ABS				
1042+071	PKS R	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	QNB2:23 C	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	F855:174 C	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	F855:159 C	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	F855:107 C	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	F855:137 C	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	F855:121 C	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	F855:86 C	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	F855:158 C	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	F855:168 C	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	F855:125 C	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	F855:134 C	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	F855:108 C	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	F855:162 C	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	F855:123 C	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	F855:156 C	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		V	(B-V) (U-B)		Z(EM)	EMISSION LINES		Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)		(B-V)	(U-B)				ID	Z	VAR	R	ABS		
1044-001	F855:102 C	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	F855:124 C	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	F855:152 C	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	F855:155 C	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	F855:133 C	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	OL 474 R	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	F855:111 C	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	F855:140 C	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	4C 60.15 R 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	NGC 3384 C 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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)				REFERENCES	NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R			ABS
1045+128	NGC 3384 C UB 14	10 45 38 12 53 42	10 48 16.50 12 37 50.5	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	
1045+128	NGC 3384 C UB 2	10 45 38 12 53 42	10 48 16.50 12 37 50.5	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	
1045+128	NGC 3384 C UB 5	10 45 38 12 53 42	10 48 16.50 12 37 50.5	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	
1045+128	NGC 3384 C UB 8	10 45 38 12 53 42	10 48 16.50 12 37 50.5	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	
1045+128	NGC 3384 C UB 15	10 45 38 12 53 42	10 48 16.50 12 37 50.5	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	
1045+128	NGC 3384 C UB 4	10 45 38 12 53 42	10 48 16.50 12 37 50.5	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	
1045+128	NGC 3384 C UB 1	10 45 38 12 53 42	10 48 16.50 12 37 50.5	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	
1045-188	MC R	10 45 40.08 -18 53 44.1	10 48 6.61 -19 9 35.7	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, 1789mm, 1445FeIIem	
1046+058	O	10 46 4.3 5 51 42	10 48 40.15 5 35 49.9	18.66			1.956	H I 1216	2179	2179			2179B(J)mag	
1046-409	PKS R	10 46 22.71 -40 58 6.9	10 48 38.34 -41 13 59.4	17.5			0.620	Mg II 2798 H I 4340 H I 4861 O III 5007	1898	1251		1251	1526vlbi	

TABLE 1—Continued

OTHER NAMES	RA (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)					NOTES
	DEC (1950)	DEC (2000)								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	4C 05.46 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	124 121 2184	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	4C 09.37 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	IRAS -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	4C 24.23 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, 0.167gal, 50 kpc from anon gal,20.2vgal, faint gals near,2118	

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		ABS
1048-090	PKS R 3C 246 X NRAO 359 OL 082 MSH 10-019 PG MC	10 48 59.41 -9 2 13.6	10 51 29.94 -9 18 9.6	16.79*	.06	-.49	0.344	Mg II 2798 Ar IV 2854 O III 3133 He II 3203 Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 NeIII 3968 H I 4340 O III 4959 O III 5007	112	054 1968	492 2011 2056	775	059,112ubv, 156,704, 1202pol, 940ext,749pos, 1222elp,1117, 1420,1598sp, 1487,2112x, 1526vlbi, 077fc, 1420FeIIem, 1688,1700, 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 O	10 49 0.7 30 12 0	10 51 46.02 29 56 4.0	17			0.97	C III 1909 Mg II 2798	1370	1369				
1049+073	O	10 49 2.4 7 19 33	10 51 38.68 7 3 37.0	19.86			2.318	H I 1216	2179	2179			2179B(J)mag	
1049+215	4C 21.28 R OL 282 PKS	10 49 7.26 21 35 48.4	10 51 48.86 21 19 52.3	17.89*			1.30	C IV 1549 C III 1909 Mg II 2798	132	009 1068 1902	875 086		1201pol, 1526vlbi 1902avg ph mag	
1049-005	PG C OL 084 R	10 49 18.0 -0 35 20	10 51 51.51 -0 51 16.4	15.95			0.357	Mg II 2798 O II 3727 NeIII 3869	1117	1117	2011		1598sp,1700, 2145imag,1729, 2005ir,2112x 17.9 arcmin from IC 653, 1650; faint gals near,2118	
1049+616	4C 61.20 R OL 682	10 49 22.43 61 41 18.2	10 52 32.77 61 25 21.6	16.48*	.10	-.76	0.422*	Mg II 2798 O II 3727 H I 4340 H I 4861 O III 4959 O III 5007	129	100 828	567 2263	534 1869	106ubv,704, 1202pol,958sp, 1320rpol,958, 1469FeIIem, 1688,1700imag 17.7 arcmin from NGC 3435, 2.9 arcmin from NGC 3407, 1650,2118	
1049+045	O	10 49 26.1 4 32 36	10 52 1.39 4 16 39.4				2.198	H I 1216	2179	2179			2179B(J)mag	
1049+489	5C2.10 R	10 49 41 48 55 53	10 52 37.33 48 39 56.1	18			0.478	Mg II 2798 Ar IV 2854 Ar IV 2869	018	018			308fc	
1050-184	PKS R	10 50 6.9 -18 29 21	10 52 34.01 -18 45 18.5	17.06	-.07	-.53	0.544	Mg II 2798 Ar IV 2854 Ar IV 2869 Ne V 2974 O III 3133 O II 3727 NeIII 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007	433	432	432 2056	780ir,1222elp, 1485ubv, 1686xnd, 2145imag		
1050+069	O	10 50 36.1 6 54 17	10 53 12.18 6 38 18.9				1.930	H I 1216	2179	2179			2179B(J)mag	
1050+045	O	10 50 37.4 4 34 1	10 53 12.67 4 18 2.9				2.151	H I 1216	2179	2179			2179B(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)	DEC (1950)	DEC (2000)						ID	Z	VAR	R		ABS
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 1297 1818 084 2049 257 2263 290		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 E X	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 1485ubv 2228 2263		704,1202pol,	
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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
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 1856	076 436	1800 1212	1162 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 1811	689		937 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)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	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)	DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
1101+384 BL Lac C X R	MKN 421 B2 OM 303	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, 915subvri,1526, 2159vlbi, 637sp,723fc 0.0308zgal, 661; IRAS source,1806; 1902avg Bmag
1103-006 R	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	410 436	789 1111 1877 2011	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	11 4 18.10 72 48 49.8	11 7 41.84 72 32 35.7	18.9					2.10		690	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				C III 1909 Mg II 2798			124	436	789		
1104-445 R	PKS	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	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 1898	1251			1526vlbi
1105+392 R	B3	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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							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 18	11 15 13	45.35 26 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 48 37.7	21.4			2.54	H I 1216	1387	1387					
1113+142 O	11 13 14	29.5 14 1	11 16 13	6.55 57 38.5	20.3			2.11	H I 1216 C IV 1549	1387	1387					
1113+142 O	11 13 14	30.1 14 36	11 16 13	7.15 58 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 56 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 55 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 12 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 13 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 23 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 3 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 19 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 46 14.8	18.1		1.90	H I 1216 C IV 1549	1439	1439					
1115+080 C PG	B PG	11 15 8	41.5 2 24	11 18 7	16.99 45 59.6	18.74*	.45	1.718*	C III 1909	1.7353 1.7322 1.7304 1.7283 1.6998	845 1598	845 1566	974 1069			845sp, 943, 1398si, 893, 1597imag, 1681phot, 1729ir, 2170uv grav lens, 845, 2295
1115+080 A PG	A 2 PG	11 15 8	41.5 2 24	11 18 7	16.99 45 59.6	17.27*	.47	1.722			1597					1681phot, 2112x, 2170uv grav lens, 1597 2295
1115+080 C A 1 PG	A A 1 PG	11 15 8	41.5 2 24	11 18 7	16.99 45 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	1216 1.7353 1.7322 1.7304 1.7283 1.6998 0.0000	772 1598 1901 2251 2281	772 1566 2011 845 974 1000 1069 1747 1969 2228 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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	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	1485subv,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	047 164 506 128 098 098 756 462 163 875 789 164 1068 801 2228 1902 816 2263 1792 1937		047ubv, 1320rpol, 1789mm,050fc, 1466,1526vlbi, 2103pol 1902avg ph mag		
1116+215	PG C X R TON 1388	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, 2100FeIem 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		736,1485subv, 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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
1118+609	SBS O	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	4C 12.40 R 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		506fc	
												1111 1888			
1119+612	SBS O	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	OM 133 R	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			165fc, 1526vlbi 1902avg ph mag	
												458	1068		
													1902		
1120+019	UM 425 O	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				2010imag, 2174varnd, 225isp grav lens,1956	
												922			
1121+612	SBS O	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	SBS O	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	PG C	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	SBS O	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	WL R	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	UM 427 O	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	PKS 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	CSO 340 C	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	US 2416 C	11 23 38.5 27 33 50	11 26 17.54 27 17 19.8	18.3			1.212		1303	1492					
1123+434	WL R	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	OM 540/4 R	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	US 2450 C	11 24 57.6 27 11 24	11 27 36.36 26 54 53.0	17.0			0.378		1303	1492					
1125+584	SBS O	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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
1126+581	SBS O	11 26 37.4 58 7 19	11 29 26.01 57 50 47.0	19.0			1.160	C III 1909 Mg II 2798	1.511	2190 2240				
1126+101	PKS R	11 26 38.7 10 8 32	11 29 14.10 9 51 59.8	18	*		1.516*	O IV 1402 C IV 1549 C III 1909 0.002	1.5169 1.5095 1.4383	166 044 560 1901 1586 571 1818 1635 2263				
1127+078	O	11 27 0 7 48 0	11 29 35.00 7 31 27.6				2.661	H I 1216	1.4383	1550				
1127-145	PKS R DW X OM 146	11 27 35.72 -14 32 54.7	11 30 7.11 -14 49 27.6	16.74*	.27	-.70	1.187	C IV 1549 He II 1640 C III 1909 Mg II 2798		112 101 2054 128 837 1557 1792 2056 2085			112,1485subv, 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	
1127+078	H1140+010	11 27 42.52 7 48 52.8	11 30 17.50 7 32 20.0				2.668	O VI 1034 H I 1216 C IV 1549		2279 2279				
1127+006	O	11 27 57.66 0 37 7.7	11 30 31.50 0 20 34.7	18.2			0.993			2183 2183			2183(J)mag, 2183neml	
1127+074	KP 6 O	11 27 58.0 7 29 5	11 30 32.91 7 12 32.0	20.5			(2.0)			457 853				
1128+105	O	11 28 0 10 31 0	11 30 35.40 10 14 27.0				2.645	H I 1216		1550				
1128+574	SBS O	11 28 0 57 25 0	11 30 47.60 57 8 27.2	18.5			2.231+	H I 1216 Si IV 1397 C IV 1549		1285 1285		1285		
1128+105	H1140+030	11 28 2.88 10 31 21.7	11 30 38.27 10 14 48.7				2.639	H I 1216 C IV 1549		2279 2279				
1128-023	O	11 28 3.62 -2 20 56.4	11 30 36.99 -2 37 29.5	18.3			0.580			2183 2183			2183B(J)mag	
1128+072	KP 7 O	11 28 14.2 7 17 22	11 30 49.07 7 0 48.9	19.0			2.12			457 853			853rnd	
1128+315	B2 C PB 2843 LB 10236 TON 580 US 2538	11 28 30.34 31 30 39.9	11 31 9.45 31 14 6.7	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;	
1128+003	O	11 28 32.77 0 22 12.0	11 31 6.57 0 5 38.7	18.0			1.379			2183 2183			2183B(J)mag	
1128+074	KP 8 O	11 28 43.6 7 29 16	11 31 18.49 7 12 42.6	19.5			2.31	H I 1216 C IV 1549		457 867			853rnd	
1128-288	K03.02	11 28 49.6 -28 50 19	11 31 18.54 -29 6 52.6	18.36			2.30			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)	DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
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	124 121 645	506 462 789 1111 1888					121,1485bv, 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				0.513	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				0.203	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 O	H1140+032 11 31 4.59 11 51 25.3	11 33 40.02 11 34 50.6					2.318	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)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)				ID	Z				VAR	R	ABS		
1132+472	NGC 3726	11 32 6.0	11 34 48.08	18.4					1.13			547				1.67 arcmin from anon gal, 0.0320zgal, 16.45 arcmin from NGC 3726, 2118
C	BSO 1	47 17 0	47 0 24.9													
1132+303	3C 261	11 32 16.25	11 34 54.49	18.24	.24	-.56	0.614	Mg II 2798				008 102	462			008ubv,831sp,
R	4C 30.22	30 22 2.3	30 5 27.1					Ar IV 2854				032	774			1320rp01,033,
	NRAO 378							O II 3727				101	775			113,139fc
	OM 356							NeIII 3869					1891			
	B2												2092			
	PB 2964															
	LB 10265															
1132-030		11 32 31.46	11 35 4.80	17.0					0.237			2183 2183				2183B(J)mag
O		-3 2 15.8	-3 18 51.3													
1132-009		11 32 41.28	11 35 14.90	18.0					2.756			2183 2183				2183B(J)mag
O		-0 54 37.1	-1 11 12.7													
1132-002		11 32 49.18	11 35 22.89	17.7					0.955			2183 2183				2183B(J)mag
O		-0 13 21.5	-0 29 57.1													
1132-008		11 32 54.73	11 35 28.36	18.3					1.354			2183 2183				2183B(J)mag
O		-0 53 47.7	-1 10 23.4													
1133+006		11 33 7.33	11 35 41.16	17.9					0.18			2183 2183				2183B(J)mag
O		0 39 11.8	0 22 36.0													
1133+704	MKN 180	11 33 32.40	11 36 26.46	14.49	.67	-.22						664 535	1200			703pol,1250mf,
BL Lac	C S5	70 26 4.2	70 9 28.4									1811 635	1367			964,1088,1925,
X													1615			2107,2112x,
R													1757			1348uv,211fc,
																664sp,1426ubv,
																2259imag
																0.0458zgal,
																146; IRAS
																source,1806;
1133+004		11 33 32.49	11 36 6.29	18.5					0.11			2183 2183				2183B(J)mag
O		0 28 32.8	0 11 56.8													
1133+131	H1140+038	11 33 41.50	11 36 16.94	18.8					2.875	O VI 1034		1440 1440				
O		13 6 15.3	12 49 39.3							H I 1216		2279				
										C IV 1549						
1133+022		11 33 57.84	11 36 31.87	18.4					1.467			2183 2183				2183B(J)mag
O		2 14 37.9	1 58 1.7													
1134+301	US 2694	11 34 17.2	11 36 55.06	18.3					1.858			1303 1492				
C		30 8 8	29 51 31.8													
1134+018		11 34 28.05	11 37 2.03	18.8					1.643			2183 2183				2183B(J)mag
O		1 52 58.9	1 36 22.5													
1134+349		11 34 30.46	11 37 9.11	19.2					0.832			1446 1447				
R		34 58 32.0	34 41 55.7													
1134+019		11 34 32.86	11 37 6.84	17.5					0.19			2183 2183				2183B(J)mag
O		1 56 24.8	1 39 48.4													
1134+106	H1140+029	11 34 35.18	11 37 10.24						1.590	C IV 1549		2279 2279				
		10 39 26.6	10 22 50.2													
1134+069	H1140+003	11 34 36.59	11 37 11.19						2.044	H I 1216		2279 2279				
		6 57 11.7	6 40 35.3							Si IV 1397						
										C IV 1549						
1134-026		11 34 41.81	11 37 15.23	18.6					1.758			2183 2183				2183B(J)mag,
O		-2 37 59.6	-2 54 36.1													2183neml
1135+025		11 35 1.59	11 37 35.64	18.4					0.996			2183 2183				2183B(J)mag
O		2 32 10.0	2 15 33.3													
1135+006		11 35 8.08	11 37 41.91	18.4					0.721			2183 2183				2183B(J)mag
O		0 40 28.4	0 23 51.7													

TABLE 1—Continued

	OTHER NAMES	RA		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)					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				2130BAL?	
										LBQS 2183					
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	PKS OM 161 MSH 11-18 DW	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 Ne III 3869 H I 4102 H I 4340	112	054		128		761,1188,1304, 1420sp,057fc, 736,1485ubv, 1420FeIIem, 1526vlbi, 2103pol	
												775			
												2056			
												2092			
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 2.0744 Si IV 1397 1.7890 O IV 1402 0.3168 C IV 1549	1440	1440		1550	damped Ly		
												1551	alpha, z=		
												2115	1.7890, 2115		
												2228			
												2263			
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 X	3CR 263 4C 66.13 NRAO 381 DA 305	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 Ne III 3968 H I 4102	0.655	008	1467	212	128	157	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
											085	247	462	2228	
											157	248	534		
												252	775		
												290	787		
												920	1476		
												1068	1891		
													1998		
													2013		
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 O	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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
	DEC	(1950)	DEC	(2000)							ID	Z	VAR	R		ABS
1138-011 O	11 38 -1 7	8.63 30.2	11 40 -1 24	42.26 8.2	18.1			2.756			2183	2183			2183B(J)mag
1138+002 O	11 38 0 15	9.88 11.6	11 40 -0 1	43.65 26.4	18.6			1.760			2183	2183			2183B(J)mag
1138-014 O	11 38 -1 26	37.98 28.7	11 41 -1 43	11.58 6.9	18.5			1.266			2183	2183			2183B(J)mag, 2183nobl
1138+584 O	SBS 11 38 58 26	38.5 30	11 41 58 9	21.68 52.1	18.0			1.699*	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1285 2190	2189 2240			
1138+040 C	PG 11 38 4 3	42.4 38	11 41 3 46	16.56 59.8	16.05			1.877*	Si IV 1397 O IV 1402 C IV 1549	1.5840	1117 1872	1117 1872	2011	1872 2228 2263	1598sp,1729, 2005ir,2112x faint gals near,2118
1138+000 O	11 38 0 3	43.87 48.0	11 41 -0 12	17.62 50.2	17.9			0.500			2183	2183			2183B(J)mag
1138+020 O	11 38 2 4	47.81 42.7	11 41 1 48	21.77 4.5	17.6			0.383			2183	2183			2183B(J)mag
1138+022 O	11 38 2 16	53.15 12.0	11 41 1 59	27.13 33.7	18.6			0.687			2183	2183			2183B(J)mag
1139+592 O	SBS 11 39 59 17	13.5 51	11 41 59 1	56.72 12.8	18.0			0.383	Mg II 2798		1285	2240			
1139+011 O	11 39 1 6	24.66 5.9	11 41 0 49	58.52 27.4	18.3			0.462			2183	2183			2183B(J)mag
1139-027 O	11 39 -2 43	32.21 45.2	11 42 -3 0	5.69 23.7	18.4			1.132			2183	2183			2183B(J)mag
1139+286 C	US 2813 11 39 28 39	33.0 36	11 42 28 22	9.79 57.6	17.59			1.691	C IV 1549 C III 1909		1303	1255			2137Bmag, 2137varnd
1139+305 C	US 2816 11 39 30 32	35.3 52	11 42 30 16	12.33 13.6	17.36			0.479	Mg II 2798		1303	1255			2137Bmag, 2137varnd
1139-016 O	11 39 -1 39	36.26 47.1	11 42 -1 56	9.85 25.6	18.5			1.925			2183	2183			2183B(J)mag
1139-006 O	11 39 -0 37	37.87 5.9	11 42 -0 53	11.56 44.4	18.4			1.913			2183	2183			2183B(J)mag
1139-029 O	11 39 -2 57	37.91 36.0	11 42 -3 14	11.37 14.6	18.0			1.027			2183	2183			2183B(J)mag
1139+285 C	US 2828 11 39 28 33	49.5 46	11 42 28 17	26.23 7.5	17.19			1.607	C IV 1549 C III 1909		1303	1255			2137Bmag, 2137varnd
1140+022 O	11 40 2 12	3.01 32.7	11 42 1 55	36.97 54.0	16.7			0.12			2183	2183			2183B(J)mag
1140-009 O	11 40 -0 54	14.54 18.0	11 42 -1 10	48.20 56.8	18.0			0.223			2183	2183			2183B(J)mag
1140-215 O	J07.05 11 40 -21 30	19.6 4	11 42 -21 46	51.23 42.9	16.9			0.39			2277	2277			
1140+024 O	11 40 2 28	45.65 25.7	11 43 2 11	19.63 46.8	18.2			0.451			2183	2183			2183B(J)mag
1141-014 O	11 41 -1 27	8.32 55.7	11 43 -1 44	41.94 34.8	16.3			0.10			2183	2183			2183B(J)mag
1141-006 O	11 41 -0 38	13.40 9.8	11 43 -0 54	47.09 48.9	18.5			0.520			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)	DEC (1950)	DEC (2000)						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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
	DEC (1950)	DEC (2000)	DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
1145+321 C	US 2978	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 O	K	11 46 0 11 11 0	11 48 34.49 10 54 19.6	18.9				2.22			645 645				
1146+111 O	P	11 46 0 11 11 0	11 48 34.49 10 54 19.6	19.5				1.89			645 645				
1146+111 O	J	11 46 0 11 11 0	11 48 34.49 10 54 19.6	18.2				1.67			645 645				
1146+111 O	H	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 O	C	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 O	B 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 O	A 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 R	MC 2	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 O	D	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 R	W1	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 R X	PKS	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 Ne III 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)	DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
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 UT R	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 B2 BL Lac R OM 280 X 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 W1 R	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 PKS R 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)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC	(1950)		DEC	(2000)								ID	Z	VAR	R		ABS
1148-171	PKS R OM 181	11 48 30.45	11 51 3.29	19	11 48 17.7	11 51 1.0					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	4C 47.33 R	11 48 32.28	11 51 9.28	18.0	47 45 36.1	47 28 55.3					0.867	C III 1909 Mg II 2798	153	1288 1989		507 534 1166	073,133sp, 1989fc	
1148+009	O	11 48 41.61	11 51 15.41	18.1	0 55 7.6	0 38 26.5					1.887		2183	2183			2183B(J)mag	
1148+549	PG C LB 2126 R	11 48 42.6	11 51 20.47	15.82*	54 54 13	54 37 32.2					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	4C 38.31 R B2	11 48 53.27	11 51 29.31	17.04	38 42 34.2	38 25 53.3		.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	11 51 31.56	20.59	-10 59 9.4	-11 15 50.6					2.512		2185	2185			2185B(J)mag	
1149-107	O	11 49 2.38	11 51 35.60	18.93	-10 45 15.0	-11 1 56.2					0.930		2185	2185			2185B(J)mag	
1149-109	O	11 49 37.08	11 52 10.32	19.31	-10 58 45.2	-11 15 26.5					0.991		2185	2185			2185B(J)mag	
1149+007	O	11 49 49.60	11 52 23.39	17.0	0 43 8.3	0 26 27.0					0.466		2183	2183			2183B(J)mag	
1149+086	H1140+011	11 49 54.95	11 52 29.10		8 38 41.8	8 22 0.6					1.858+	C IV 1549	2279	2279			2279	
1149-111	O	11 49 55.74	11 52 28.99	20.77	-11 7 40.6	-11 24 21.9					2.182		2185	2185			2185B(J)mag	
1150-176	POX 5B O	11 50 0	11 52 32.95	17.0	-17 40 0	-17 56 41.4					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	11 52 35.03	17.5	0 10 57.6	-0 5 43.7					0.13		2183	2183			2183B(J)mag	
1150+014	O	11 50 5.45	11 52 39.27	17.7	1 27 58.8	1 11 17.5					1.635		2183	2183			2183B(J)mag	
1150-162	R09.66	11 50 9.4	11 52 42.43	18.7 *	-16 16 4	-16 32 45.4					2.50		2277	2277				
1150+006	O	11 50 12.78	11 52 46.57	17.6	0 41 20.9	0 24 39.6					0.780		2183	2183			2183B(J)mag 2183strong uvFeIIem	
1150-109	O	11 50 13.02	11 52 46.30	19.54	-10 58 36.8	-11 15 18.2					1.034		2185	2185			2185B(J)mag	
1150-186	POX 8 O	11 50 18	11 52 50.93	19.5	-18 36 0	-18 52 41.4					(2.765)		931	931				
1150+812	S5 R	11 50 23.70	11 53 12.71	18.5	81 15 10.6	80 58 29.5					1.25		937	1667		937 1793	1855mm superluminal source	
1150-009	O	11 50 33.25	11 53 6.97	18.3	-0 54 16.8	-1 10 58.2					1.327		2183	2183			2183B(J)mag	
1150+095	PKS R 4C 09.39 OM 083	11 50 38.41	11 53 12.56	17.58	9 30 44.3	9 14 3.0		.31	-.56	0.698	Mg II 2798 O II 3727		048	009		1111	1485ubv	
1150-110	O	11 50 42.50	11 53 15.80	18.20	-11 1 23.4	-11 18 4.9					1.722		2185	2185			2185B(J)mag	

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

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

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				
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)	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 -18 42 0	12 0 45.71 -18 58 42.1	16.93	.29	-0.33	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 2.0199 N V 1240 1.9968 Si IV 1397 1.9912 C IV 1549 1.2736 He II 1640 1.2238 O III 1663 C III 1909			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 0 44 54	12 1 23.86 0 28 12.0	19.09	.14	-0.84	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 3.5261 H I 1216 3.2614 N V 1240 3.2256 O I 1304 O IV 1402 C IV 1549			1291 1291 1622				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 -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		351 1527		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 -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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS			
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 ON 106	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		ABS
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 1794		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		V	(B-V) (U-B)		Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES					NOTES
		DEC (1950)	DEC (2000)		(B-V)	(U-B)			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 C	PG	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 R	3CR 268.4 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 1749	005 290	006 462 534 775 787 917 1105 1111 1235 1636 1804 1891 1996 2013	128 1749 462 2263	1749 290	003ubv,306, 463fc 2.9arcmin from NGC 4138,2118	
1206+119 O	H 51.2	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					Iy 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 R X	PKS	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 1898	493	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 R	W3	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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	REFERENCES					NOTES
		DEC (1950)		DEC (2000)							ID	Z	VAR	R	ABS	
1207-110		12 7 44.77	12 10 19.05	19.25				1.592			2185	2185			2185B(J)mag	
O		-11 1 16.9	-11 17 58.2													
1207+397	W4	12 7 55.21	12 10 26.76	20.3 *	.47	-.77					530	689	1764	991	689ubv,1048,	
BL Lac R	1E	39 45 51.9	39 29 10.9								1416			1416	1416,1764,	
X														2083	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		12 7 56.71	12 10 29.90	18.6				1.384			1765	1765			1765Jmag	
O		12 12 17.7	11 55 36.6													
1208+322	B2	12 8 5.38	12 10 37.43	16	-.20	-.70	0.388	Mg II 2798			138	009	731	783	322,1451ubv,	
R	ON 313	32 13 48.8	31 57 7.8					Ne III 3869						790	704,1202pol	
								O III 5007						1790	0.167 and 0.567 arcmin from 2 anon gals,1650,2118	
1208+178		12 8 5.55	12 10 38.44	18.4				1.386			1765	1765			1765Jmag	
O		17 50 10.2	17 33 29.1													
1208+142	H102.1	12 8 5.98	12 10 39.06					2.33			2301	2301				
		14 13 35.0	13 56 53.9													
1208+142		12 8 6.18	12 10 39.26	18.5				2.328			1765	1765			1765Jmag	
O		14 13 36.7	13 56 55.6													
1208+164		12 8 17.57	12 10 50.52	18.7				1.351			1765	1765			1765Jmag	
O		16 26 47.4	16 10 6.4													
1208-112		12 8 18.08	12 10 52.41	20.70				2.181			2185	2185			2185B(J)mag	
O		-11 12 3.9	-11 28 45.1													
1208+101		12 8 23.73	12 10 57.00	17.5				3.803*	O IV 1402 2.9158	1622 1623				1623	2306imag	
O		10 11 9.3	9 54 28.2						C IV 1549 2.9137	2291 1622				2059	pos grav lens,	
									C III 1909 2.8640					2125	2250; grav	
									2.8606					2228	lens or binary	
									2.8573					2263	2253;grav lens	
															2291,2295,2306	
1208+127	H9A	12 8 23.90	12 10 57.04					2.33			2301	2301		2301		
		12 43 40.2	12 26 59.2													
1208+128		12 8 30.82	12 11 3.94	17.2				1.003			1765	1765			1765Jmag	
O		12 50 47.3	12 34 6.3													
1208+104	H36A	12 8 38.16	12 11 11.40					2.00			2301	2301				
		10 25 8.5	10 8 27.5													
1208-111		12 8 40.91	12 11 15.26	20.10				1.571			2185	2185			2185B(J)mag	
O		-11 10 16.0	-11 26 57.1													
1208-110		12 8 44.55	12 11 18.89	20.68							2185	2185			2185B(J)mag	
O		-11 2 50.0	-11 19 31.1													
1208+155		12 8 52.54	12 11 25.49	18.0				1.943+			1765	1765			1765Jmag, 1765BAL	
O		15 35 32.3	15 18 51.4													
1208+105		12 8 55.1	12 11 28.32	18.47				2.326	H I 1216			1859			20.0B(J)mag, 21	
O		10 31 33.7	10 14 52.7						N V 1240							
									Si IV 1397							
									O IV 1402							
									N IV 1488							
									C IV 1549							
									He II 1640							
									O III 1663							
									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		ABS
1208-192 R MC	12 8 56.99 -19 17 38.6	12 11 31.81 -19 34 19.7	18.9				2.054	H I N V C IV He II C III	1216 1240 1549 1640 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 N V	1216 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	-0.05	-0.49		2.193*	H I N V Si IV O IV C IV	1216 1.8434 1240 0.6295 1397 0.3930 1402 1549	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	-0.27					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 C III	1549 1909	412 476 475					
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)	DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
1210+157		12 10 36.72	12 13 9.52	12 13 9.52	12 13 9.52	17.9			0.13		2183	2183					2183B(J)mag
O		15 44 59.7	15 28 19.1	15 28 19.1	15 28 19.1												
1210-107		12 10 54.34	12 13 28.79	12 13 28.79	12 13 28.79	18.13			(0.703)		2185	2185					2185B(J)mag
O		-10 47 46.0	-11 4 26.7	-11 4 26.7	-11 4 26.7												
1210+134	4C 13.46	12 10 59.28	12 13 32.20	12 13 32.20	12 13 32.20	18.09	.48	-.83	1.137	C IV 1549	124	121	506	128			121ubv,
R	ON 119	13 24 1.3	13 7 20.8	13 7 20.8	13 7 20.8					He II 1640		458		462			1526vlbi
DW										C III 1909		1765		789			5.95 arcmin
PKS										Mg II 2798				1111			from NGC 4193,
														1891			2118
1211-107		12 11 5.63	12 13 40.09	12 13 40.09	12 13 40.09	20.25			2.711		2185	2185					2185B(J)mag
O		-10 44 55.6	-11 1 36.2	-11 1 36.2	-11 1 36.2												
1211-133	R10.07	12 11 11.7	12 13 46.34	12 13 46.34	12 13 46.34	16.14			0.43		2277	2277					
		-13 22 0	-13 38 40.6	-13 38 40.6	-13 38 40.6												
1211+088		12 11 23.99	12 13 57.19	12 13 57.19	12 13 57.19	17.8			0.817		1765	1765					1765Jmag
O		8 48 43.0	8 32 2.6	8 32 2.6	8 32 2.6												
1211-190	MC	12 11 28.33	12 14 3.39	12 14 3.39	12 14 3.39	17.2			0.149	O II 3727	1445	1445					
R		-19 5 1.9	-19 21 42.5	-19 21 42.5	-19 21 42.5					Ne III 3869							
										H I 3889							
										Ne III 3968							
										He 3970							
										H I 4102							
										H I 4340							
										He II 4686							
										H I 4861							
										O III 4959							
										O III 5007							
										H I 6563							
1211+111		12 11 31.77	12 14 4.81	12 14 4.81	12 14 4.81	17.8			1.332		1765	1765					1765Jmag
O		11 6 15.5	10 49 35.1	10 49 35.1	10 49 35.1												
1211+118		12 11 32.05	12 14 5.04	12 14 5.04	12 14 5.04	18.2			1.181		2183	2183					2183B(J)mag
O		11 53 50.4	11 37 10.0	11 37 10.0	11 37 10.0												
1211+334	ON 319	12 11 32.6	12 14 3.91	12 14 3.91	12 14 3.91	17.89	-.05	-.94	1.598+	H I 1216	113	009		1297	560		704,1202pol,
R	B2	33 26 18	33 9 37.7	33 9 37.7	33 9 37.7					C IV 1549		443		2060	1635		831sp,1513elp,
CSO 398										C III 1909							1526vlbi,
																	1865phot
1211+334		12 11 33.3	12 14 4.61	12 14 4.61	12 14 4.61	20.5			1.818	H I 1216		633					
		33 27 6	33 10 25.7	33 10 25.7	33 10 25.7					C IV 1549							
										He II 1640							
										O III 1663							
1211-109		12 11 45.11	12 14 19.62	12 14 19.62	12 14 19.62	20.57			1.796		2185	2185					2185B(J)mag
O		-10 54 44.8	-11 11 25.3	-11 11 25.3	-11 11 25.3												
1211-107		12 11 51.85	12 14 26.35	12 14 26.35	12 14 26.35	20.74			3.002		2185	2185					2185B(J)mag
O		-10 46 17.0	-11 2 57.4	-11 2 57.4	-11 2 57.4												
1211+086		12 11 57.40	12 14 30.59	12 14 30.59	12 14 30.59	17.6			0.583		1765	1765					1765Jmag
O		8 41 48.5	8 25 8.2	8 25 8.2	8 25 8.2												1765Fe em
1212+147		12 12 7.54	12 14 40.29	12 14 40.29	12 14 40.29	17.9			1.638		1765	1765					1765Jmag
O		14 45 39.4	14 28 59.2	14 28 59.2	14 28 59.2												
1212+139		12 12 9.00	12 14 41.80	12 14 41.80	12 14 41.80	18.7			1.386		1765	1765					1765Jmag
O		13 57 38.6	13 40 58.4	13 40 58.4	13 40 58.4												
1212-109		12 12 11.55	12 14 46.08	12 14 46.08	12 14 46.08	18.98			1.626		2185	2185					2185B(J)mag
O		-10 56 33.0	-11 13 13.3	-11 13 13.3	-11 13 13.3												
1212-109		12 12 15.10	12 14 49.64	12 14 49.64	12 14 49.64	19.92			2.340		2185	2185					2185B(J)mag
O		-10 54 35.7	-11 11 16.0	-11 11 16.0	-11 11 16.0												
1212+113		12 12 17.12	12 14 50.10	12 14 50.10	12 14 50.10	18.5			1.279		2183	2183					2183B(J)mag
O		11 21 1.1	11 4 20.9	11 4 20.9	11 4 20.9												
1212+097		12 12 18.58	12 14 51.67	12 14 51.67	12 14 51.67	18.3			0.378		1765	1765					1765Jmag
O		9 45 20.4	9 28 40.2	9 28 40.2	9 28 40.2												
1212+158		12 12 19.97	12 14 52.62	12 14 52.62	12 14 52.62	18.2			1.948		1765	1765					1765Jmag
O		15 51 35.6	15 34 55.4	15 34 55.4	15 34 55.4												

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

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		
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 MC 2 R	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 W2 R	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 GC R	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		216 476 2162 2168 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 4C 64.15 R	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	ABS			
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	1765 2301				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	019 1765 2281	1586	560		1202pol,958sp, 958FeIem, 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		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 S4	ON 428	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	-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 Ne III 3869 H I 3934 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007	0.24	079 102 006 775 157 085 080 789 2228 157 247 1161 334 248 1170 437 249 1171 492 252 1340 290 1527 753 760 875 1068 1902			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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS				
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		V	(B-V) (U-B)		Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)		(B-V)	(U-B)			ID	Z	VAR	R	ABS		
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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS			
1221+177		12 21 3.21	12 23 34.91	18.6					1.349			1765	1765				1765Jmag
O		17 45 19.8	17 28 42.6														
1221-107		12 21 13.00	12 23 48.03	20.29					2.028			2185	2185				2185B(J)mag
O		-10 46 28.5	-11 3 5.7														
1221+186	4C 18.34	12 21 14.61	12 23 46.19	18.74	.18	-.92	1.401	C IV 1549				124	121	506	775		121ubv
R	ON 135	18 37 43.3	18 21 6.2					C III 1909							789 1145 1476		
1221+545	SBS 19	12 21 18	12 23 42.63	18			2.106+	H I 1216				1285	1285				1285
O		54 30 0	54 13 23.1					Si IV 1397 C IV 1549									
1221-109		12 21 19.93	12 23 54.98	19.28					1.524			2185	2185				2185B(J)mag
O		-10 55 30.1	-11 12 7.3														
1221+165		12 21 20.48	12 23 52.31	18.6					1.480			1765	1765				1765Jmag
O		16 34 27.1	16 17 50.1														
1221+758	W1	12 21 21.26	12 23 29.33	18.8	.26	-.84	1.632					530	689				689ubv
R		75 53 6.1	75 36 29.2														6.23 arcmin from NGC 4386, 2118
1221+145		12 21 25.4	12 23 57.47	20.2					2.297			1290	1627				18.8B(J)mag, 2274
O		14 31 19.8	14 14 42.8														
1221-109		12 21 32.26	12 24 7.32	20.47					(0.431)			2185	2185				2185B(J)mag
O		-10 54 4.1	-11 10 41.2														
1221+173		12 21 32.60	12 24 4.32	18.3					1.406			1765	1765				1765Jmag
O		17 18 35.9	17 1 58.9														
1221+113	MC 2	12 21 47.43	12 24 19.86	18.7			1.762*	C IV 1549	1.6144	020	020	1818	2049	343fc,1818,			1891pos,
R		11 23 59.7	11 7 22.8					He II 1640		2049	2281	1891	2263	2183B(J)mag			7.38 arcmin from NGC 4352, 2118
								O III 1663									
								N III 1750									
								C III 1909									
								C II 2326									
								Mg II 2798									
1221-110		12 21 52.68	12 24 27.78	18.57					2.495			2185	2185				2185B(J)mag
O		-11 4 13.4	-11 20 50.4														
1222-111		12 22 6.35	12 24 41.47	20.49					2.171			2185	2185				2185B(J)mag
O		-11 6 49.1	-11 23 26.0														
1222-108		12 22 6.54	12 24 41.63	18.71					(0.748)			2185	2185				2185B(J)mag
O		-10 53 23.3	-11 10 0.2														
1222+131		12 22 15.94	12 24 48.12	18.7					1.059			1765	1765				1765Jmag
O		13 10 49.1	12 54 12.4														2.63 arcmin from NGC 4374, 8.9arcmin from NGC 4387,2118
1222+103		12 22 18.00	12 24 50.53	17.97					0.168			1765	1765				1765Jmag
O		10 22 22.8	10 5 46.1														
1222+037	PKS	12 22 19.05	12 24 52.38	19.02	.44	-1.05	0.957	He II 1640				026	436	789			436ubv,
R	4C 03.23	3 47 27.2	3 30 50.5					C III 1909						1877			1526vlbi, 1789nm
								Mg II 2798									
1222+145		12 22 19.8	12 24 51.80	20.0					1.971			1290	1627				19.1B(J)mag, 2274
O		14 31 45.5	14 15 8.9														
1222+094		12 22 23.34	12 24 55.97	18.3					1.470			1765	1765				1765Jmag
O		9 28 49.4	9 12 12.8														
1222+216	4C 21.35	12 22 23.45	12 24 54.50	17.5	.06	-.69	0.435	Mg II 2798				052	101	128			059,299ubv,
R	PKS	21 39 23.7	21 22 47.1					Ne V 3426					002	462			1159,1526vlbi,
	ON 238							O II 3727				1780		774			033,213fc,
								H I 4340						775			1700,1884imag
								O III 4363						1111			superluminal
								H I 4861						1591			source,2249;
														1888			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)	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 UM 497 O	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 UM 498 O	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 WDM 6 BL Lac C	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 KP 13 O	12 22 52.9 22 48 4	12 25 23.73 22 31 27.7	19.0				1.87			457 853				853rnd	
1222+135 RMB 98 O 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 TON 1530 C PG X R	12 22 56.58 22 51 49	12 25 27.40 22 35 12.7	15.49				2.048* H I 1216 2.0555 N V 1240 1.9805 C II 1335 1.9372 Si IV 1397 1.5239 O IV 1402 1.4867 N IV 1488 0.6681 C IV 1549 He II 1640 O III 1663 N III 1750 C III 1909	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, 1983,20051r 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 TON 616 C 4C 25.40 X VR25.12.02 R ON 239 B2	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 Ne III 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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES	
		DEC (1950)		DEC (2000)								ID	Z	VAR	R		ABS
1223+123		12 23 14.9	12 25 47.12	12 25 47.12	12 4 14.4	18.8			2.170*		2.142	1290	1627			1627	19.4B(J)mag, 21
O		12 20 50.6	12 4 14.4													2263	
1223-157	R10.30	12 23 22.2	12 25 58.01	12 25 58.01	16 0 13.3	16.2 *			1.74			2277	2277				
		-15 43 37	-16 0 13.3														
1223+338	NGC 4395	12 23 24	12 25 52.99	12 25 52.99	33 32 54.0	19.2			0.77				542				6.17 arcmin
C	UB 1	33 49 30	33 32 54.0														from NGC 4395, 2118
1223+338	NGC 4395	12 23 24	12 25 52.99	12 25 52.99	33 32 54.0	18.7			(1.677)				540				15.77 arcmin
C	U 3	33 49 30	33 32 54.0														from anon gal, 0.0220zgal, NGC 4395 near, 2118
1223+338	NGC 4395	12 23 24	12 25 52.99	12 25 52.99	33 32 54.0	18.4			1.038				540				5.48 arcmin
C	B6	33 49 30	33 32 54.0														from anon gal, 0.0220zgal, NGC 4395 near, 2118
1223+338	NGC 4395	12 23 24	12 25 52.99	12 25 52.99	33 32 54.0	18.7			1.265				540				2.42 arcmin
C	UB 1	33 49 30	33 32 54.0														from anon gal, 0.0220zgal, NGC 4395 near, 2118
1223+164		12 23 27.46	12 25 59.12	12 25 59.12	16 10 21.1	18.7			1.930				1765	1765			1765Jmag
O		16 26 57.2	16 10 21.1														
1223-108		12 23 31.29	12 26 6.46	12 26 6.46	19 7 49.1	19.74			1.872				2185	2185			2185B(J)mag
O		-10 51 12.9	-11 7 49.1														
1223-112		12 23 31.87	12 26 7.09	12 26 7.09	19 30 17.6	19.91			1.828				2185	2185			2185B(J)mag
O		-11 13 41.4	-11 30 17.6														
1223-108		12 23 32.16	12 26 7.33	12 26 7.33	19 8 0.6	19.26			0.383				2185	2185			2185B(J)mag
O		-10 51 24.4	-11 8 0.6														
1223+178		12 23 35.78	12 26 7.23	12 26 7.23	17 36 49.2	18.1			2.918+				1765	1765		1765	1765Jmag
O		17 53 25.2	17 36 49.2														
1223+124		12 23 42.77	12 26 14.95	12 26 14.95	12 9 26.1	18.5			0.872+				1765	1765		1765	1765Jmag
O		12 26 2.1	12 9 26.1														
1223+110		12 23 43.88	12 26 16.24	12 26 16.24	10 48 50.9	18.2			0.829				1765	1765			1765Jmag
O		11 5 26.9	10 48 50.9														
1223-111		12 23 50.65	12 26 25.88	12 26 25.88	11 25 53.2	20.16			(3.380)				2185	2185			2185B(J)mag
O		-11 9 17.1	-11 25 53.2														
1223+227	KP 14	12 23 56.2	12 26 26.91	12 26 26.91	22 28 24.2	21.0			1.93				457	853			853rnd
O		22 45 0	22 28 24.2														
1223+173		12 23 58.58	12 26 30.07	12 26 30.07	17 6 42.4	18.1			2.420				1765	1765			1765Jmag
O		17 23 18.2	17 6 42.4														
1224-110		12 24 0.76	12 26 35.98	12 26 35.98	19 18 19.4	19.87			2.565				2185	2185			2185B(J)mag
O		-11 1 43.4	-11 18 19.4														
1224+138		12 24 3.61	12 26 35.58	12 26 35.58	13 32 51.9	18.2			1.830+				1765	1765			1765Jmag
O		13 49 27.7	13 32 51.9														
1224-111		12 24 35.17	12 27 10.43	12 27 10.43	11 23 42.1	20.12			(2.290)				2185	2185			2185B(J)mag
O		-11 7 6.4	-11 23 42.1														
1224-109		12 24 35.41	12 27 10.65	12 27 10.65	11 13 23.1	19.97			(2.142)				2185	2185			2185B(J)mag
O		-10 56 47.4	-11 13 23.1														
1224-109		12 24 36.79	12 27 12.03	12 27 12.03	11 11 12.1	19.54			1.424				2185	2185			2185B(J)mag
O		-10 54 36.4	-11 11 12.1														
1224+160		12 24 37.81	12 27 9.43	12 27 9.43	15 48 14.9	18.7			0.532				1765	1765			1765Jmag
O		16 4 50.4	15 48 14.9														
1224+127		12 24 41.2	12 27 13.28	12 27 13.28	12 28 4.6	18.6			2.167+				1290	1627		1765	
O		12 44 40.1	12 28 4.6										1765	1765			

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)	DEC (1950)	DEC (2000)							ID	Z	VAR	R	ABS	
1224+095 X	12 24 44.0 9 30 45.8	12 27 16.52 9 14 10.3	18.73	.70	-.32	0.731	Mg II 2798 Ne V 3426	771 771							771ubv,1026, 1207,1261mag 19.3B(J)mag,21	
1224-112 O	12 24 47.36 -11 13 51.8	12 27 22.65 -11 30 27.4	19.95			(0.600)		2185 2185							2185B(J)mag	
1224-112 O	12 24 49.58 -11 16 59.3	12 27 24.88 -11 33 34.9	15.37			1.979		2185 2185							2185B(J)mag	
1224+156 O	12 24 52.55 15 38 17.6	12 27 24.21 15 21 42.2	18.0			1.761		1765 1765							1765Jmag	
1224+143 O	12 24 55.6 14 18 27.8	12 27 27.44 14 1 52.4	20.5			2.290	H I 1216 N V 1240	1290 1290								
1224-110 O	12 24 55.78 -11 4 15.7	12 27 31.06 -11 20 51.2	20.37			(1.883)		2185 2185							2185B(J)mag	
1224+290 C	12 24 58.1 29 5 18	12 27 27.65 28 48 42.7	17			2.25	H I 1216 C IV 1549 C III 1909	1371 1992							1992Bmag	
1225-108 O	12 25 3.00 -10 48 14.9	12 27 38.25 -11 4 50.4	20.59			2.242		2185 2185							2185B(J)mag	
1225+150 O	12 25 24.82 15 2 53.4	12 27 56.52 14 46 18.3	17.7			0.854		1765 1765							1765Jmag	
1225-017 O	12 25 25.2 -1 46 28	12 27 59.23 -2 3 3.2	18			2.88	O VI 1034 H I 1216	922 922								
1225+206 BL Lac R X	4C 20.29 PKS ON 241 DW	12 25 40.5 20 40 23	12 28 11.33 20 23 48.0	18	*	.23	-.72		033		033	800 1086			829,2112x, 032sp	
1225+086 O	12 25 46.25 8 36 50.8	12 28 18.84 8 20 15.8	17.7			1.470		1765 1765							1765Jmag	
1225+152 O	12 25 50.53 15 12 29.4	12 28 22.17 14 55 54.5	18.0			2.007		1765 1765							1765Jmag	
1225-137 R10.25	12 25 51.4 -13 47 21	12 28 27.12 -14 3 56.1	19.2 *			2.26		2277 2277								
1225+317 R X	B2	12 25 55.94 31 45 12.6	12 28 24.84 31 28 37.8	15.87	.28	-.68	2.219*	H I 1216 2.1199 Si IV 1397 2.1103 O IV 1402 1.8974 C IV 1549 1.8867 He II 1640 1.7956 C III 1909 1.6307 1.6250 1.3586	138 326 659	731 790 326 1170 562	326 326 562 562	322,1451ubv, 704,1202pol, 950,1319, 1617ir,696, 912,1980x,582, 584,726,727, 1000sp, 1108absr,918, 1941uv, 1018phot Ly alpha abs, 562				
1225+113 O	12 25 57.07 11 20 28.9	12 28 29.27 11 3 54.0	17.63			0.168		1765 1765							1765Jmag	
1225+161 O	12 25 57.47 16 10 57.7	12 28 28.96 15 54 22.8	18.7			2.232		1765 1765							1765Jmag	
1225-112 O	12 25 59.30 -11 12 12.5	12 28 34.66 -11 28 47.5	19.97			(1.649)		2185 2185							2185B(J)mag	
1226+152 O	12 26 0.99 15 14 57.3	12 28 32.61 14 58 22.5	18.2			1.408		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)	DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
1226+105 R	12 26 10 35	4.61 16.4	12 28 10 18	36.91 41.6	18.5			2.305*	H I O I Si IV O IV C IV He II N III C III C II	1216 1304 1397 1402 1549 1640 1750 1909 2326	2.1981	1765	019 589 1765 2049 2281	1818 1891	589 2049	1108absr 1795rpol jet
1226+154 O	12 26 15 26	16.43 53.2	12 28 15 10	48.00 18.5	18.2			1.122				2183	2183			2183B(J)mag
1226+167 O	12 26 16 44	24.27 29.4	12 28 16 27	55.64 54.8	18.3			1.285				1765	1765			1765Jmag
1226+112 O	12 26 11 15	25.87 29.8	12 28 10 58	58.05 55.2	18.2			1.980				1765	1765			1765Jmag
1226+130 O	12 26 13 2	26.1 2.5	12 28 12 45	58.02 27.9	20.2			2.502	H I N V	1216 1240		1290	1290			pos & B(J)mag, 2274; 39.7 arcmin from 3C 274,2118
1226-111 O	12 26 -11 6	26.16 43.2	12 29 -11 23	1.53 18.0	19.30			2.455				2185	2185			2185B(J)mag

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		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,
															2002eulvar,
															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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
	DEC (1950)	DEC (2000)									ID	Z	VAR	R		ABS
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 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				
1228+167	1E X	12 28 6.9 16 42 19	12 30 38.13 16 25 45.3	17.5	.35	0.839	Mg II 2798	1269 1269 1765 1765								1269ubv	
1228-108	O	12 28 16.13 -10 48 40.3	12 30 51.56 -11 5 14.1	19.58		2.392		2185 2185								2185B(J)mag	
1228-015	O	12 28 17.04 -1 30 30.6	12 30 51.05 -1 47 4.3	18.1		0.706		2183 2183								2183B(J)mag	
1228+112	RMB 207 O	12 28 22.0 11 16 44	12 30 54.07 11 0 10.4	18.0		0.235		1290 1290 1765 1765									
1228+181	O	12 28 26.03 18 8 12.2	12 30 56.99 17 51 38.7	18.3		2.643		1765 1765								1765Jmag	
1228+076	KP 17 O	12 28 35.3 7 41 12	12 31 7.92 7 24 38.5	17.5		1.878	H I 1216 C IV 1549 C III 1909	457 1059 457 867								853rnd,1059sp	
1228-020	C	12 28 39.8 -2 0 30.7	12 31 13.89 -2 17 4.2	18.98		-0.76	0.274	1203 1203								1203ubv, 19.2B(J)mag	
1228+123	1E X	12 28 41.2 12 19 40	12 31 13.09 12 3 6.6	17.10	.93	-0.57	0.116	771 771								771ubv,1910sp 21.17 arcmin from 3C 274, 2118	
1228+122	O	12 28 44.53 12 16 57.6	12 31 16.42 12 0 24.2	17.3		1.400+		1765 1765								1765Jmag, 1765BAL?	
1228+077	KP 18 O R	12 28 47.9 7 42 31	12 31 20.51 7 25 57.6	17.59	-0.01	-0.07	2.391*	O VI 1034 2.1367 H I 1216 2.0192 N V 1240 1.8971 C IV 1549 1.3003 0.0712	496 1059 457 496 867			853 1059 1747 2228 2263	1059sp,457fc, 1485ubv 204 arcsec from KP 17, 1059				
1228+176	O	12 28 50.14 17 38 22.5	12 31 21.15 17 21 49.2	18.7		0.403		1765 1765								1765Jmag	
1228+141	O	12 28 55.86 14 11 21.5	12 31 27.43 13 54 48.3	18.7		0.511		1765 1765								1765Jmag	
1228+160	O	12 28 57.77 16 2 43.5	12 31 29.03 15 46 10.3	17.6		0.512		1765 1765								1765Jmag	
1229+085	O	12 29 1.37 8 34 31.0	12 31 33.83 8 17 57.8	18.6		0.766		2183 2183								2183B(J)mag	
1229+115	O	12 29 6.7 11 33 49	12 31 38.68 11 17 15.8	18.5		1.027	Mg II 2798	1290 1290 1765 1765									
1229+116	O	12 29 12.4 11 37 48.5	12 31 44.37 11 21 15.4	19.7		1.80	H I 1216 C IV 1549	1290 1439 1439									
1229+405	B3 R	12 29 14.2 40 34 5	12 31 40.43 40 17 32.0	19.0		0.649	Mg II 2798	1990 2270									
1229+142	O	12 29 15.3 14 14 2	12 31 46.84 13 57 28.9	19.0		2.862+	H I 1216 N V 1240	1290 1290 1765 1765								1765	
1229+149	O	12 29 16.7 14 54 16.3	12 31 48.13 14 37 43.3	19.2		2.320		1290 1627									
1229+645	1E BL Lac X R	12 29 18 64 30 0	12 31 33.34 64 13 27.1	16.89		0.17		1696 1696			2083					1.38 arcmin from NGC 4510, 0.009zgal,14.2 vgal,1696,2118	
1229+155	O	12 29 19.07 15 31 20.8	12 31 50.39 15 14 47.8	18.7		2.270		1765 1765								1765Jmag	
1229+117	O	12 29 22.3 11 45 51.9	12 31 54.23 11 29 18.9	18.8		(2.23)		1290 1627								pos & B(J)mag, 2274; 9.77 arcmin from NGC 4497,2118	
1229-108	O	12 29 25.80 -10 52 41.9	12 32 1.31 -11 9 15.0	20.15		1.904		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)	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	571 054 436 1365 2183	006 249 290 756 760	128 775 789 1111 1877	054 439 560 571 1365	112,736ubv, 156,1202pol, 1320rpol,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	ABS		
1230+097 O	12 30	53.64	12 33	25.82	16.2			0.420		1765	1765				1765Jmag	
	9 47	54.6	9 31	22.5												
1230+137 O	12 30	55.77	12 33	27.27	18.2			0.840		1765	1765				1765Jmag	
	13 45	57.1	13 29	25.0												
1230+096 O	12 30	57.53	12 33	29.72	18.4			1.840		1765	1765				1765Jmag	
	9 41	49.3	9 25	17.2												
1231+480 R	12 31	0	12 33	23.43	17			0.379			2060		2060		ref for z is Wills et al. in prep, per 2060	
	48 0	0	47 43	28.1												
1231+082 O	12 31	0.54	12 33	32.97	18.2			1.500		1765	1765				1765Jmag	
	8 16	47.6	8 0	15.6												
1231+349 R	12 31	1.04	12 33	28.30	19.3			0.847		1446	1447					
	34 56	14.6	34 39	42.7												
1231+312 O	TON 83 CSO 150	12 31	13.62	12 33	41.69	16.2		0.29	Mg II 2798 H I 4102 H I 4861	1371	1369				1478fc	
		31 17	33.7	31 1	1.9											
1231+174 O		12 31	18.12	12 33	48.93	18.6		0.621	Mg II 2798	1765	1765				1765Jmag	
		17 28	28.5	17 11	56.7											
1231+153 O		12 31	23.20	12 33	54.40	18.7		1.745		1765	1765				1765Jmag	
		15 18	36.2	15 2	4.4											
1231+164 O		12 31	25.50	12 33	56.49	18.8		0.999		2183	2183				2183B(J)mag	
		16 27	25.1	16 10	53.4											
1231+294 C	CSO 151 TON 621	12 31	26.9	12 33	55.35	16		2.011+	Si IV 1397 O IV 1402 C III 1909	1371	1992		1992		1992Bmag	
		29 24	24	29 7	52.3											
1231-021 O		12 31	30.62	12 34	4.77	18.3		1.443		2183	2183				2183B(J)mag	
		-2 9	56.9	-2 26	28.7											
1231-109 O		12 31	30.77	12 34	6.41	19.41		2.319		2185	2185				2185B(J)mag	
		-10 58	26.7	-11 14	58.5											
1231+082 O		12 31	57.08	12 34	29.48	18.0		1.190		1765	1765				1765Jmag	
		8 13	37.7	7 57	6.2											
1231+120 O		12 31	58.86	12 34	30.59	18.5		1.210		1765	1765				1765Jmag	
		12 3	41.7	11 47	10.3											
1232-109 O		12 32	3.54	12 34	39.21	20.69		2.263		2185	2185				2185B(J)mag	
		-10 59	51.5	-11 16	23.0											
1232+082 O		12 32	5.17	12 34	37.56	18.4		2.570+		1765	1765		1765		1765Jmag	
		8 15	12.1	7 58	40.7											
1232-108 O		12 32	9.68	12 34	45.33	21.66		2.246		2185	2185				2185B(J)mag	
		-10 51	1.8	-11 7	33.2											
1232+116 O		12 32	24.71	12 34	56.48	18.4		2.870		1765	1765				1765Jmag	
		11 39	47.4	11 23	16.3											
1232+134 O		12 32	26.8	12 34	58.26	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	
		13 25	26.4	13 8	55.3											
1232-112 O		12 32	26.86	12 35	2.60	20.88		(2.400)		2185	2185				2185B(J)mag	
		-11 13	57.6	-11 30	28.8											
1232-002 C		12 32	32.1	12 35	5.93	18.86	-1.19	1.890	H I 1216 N V 1240 Si IV 1397 C IV 1549	1203	1203				1203ubv	
		-0 13	52.3	-0 30	23.4											
1232-008 O		12 32	36.64	12 35	10.58	18.4		2.783		2183	2183				2183B(J)mag	
		-0 51	15.4	-1 7	46.5											

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	ABS		
1232+145		12 32 37.62	12 35 8.86	18.6			0.920		1765	1765				1765Jmag	
O		14 33 47.6	14 17 16.6												
1232-004	QNY1:13	12 32 56.1	12 35 29.96	19.13		-0.71	1.579	C IV 1549	1878	1878				1878Bmag	
C		-0 25 11.0	-0 41 41.9					C III 1909		2058					
1232+125	WDM 8	12 32 56.2	12 35 27.79	17.21	.28	-0.68	0.723	H I 4861	548	1290				689ubv	
C	RMB 109	12 30 10.4	12 13 39.6						1290	547				0.73 arcmin from NGC 4550, 1650;3.63 arcmin from NGC 4551,2118 17.7B(J)mag,21	
1232-249	PKS	12 32 59.4	12 35 37.83	17.36*	.18	-0.59	0.355	Mg II 2798	177	382	056	775		056,1485ubv,	
R	B1	-24 55 46	-25 12 17.0					Ne V 3426		501	290	2056		1320rpol,	
	MSH 12-27							O II 3727			745			940ext,761, 1304sp,112, 300fc, 2145imag	
								NeIII 3869							
								NeIII 3968							
								H I 4102							
								H I 4340							
								H I 4861							
								O III 4959							
								O III 5007							
1233-109		12 33 1.61	12 35 37.33	20.55			(1.884)		2185	2185				2185B(J)mag	
O		-10 57 39.7	-11 14 10.6												
1233-109		12 33 3.39	12 35 39.12	19.36			1.485		2185	2185				2183B(J)mag	
O		-10 59 3.4	-11 15 34.2												
1233-305	K06.08	12 33 6.1	12 35 45.81	18.7			3.1		2277	2277					
		-30 34 16	-30 50 46.9												
1233-108		12 33 13.68	12 35 49.39	18.94			1.902		2185	2185				2185B(J)mag	
O		-10 50 27.1	-11 6 57.8												
1233-008	QNY1:02	12 33 13.7	12 35 47.64	20.20		-1.50	1.471	C IV 1549	1878	1878				1878Bmag	
C		-0 52 35.4	-1 9 6.1					C III 1909		2058					
1233+260		12 33 18.3	12 35 47.20	20.5			2.04	H I 1216	1387	1387				7.72 arcmin from NGC 4562 and NGC 4565A, 2118	
O		26 1 18	25 44 47.5												
1233-009	QNY1:06	12 33 19.7	12 35 53.65	19.52		-1.19	1.470	C IV 1549	1878	1878				1878Bmag	
C		-0 55 18.7	-1 11 49.3					C III 1909		2058					
1233+262		12 33 21.3	12 35 50.14	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	
O		26 17 12	26 0 41.5												
1233-107		12 33 21.45	12 35 57.16	21.19			(2.12)		2185	2185				2185B(J)mag	
O		-10 47 15.3	-11 3 45.9												
1233-006	QNY1:09	12 33 28.6	12 36 2.50	20.87		-1.26	(1.097)	C III 1909	1878	1878				1878Bmag	
C		-0 36 4.5	-0 52 35.0							2058					
1233+264		12 33 28.7	12 35 57.47	19.1			2.40	H I 1216	1439	1439				4.33 arcmin from NGC 4565B 5.43 arcmin from NGC 4565C 2118	
O		26 29 54	26 13 23.6					C IV 1549							
1233+006		12 33 29.17	12 36 2.84	18.4			1.573		2183	2183				2183B(J)mag	
O		0 40 12.8	0 23 42.3												
1233+108	MC 2	12 33 32.7	12 36 4.55	18.8			0.665	Mg II 2798	343	019	1111			1111fc,	
R		10 51 19.7	10 34 49.3					O II 3727			1888			2183pos	
								NeIII 3869							
								NeIII 3968							
								H I 4861							
								O III 4959							
								O III 5007							

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)	DEC (1950)	DEC (2000)							ID	Z	VAR	R	ABS	
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, 2058nml	
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, 2058nml	
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, 2183nml	
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, 2058nml	
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, 2058subv	
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)	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 2058 2183 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 1290 1765 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 1290 1765 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 C	12 35 9.9 0 1 15.7	12 37 43.69 -0 15 13.7	20.45		-2.10	0.169	O II H I	3727 4861	1878 1878					1878Bmag, 2058neml	
1235+013	QNY3:56 C	12 35 10.8 1 21 2	12 37 44.34 1 4 32.6	18.84		-1.00	0.646	Mg II	2798	2058 2058					2058Bmag, 2058ubv	
1235+012	QNY3:53 C	12 35 12.2 1 16 43	12 37 45.76 1 0 13.7	21.03		-1.03	0.922	Mg II	2798	2058 2058					2058Bmag, 2058ubv	
1235-108	O	12 35 12.83 -10 50 18.9	12 37 48.65 -11 6 48.3	20.30					(2.048)	2185 2185					2185B(J)mag	
1235+113	O	12 35 12.91 11 23 27.4	12 37 44.57 11 6 58.1	18.1					0.940	1765 1765					1765Jmag	
1235-003	O	12 35 15.74 -0 19 15.5	12 37 49.59 -0 35 44.8	18.3					0.944	2183 2183					2183B(J)mag	
1235+181	O	12 35 15.98 18 7 24.6	12 37 46.31 17 50 55.4	18.7					2.405	1765 1765					1765Jmag	
1235+096	O	12 35 16.53 9 39 51.4	12 37 48.52 9 23 22.2	17.56					0.122	1765 1765					1765Jmag	
1235-182	MC R	12 35 17.12 -18 13 58.2	12 37 54.41 -18 30 27.6	19.6				2.192+	H I C IV 1216 1549	1445 1445			1445			
1235+005	QNY2:16 C	12 35 20.2 0 33 6.0	12 37 53.89 0 16 36.8	20.97		-1.80	0.866	Mg II	2798	1878 1878 2058					1878Bmag	
1235+004	QNY2:12 C	12 35 22.6 0 25 45	12 37 56.31 0 9 15.8	21.33		-1.03	(1.188)	C III	1909	1878 1878					1878Bmag	
1235+089	O	12 35 22.73 8 57 34.2	12 37 54.85 8 41 5.0	18.2					2.880+	1765 1765					1765Jmag, 1765BAL	
1235+002	QNY2:19 C	12 35 22.8 0 17 28	12 37 56.54 0 0 58.8	21.18		-0.83	1.122	C III Mg II	1909 2798	1878 1878 2058					1878Bmag	
1235+174	O	12 35 22.92 17 26 29.2	12 37 53.37 17 10 0.1	18.7					1.758	1765 1765					1765Jmag	
1235+010	QNY3:22 C	12 35 23.6 1 2 43	12 37 57.20 0 46 13.8	21.05		-1.19	1.890	C IV	1549	2058 2058					2058Bmag, 2058ubv	
1235+006	QNY2:07 C	12 35 24.5 0 36 13.2	12 37 58.18 0 19 44.0	20.14		-1.24	1.948	H I N V	1216 1240	1878 1878 2058					1878Bmag	
1235+159	O	12 35 25.07 15 57 33.1	12 37 55.82 15 41 4.0	18.7					1.159	2183 2183					2183B(J)mag	
1235+264	O	12 35 25.1 26 27 30	12 37 53.60 26 11 0.9	20.2					2.50 H I	1216	1387 1387					
1235+632	1E BL Lac X R	12 35 28.5 63 15 55.3	12 37 41.31 62 59 26.3	18.52*						1233	1764 1233 2083				1481sp,1764, 2107,2112x 0.297sgal,1233 1481; IRAS source,1806;	
1235+011	QNY3:01 C	12 35 30.5 1 7 43	12 38 4.08 0 51 13.9	20.12		-0.72	0.720	Mg II	2798	2058 2058					2058Bmag, 2058ubv	
1235+156	O	12 35 30.91 15 36 57.8	12 38 1.72 15 20 28.7	18.6					1.346	1765 1765					1765Jmag	
1235-117	UT R	12 35 31.4 -11 42 56	12 38 7.41 -11 59 25.2	18					1.32 C IV C III	1549 1909	1437 1437					
1235+007	QNY3:20 C	12 35 33.2 0 47 53	12 38 6.84 0 31 23.9	19.67		-0.39	0.794	Mg II	2798	2058 2058					2058Bmag, 2058ubv	
1235+008	QNY3:29 C	12 35 34.5 0 48 46	12 38 8.14 0 32 16.9	19.45		-1.23	1.041	C III	1909	2058 2058					2058Bmag, 2058ubv	
1235+011	QNY3:07 C	12 35 34.8 1 9 15	12 38 8.38 0 52 45.9	19.77		-0.60	0.808	Mg II	2798	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	ABS		
1235+005	QNY2:05	12 35 39.1	12 38 12.79	19.40						Mg II 2798	1878	2058				1878Bmag	
	C	0 31 44.1	0 15 15.1														
1235+022		12 35 39.66	12 38 13.03	17.6						0.672	2183	2183				2183B(J)mag	
	O	2 16 47.6	2 0 18.6														
1235-006	QNY4:40	12 35 42.9	12 38 16.82	19.81						-0.96 1.404	C III 1909	2058	2058			2058Bmag, 2058ubv	
	C	-0 40 28	-0 56 57.0														
1235+014	QNY3:49	12 35 49.6	12 38 23.13	19.76						-1.24 1.220	C III 1909	2058	2058			2058Bmag, 2058ubv	
	C	1 25 1	1 8 32.1														
1235+181		12 35 49.98	12 38 20.25	17.2						(0.449+ Mg II 2798	1765	1765				1765Jmag, 1765BAL	
	O	18 7 7.2	17 50 38.4														
1235+134		12 35 50.23	12 38 21.44	18.4						0.350	1765	1765				1765Jmag	
	O	13 29 15.1	13 12 46.3														
1235+264		12 35 52.8	12 38 21.25	20.4						2.70	C IV 1549	1387	1387				
	O	26 24 18	26 7 49.2							C III 1909							
1235-013	QNY5:56	12 35 53.4	12 38 27.45	20.99						-1.12 (1.562)	2058	2058				2058Bmag, 2058ubv	
	C	-1 20 51	-1 37 19.9														
1235+005	QNY2:02	12 35 54.5	12 38 28.18	20.14						-0.86 0.976	C III 1909	1878	1878			1878Bmag	
	C	0 35 33.7	0 19 4.9							Mg II 2798	2058	2058					
1235+000	QNY2:27	12 35 55.1	12 38 28.88	20.13						-0.79 1.568	C IV 1549	1878	1878			1878Bmag	
	C	0 5 51.7	-0 10 37.1							C III 1909	2058	2058					
1235+008	QNY3:14	12 35 57.8	12 38 31.42	20.72						-0.41 0.275	2058	2058				2058Bmag, 2058ubv, 2058neml	
	C	0 53 48	0 37 19.2														
1235+175		12 35 58.08	12 38 28.45	18.7						1.631	1765	1765				1765Jmag	
	O	17 34 25.9	17 17 57.2														
1235+115		12 35 58.47	12 38 30.06	18.2						0.360	1765	1765				1765Jmag	
	O	11 31 58.7	11 15 30.0														
1235+014	QNY3:44	12 35 58.6	12 38 32.13	19.34						-0.86 1.436	C IV 1549	2058	2058			2058Bmag, 2058ubv	
	C	1 24 42	1 8 13.2							C III 1909							
1236+263		12 36 1.9	12 38 30.35	20.4						2.20	H I 1216	1387	1387				
	O	26 18 54	26 2 25.4														
1236-009	QNY4:30	12 36 3.1	12 38 37.07	20.11						-1.07 1.073	C III 1909	2058	2058			2058Bmag, 2058ubv	
	C	-0 56 23	-1 12 51.8														
1236+180		12 36 5.28	12 38 35.55	18.7						0.517	2183	2183				2183B(J)mag	
	O	18 2 12.2	17 45 43.6														
1236+001	QNY2:32	12 36 6.8	12 38 40.56	19.95						-0.58 1.610	C IV 1549	1878	1878			1878Bmag	
	C	0 10 32.4	-0 5 56.3							C III 1909	2058	2058					
1236+000	QNY2:29	12 36 10.7	12 38 44.48	19.28						-0.82 0.870	Mg II 2798	1878	1878			1878Bmag	
	C	0 4 47.2	-0 11 41.5								2058	2058					
1236-008	QNY4:42	12 36 14.4	12 38 48.35	21.01						-0.72 0.713	Mg II 2798	2058	2058			2058Bmag, 2058ubv	
	C	-0 50 32	-1 7 0.6														
1236+011	QNY3:09	12 36 17.7	12 38 51.27	21.25						-0.20 0.190	2058	2058				2058Bmag, 2058ubv, 2058neml	
	C	1 10 58	0 54 29.4														
1236+011	QNY3:06	12 36 21.8	12 38 55.37	20.89						-0.29 0.277	2058	2058				2058Bmag, 2058ubv, 2058neml	
	C	1 9 9	0 52 40.5														
1236+157		12 36 22.05	12 38 52.77	17.8						0.315	1765	1765				1765Jmag	
	O	15 43 27.6	15 26 59.1														
1236-007	QNY4:45	12 36 22.2	12 38 56.14	20.36						-0.87 0.208	2058	2058				2058Bmag, 2058ubv	
	C	-0 47 4	-1 3 32.5														
1236-007	QNY4:41	12 36 22.2	12 38 56.13	18.74						-0.96 1.843	C IV 1549	2058	2058			2058Bmag, 2058ubv	
	C	-0 43 2	-0 59 30.5							C III 1909	2183	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		ABS
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 1 8 6	12 39 0.58 0 51 37.5	19.30			-0.77	1.590	C IV 1549 C III 1909		2058 2058				2058Bmag, 2058ubv	
1236+010 C	QNY3:13 1 2 10	12 39 1.30 0 45 41.5	21.19			-0.10	0.336			2058 2058				2058Bmag, 2058ubv, 2058neml	
1236-008 C	QNY4:33 -0 53 8	12 39 2.66 -1 9 36.4	21.02			-0.21	0.727	Mg II 2798		2058 2058				2058Bmag, 2058ubv	
1236-011 C	QNY5:45 -1 11 47	12 39 4.92 -1 28 15.4	20.64			-0.98	1.275	C III 1909		2058 2058				2058Bmag, 2058ubv	
1236+004 C	QNY2:26 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 1 5 57	12 39 9.98 0 49 28.7	20.95			-0.22	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 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 -0 22 10	12 39 32.77 -0 38 38.1	19.13			-0.63	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 -10 7 0.4	12 39 43.03 -10 23 28.4	17.22*			-0.03	-0.75	(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 -0 26 30	12 39 44.98 -0 42 57.9	19.57			-0.91	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 -1 0 43	12 39 51.59 -1 17 10.9	20.83			-0.73	0.418	Mg II 2798		2058 2058				2058Bmag, 2058ubv	
1237-004 C	QNY4:52 -0 24 44	12 39 52.98 -0 41 11.8	21.16				0.07	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 -1 16 40	12 39 55.84 -1 33 7.8	20.34			-0.77	0.247			2058 2058				2058Bmag, 2058ubv, 2058neml	
1237-011 C	QNY5:27 -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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS				
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					1203ubv	
	C	-0 54 17.8	-1 10 45.6							2058	2058						
1237-004	QNY4:64	12 37 29.2	12 40 3.07	21.24			-0.42	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					1203ubv	
	C	1 7 55.7	0 51 28.1								2183						
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			-0.66	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					1203ubv	
	O	0 39 22.7	0 22 55.8								2183						
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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS			
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					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,	
	R	-29 26 57.7	-29 43 23.2					Mg II 2798 Ar IV 2854 Ar IV 2869			419		2056			1485ubv, 1526vlbi, 1898pos	
1240+158		12 40 30.51	12 43 0.87	18.8			0.573+			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	ABS		
1240+150		12 40 42.40	12 43 12.92	18.0			1.852					1765	1765				1765Jmag	
O		15 4 38.2	14 48 13.0															
1240-000	F861:70	12 40 49.5	12 43 23.31	21.75	.56	-.97	(1.508)	C IV 1549				2214	2214					
C		-0 2 19	-0 18 44.2					C III 1909										
1240-000	F861:66	12 40 56.6	12 43 30.41	18.78	.49	-.67	0.791	C III 1909				2214	2214					
C		-0 4 18	-0 20 43.1					Mg II 2798										
1240+177		12 40 56.64	12 43 26.52	18.0				0.549				2183	2183				2183B(J)mag	
O		17 46 0.9	17 29 35.9															
1241+095		12 41 10.08	12 43 41.81	17.4				0.19				2183	2183				2183B(J)mag	
O		9 33 31.3	9 17 6.5															
1241+124		12 41 12.03	12 43 43.11	17.8				0.320				1765	1765				1765Jmag	
O		12 28 23.8	12 11 59.0															
1241+154		12 41 14.41	12 43 44.81	18.3				1.392				1765	1765				1765Jmag	
O		15 24 46.2	15 8 21.4															
1241+087		12 41 20.47	12 43 52.37	18.3				0.380				1765	1765				1765Jmag	
O		8 44 47.0	8 28 22.3															
1241+166	3CR 275.1	12 41 27.58	12 43 57.68	19	*	.23	-.43	0.557	Mg II 2798			008	102	506	128		008ubv,	
R	4C 16.34	16 39 18	16 22 53.4						O II 3727			1765	1765		462		1526vlbi,050,	
	PKS														775		306fc,1922sp,	
	ON 169														787		2180spext	
	NRAO 406														789		1795,1796,2091	
	DA 330														916		rpol jet;	
															1531		1675imag/ext;	
															1545		3.5arcmin from	
															1804		NGC 4651,2118	
															1891			
															2013			
1241+139		12 41 29.06	12 43 59.79	18.5				1.768				1765	1765				1765Jmag	
O		13 56 1.2	13 39 36.6															
1241+011		12 41 37.99	12 44 11.55	18.4				0.786				2183	2183				2183B(J)mag	
O		1 7 1.9	0 50 37.4															
1241+176	PG	12 41 41.0	12 44 10.85	15.38				1.273	C IV 1549			1117	1117	2011			1487,1980,	
C		17 37 29	17 21 4.6						C III 1909								2112x,1598,	
X																	2251sp,	
R																	1352spvar,	
																	1729,2005ir,	
																	2061uv	
																	faint gals	
																	near,2118	
1241-008		12 41 41.85	12 44 15.82	18.2				1.314				2183	2183				2183B(J)mag	
O		-0 48 5.9	-1 4 30.4															
1242+175		12 42 5.87	12 44 35.69	18.8				1.592				2183	2183				2183B(J)mag	
O		17 35 57.7	17 19 33.7															
1242-013		12 42 22.12	12 44 56.22	17.3				0.491				2183	2183				2183B(J)mag	
O		-1 23 10.6	-1 39 34.5															
1242+178		12 42 29.12	12 44 58.85	17.9				0.265				1765	1765				1765Jmag	
O		17 49 21.8	17 32 58.1															
1242+170		12 42 37.51	12 45 7.42	18.5				1.477				1765	1765				1765Jmag	
O		17 1 11.2	16 44 47.6															
1242+110		12 42 37.79	12 45 9.12	18.24				0.170				1765	1765				1765Jmag	
O		11 0 6.2	10 43 42.6															
1242+022		12 42 43.17	12 45 16.48	18.3				1.988				2183	2183				2183B(J)mag	
O		2 13 3.5	1 56 39.9															
1242+001	UM 516	12 42 50.82	12 45 24.59	17.7				2.076	H I 1216			922	2183					
O		0 6 44.5	-0 9 39.0						C IV 1549				922					
1242+173		12 42 51.97	12 45 21.79	18.6				0.540				2183	2183				2183B(J)mag,	
O		17 19 32.5	17 3 9.1														2183neml	

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	ABS	
1242+175		12 42 53.91	12 45 23.67	18.7			1.833			1765	1765				1765Jmag
o		17 32 38.1	17 16 14.7												
1242+135		12 42 55.08	12 45 25.81	18.5			0.931			2183	2183				2183B(J)mag
o		13 30 9.6	13 13 46.2												
1242+176		12 42 57.08	12 45 26.82	18.0			1.857			1765	1765				1765Jmag
o		17 37 15.1	17 20 51.8												
1243+025		12 43 0.70	12 45 33.92	18.0			0.718			2183	2183				2183B(J)mag
o		2 34 29.0	2 18 5.7												
1243+149		12 43 5.20	12 45 35.57	17.7			(0.580)	Mg II 2798		1765	1765				1765Jmag
o		14 56 37.0	14 40 13.8												
1243-001		12 43 7.13	12 45 40.97	18.2			1.682			2183	2183				2183B(J)mag
o		-0 11 22.5	-0 27 45.8												
1243+013		12 43 17.95	12 45 51.44	18.5			2.798+			2183	2183				2183B(J)mag, 2183BAL
o		1 21 27.2	1 5 4.1												
1243-072	PKS R ON 073	12 43 28.81	12 46 4.26	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	KP 22	12 43 45.3	12 46 10.12	20.0			2.29	O VI 1034 H I 1216 C IV 1549		457	867				912xnd,853rnd
o		34 37 25	34 21 2.4												
1243+170		12 43 58.28	12 46 28.07	17.9			0.457			1765	1765				1765Jmag
o		17 1 44.7	16 45 22.2												
1244+139		12 44 4.58	12 46 35.11	18.8			0.601			2183	2183				2183B(J)mag
o		13 58 58.4	13 42 36.0												
1244+345	KP 23	12 44 5.3	12 46 30.08	20.0			1.96	H I 1216 C IV 1549		457	867				912xnd,853rnd
o		34 33 5	34 16 42.7												
1244+009		12 44 5.73	12 46 39.30	17.4			0.13			2183	2183				2183B(J)mag
o		0 59 53.9	0 43 31.5												
1244+170		12 44 6.08	12 46 35.85	17.7			1.582			1765	1765				1765Jmag
o		17 3 18.0	16 46 55.6												
1244-255	PKS R	12 44 6.66	12 46 46.75	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	
o		-25 31 25.5	-25 47 48.0												
1244+026		12 44 8.53	12 46 41.72	17.9			0.934			2183	2183				2183B(J)mag
o		2 40 32.9	2 24 10.5												
1244+346	KP 24	12 44 8.8	12 46 33.53	20.0			(1.9)			457	853				853rnd,912xnd
o		34 41 4	34 24 41.7												
1244+114		12 44 9.27	12 46 40.40	18.4			3.160*			1765	1765	1765			1765Jmag Ly limit abs 2247
o		11 29 25.0	11 13 2.7												
1244+346	KP 25	12 44 14.5	12 46 39.21	19.5			2.30	H I 1216 C IV 1549		457	867 457				853rnd,912xnd
o		34 40 55	34 24 32.8												
1244+167		12 44 17.33	12 46 47.17	18.7			2.865			1765	1765				1765Jmag
o		16 42 36.1	16 26 13.9												
1244+134		12 44 23.38	12 46 54.01	17.0			0.510			1765	1765				1765Jmag
o		13 29 32.7	13 13 10.6												
1244+097		12 44 26.77	12 46 58.29	18.3			2.340			1765	1765				1765Jmag
o		9 47 7.2	9 30 45.1												
1244+381	AB 4 C	12 44 28.99	12 46 52.43	18.14	.03	-.39	1.27					1115			178ubv
o		38 6 36.4	37 50 14.4												

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)	DEC (1950)	DEC (2000)							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	KP 26 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 1551 2263	853rnd,912xnd prob damped 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	346 490 178 1872 490 1872			1872 2228 2263	178ubv,2251sp, 853rnd,912xnd		
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	1765Jmag	
1245+343 O	KP 27 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	UM 519 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 R	ON 176 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	KP 28 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	KP 29 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	K06.03 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	UM 520 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	BSO 1 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	179 063 490 1699 179 875 560 1901 1068 2263 1902			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		179 179 490 1699 435 867 875 1068 1902			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		REFERENCES				NOTES
	DEC (1950)	DEC (2000)	DEC (1950)	DEC (2000)		Z(ABS)	ID		Z	VAR	R	ABS			
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	409 1479 409 470 1711	1213 470 954 1110 1512 1711 2228 2263	1479	1213	470	704,1202pol, 780,1983ir, 873,912xnd, 1013varnd, 1586rnd, 1485Subv,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 3.13 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 6 17.8 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 55 24.20 36.0	12 50 -28 11 5.49 55.6	17.5			0.184				2193 2194					
1247+268 O	12 47 26 50 25.0 36	12 49 26 34 51.69 16.6	20.0			0.978	C III 1909 Mg II 2798			1438 1692					
1247+267 C	PG LB 19 12 47 26 47 39.0 28	12 50 26 31 5.67 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 772uv,1598sp, 1000 1729,2005ir, 1747 2112x 1872 61.5 arcmin 2228 from NGC 4725, 2263 1650; faint gals near,2118 Ly limit abs, z=1.218,722					
1247+272 O	12 47 27 15 39.8 59	12 50 26 59 6.32 39.8	19.8			0.968*	C III 1909 Mg II 2798			1438 1723 1692				1723BAL	
1247+270 O	12 47 27 0 46.5 25	12 50 26 44 13.09 5.9	19.6			1.507	C IV 1549 C III 1909			1438 1692					
1247+269 O	12 47 26 59 49.4 57	12 50 26 43 15.98 38.0	18.5			1.778	H I 1216 C IV 1549 C III 1909			1438 1692					
1247+271 O	12 47 27 9 57.1 47	12 50 26 53 23.61 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 32 0.12 59.3	12 50 30 16 25.53 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 27 15 8.9 52	12 50 26 59 35.35 33.3	20.5			(1.9)	H I 1216 C IV 1549			1438 1438					

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

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	ABS			
1251+367		12 51 57.0	12 54 19.37	19.0			3.13	H I 1216		1387	1387				
O		36 44 0	36 27 45.0												
1251+362		12 51 59.4	12 54 21.95	20.0			2.40	C IV 1549		1387	1387				
O		36 16 54	36 0 39.0					C III 1909							
1252+119	PKS	12 52 7.72	12 54 38.26	16.17*	.35	-.75	0.871	C III 1909	047	154	248	128		047ubv,156,	
R	ON 187	11 57 21.1	11 41 6.2					Mg II 2798		085	253	1152		1202pol,912,	
X	MC 2							Mg II 2804		098	290	1888		1980x,749pos,	
								Ar IV 2869			753			910rvar,958sp,	
								Mg V 2931			756			758FeIIem,050,	
								O III 3133			875			343fc,	
											1068			1526vlbi,	
														1789mm	
														1902avg ph mag	
1252+012	UM 524	12 52 21.3	12 54 54.76	18			2.38	H I 1216		922	922				
O		1 16 23	1 0 8.3					C IV 1549							
1252+362		12 52 23.7	12 54 46.17	20.5			2.77	H I 1216		1387	1387				
O		36 16 48	36 0 33.4												
1252+369		12 52 24.4	12 54 46.57	19.5			1.94	C IV 1549		1387	1387				
O		36 59 0	36 42 45.5					C III 1909							
1252+020		12 52 46.4	12 55 19.66	15.48			0.345			2280	2280				
		2 0 27	1 44 12.7												
1252+366		12 52 54.8	12 55 17.02	20.5			2.17	H I 1216		1387	1387				
O		36 36 12	36 19 58.0					C IV 1549							
								C III 1909							
1252+359	B 114	12 52 57.94	12 55 20.44	17.46*	.08	-.90	(0.221)	Mg II 2798	179	179	490			178,179ubv,	
C	AB 47	35 55 24.2	35 39 10.2					Ne V 3426			875			853rnd	
								H I 4861			1068			1902avg Bmag	
											1902				
1253+370		12 53 0.0	12 55 22.03	20.0			2.42	C IV 1549		1387	1387				
O		37 1 24	36 45 10.1					C III 1909							
1253+359	BF 8	12 53 32.1	12 55 54.47	19.60	.11	-.61	2.09			1301	1070			1301ubv	
C		35 56 42	35 40 28.6												
1253-055	3C 279	12 53 35.89	12 56 11.23	16.84*	.26	-.56	0.538	Mg II 2798	136	181	099	128		008,1485ubv,	
R	4C 05.55	-5 31 8.4	-5 47 21.9					Ar IV 2854		154	183	794		099,183,703,	
X	ON 089							Ar IV 2869			248	796		900,1201,1541,	
	NRAO 413							Mg V 2931			256	801		1730,1988,	
	PKS							Ne V 3345			280	837		2062,2103pol,	
	MSH 12-020							Ne V 3426			290	898		280,324,1188,	
	CTA 56							O II 3727			739	934		2229sp,	
								NeIII 3869			753	993		1018phot,1357,	
								H I 3889			875	1076		1649,1971mf,	
											1068	1128		1027,1028,	
											1902	1167		1789mm,1195,	
											2163	1212		1753xvar,799,	
												1229		1141,1144,	
												1340		1399,1580,	
												1367		1589ir,887,	
												1557		1721rvar,696,	
												1771		912,1781,	
												1792		2038x,847,	
												1807		865pos,1526,	
												1930		1672vlbi,057,	
														182fc,1902,	
														2163OVV,	
														2145imag	
														superluminal	
														source,1827,	
														448,1845,1970;	
														1902avg ph mag	
1253+104	MC 2	12 53 36.78	12 56 7.68	18.2			0.824	C III 1909	020	044		1111		343fc	
R		10 25 7.2	10 8 53.8					Mg II 2798				1888		1.5arcmin from	
														anon gal,14.0	
														vgal,2118	
1253-056	1E	12 53 38.2	12 56 13.58	19.97			0.420	O II 3727		1233	1233			1233x	
X		-5 39 49.4	-5 56 2.8					O III 4363							
								H I 4861							

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		ABS
1253+358	BF 12 C	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	US 19 C	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	BF 16 C	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	BF 17 C	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	PG C PB 4381 R	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	BF 30 C X	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	US 39 C	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- plets 62 and 63, 1116
1254+006	PKS R 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	PKS R	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	BF 36 C	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	BF 38 C	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	BF 41 C	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	B 142 C AB 62 R	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	BF 46 C	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 1.89 37 0 40.7	12 57 23.49 36 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 2.14 35 21 20.6	12 57 24.46 35 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 8.3 35 59 32	12 57 30.32 35 43 20.3	18.56	.05	-.67	0.53			Mg II 2798 Ne V 3426 Ne III 3869 H I 4340 H I 4861	1115				1115x,1301ubv	
1255-316	PKS R ON 392	12 55 15.19 -31 39 4.4	12 57 59.08 -31 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 20.0 27 48 20	12 57 45.21 27 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 24.4 28 15 57	12 57 49.44 27 59 45.6	20.8				2.11		H I 1216	1029 1029				3.07 arcmin from NGC 4850, 2118	
1255+278	O	12 55 25.9 27 48 41	12 57 51.10 27 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 40.26 37 15 17.4	12 58 1.62 36 59 6.3	18.12	.30	-.76	1.53					346 178 490			178ubv,853rnd	
1255+003	UM 531 O	12 55 44.2 0 23 24	12 58 17.90 0 7 12.8	18				2.08		H I 1216 O IV 1402 C IV 1549	922 922					
1255+356	O	12 55 46.8 35 36 0	12 58 8.86 35 19 49.0	20.6				2.04		H I 1216	1387 1387					
1256+287	O	12 56 4.1 28 43 27	12 58 28.87 28 27 16.3	20.4				2.25		H I 1216 C IV 1549	1029 1029					
1256+294	US 72 C PB 3169	12 56 4.8 29 28 31	12 58 29.28 29 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 7.84 35 44 53.7	12 58 29.77 35 28 43.0	18.24*	.40	-.76	1.894*			H I 1216 1.8990 N V 1240 1.8965 C IV 1549 1.8336 1.8036 1.5876 1.281	179 571 490 853 184 1387 179 1586 560 184 1846 571 1387 1635 1901 2228 2263				178,179ubv, 1115x,515fc 1902avg Bmag	
1256+355	BF 72 C	12 56 10.9 35 32 18	12 58 32.91 35 16 7.4	19.62	-.07	-.40	1.75				1230				1301ubv	
1256+357	O	12 56 11.8 35 47 0	12 58 33.70 35 30 49.4	21.2				1.97		H I 1216	1387 1387					
1256-220	PKS R	12 56 13.97 -22 3 22.0	12 58 54.51 -22 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 16.97 -17 34 26.0	12 58 56.05 -17 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		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, 873rnd,958, 225isp, 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		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 1216 C IV 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 US 122 E CSO 781	5C4.105 A2 316 PB 3207	12 58 4.29 28 46 17	13 0 28.73 28 30 8.5	17.38	.30	-.80	0.648	C II 2326 Mg II 2798 Ne V 3426 NeIII 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 1216 C IV 1549 He II 1640 O III 1663 C III 1909 Mg II 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 1216 C IV 1549	1.8942 1.464	185 009 185 1283 1029 2137 1255			560 1635 2228 2263		185ubv,873xnd, 186,1029fc, 1586rnd 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 1216 C IV 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		V	(B-V) (U-B)		Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)		(B-V)	(U-B)			ID	Z	VAR	R	ABS		
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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)			NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR		R	ABS
1259-135	FOX 104 O	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	KP 34 O	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	BF 161 C	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	BSO 6 C 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	BF 164 C X	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	BF 166 C	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	KP 35 O	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	BF 170 C	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	BF 175 C	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	KP 36 O	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	KP 37 O	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	KP 38 O	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	KP 39 O	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	US 189 C 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 2110	1255 2137	1967	9.83 arcmin from NGC 4943, 7.6arcmin from NGC 4944,2118
1300+347	KP 40 O	13 0 50.4 34 43 14	13 3 11.86 34 27 8.6	21.0			(1.9)		457	853		853rnd
1300+362	BF 202 C	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	BF 216 C	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	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 2110	1635 009	560 1635	185ubv,853rnd
1301+361	BF 219 C	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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)				NOTES
		DEC	(1950)	DEC	(2000)						ID	Z	VAR	R		ABS
1301+358	B 286 C AB 109 X BF 222	13 1 35 49	41.98 21.5	13 4 35 33	2.75 17.1	18.65*	.60	-.65	(0.327)			178 490	490		178,1353ubv, 853rnd,1115x
1301+295	5C4.160 C US 211 R	13 1 29 35	46.6 47	13 4 29 19	10.13 42.7	18.9 *	.30	-.20	1.519	C IV 1549 C III 1909	1283	1116	1116		1283ubv
1301+358	BF 225 C	13 1 35 52	49.8 56	13 4 35 36	10.52 51.8	19.60	.49	-.73	0.91			1230			1353ubv
1301+316	US 216 C PB 3276	13 1 31 40	54.0 6	13 4 31 24	16.63 1.9	19.5 *			1.289	C III 1909 Mg II 2798	1283	1116	1116		
1301+356	BF 227 C	13 1 35 41	56.5 53	13 4 35 25	17.28 48.9	19.29	.60	-1.03	2.04			1301	1070		1301ubv
1302+360	C 32 C	13 2 36 2	0.5 20	13 4 35 46	21.11 16.0	19.91*	.47	-.54	1.633			1353	1353		1353ubv
1302+358	BF 230 C	13 2 35 49	4.3 30	13 4 35 33	25.00 26.1	18.77	.42	-.87	1.99	C IV 1549 C III 1909 C II 2326		1115 1230			1301ubv
1302-034	PKS R	13 2 -3 29	8.71 57.7	13 4 -3 46	43.64 1.6	19.31	.24	-.85	1.25	C IV 1549 C III 1909	026	436		789	436ubv, 1526vlbi
1302-125	POX 115 O	13 2 -12 34	12 0	13 4 -12 50	49.89 3.9	19.0			(2.294+	H I 1216 N V 1240 C IV 1549	931	931		931	
1302+357	B 288 C AB 115 BF 237	13 2 35 45	17.07 11.4	13 4 35 29	37.76 7.7	18.39*	.53	-.84	1.293			346 178 490	490		178ubv,853rnd
1302+361	BF 247 C	13 2 36 7	44.4 24	13 5 35 51	4.82 20.9	19.15	.03	-.67	0.89			1070			1301ubv
1302+366	O	13 2 36 40	48.9 0	13 5 36 23	9.03 57.0	20.5			3.00	H I 1216	1387	1387			
1302-102	PKS R OP 106 X PG	13 2 -10 17	55.83 16.7	13 5 -10 33	33.00 19.7	14.92*	.12	-.90	0.286	Mg II 2798 O III 3133 He II 3203 O II 3727 Ne III 3869 H I 4340	188	058	1201 2054	1171 2011 2056	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
1303+360	BF 262 C	13 3 36 3	10.3 17	13 5 35 47	30.66 14.4	19.63	.40	-.57	0.97			1230			1301ubv
1303+366	O	13 3 36 40	11.1 42	13 5 36 24	31.15 39.4	20.5			2.13	H I 1216	1387	1387			
1303+357	BF 263 C	13 3 35 44	11.9 5	13 5 35 28	32.41 2.4	19.93	.12	-.53	1.62			1230			1301ubv
1303+362	BF 264 C	13 3 36 14	16.1 32	13 5 35 58	36.35 29.5	19.41	.15	-.71	1.35			1230			1301ubv
1303+338	AB 122 C	13 3 33 51	21.61 45.7	13 5 33 35	42.99 43.3	18.07	.01	-.87	0.49			491			178ubv

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		
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	30 48 55.2	30 32 53.0					Si IV 1397	1.763		2110	009		1187	1208,1514BAL,	
	PB 3296							C IV 1549	1.746			1901		1710	853,1213,	
	US 256							C III 1909	1.728					2228	1586rnd,	
	CSO 814								1.708					2263	1201pol,	
	BA 96								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	31 21 31	31 5 29.3													873xnd
	PB 3304															
	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	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)	REFERENCES				NOTES
	DEC (1950)	DEC (2000)	DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
1304+293 O	13 4 46.34 29 22 8.1	13 7 9.50 29 6 7.5	20.1				(3.05)	H I 1216			1442				
1304+346 B 340 C MKN 64 AB 133	13 4 48.01 34 40 24.2	13 7 8.73 34 24 23.6	16.97*	.41	-.74	0.189		Mg II 2798 Ne V 3426 H I 4340 O III 4363 H I 4861 O III 5007 H I 6563			179 179 490 334			178,179ubv, 704,1202pol, 1382mm, 1259imag,850, 853,921rnd, 921,992, 1617ir,819ext, 921phot,334, 958sp, 958FeIIem,297, 518fc	
1304+296 C KKC 1	13 4 49.59 29 38 46.5	13 7 12.62 29 22 45.9	22.29				1.97				1453 1746			1765Jmag	
1304+374 B 312 C AB 134	13 4 52.08 37 28 38.3	13 7 11.37 37 12 37.8	19.26*	.14	-.67	(0.45)		Mg II 2798 Ne V 3426			179 179 490 1068			178,179ubv, 853rnd 1902avg Bmag	
1304+294 O	13 4 56.02 29 25 40.6	13 7 19.13 29 9 40.2	23.4					O VI 1034 H I 1216			1442				
1304+296 O	13 4 59.24 29 40 49.3	13 7 22.23 29 24 48.9	20.7				(3.36)	O VI 1034 H I 1216			1442				
1304+298 O	13 4 59.58 29 49 43.4	13 7 22.50 29 33 43.0	20.2				0.78	C III 1909 Mg II 2798			1442				
1305+295 O	13 5 9.54 29 31 45.6	13 7 32.57 29 15 45.4	20.8				(2.86)	H I 1216			1442				
1305+299 O	13 5 17.58 29 54 43.4	13 7 40.42 29 38 43.4	20.6				2.79	H I 1216 C IV 1549			1442				
1305+295 C KKC 9	13 5 19.64 29 35 35.4	13 7 42.61 29 19 35.5	*				2.46				1453 1453 1453 1746			22.17Jmag,1453	
1305+296 O	13 5 19.70 29 38 6.6	13 7 42.65 29 22 6.7	21.0				(3.32)	H I 1216			1442				
1305+069 R 3C 281 4C 06.45 OP 009 NRAO 419 PKS DA 337	13 5 22.48 6 58 12.9	13 7 53.95 6 42 13.0	17.02	.13	-.59	0.602		Mg II 2798 Ne V 3426 O II 3727 NeIII 3869			008 085 775 436 789 1476			008ubv,156, 1201pol,1188, 1467sp, 1320rpol, 1688imag faint gals near,2118	
1305+301 O	13 5 23.38 30 11 28.7	13 7 46.08 29 55 28.8	18.6				1.55	C IV 1549 C III 1909			1442				
1305+364 B 330 C AB 141 R	13 5 24.65 36 25 21.2	13 7 44.37 36 9 21.4	18.01	.31	-.66	0.92					346 1699 178 490			178ubv,853rnd	
1305+297 O	13 5 26.26 29 42 35.4	13 7 49.16 29 26 35.6	20.6				2.20	H I 1216 C IV 1549 C III 1909			1442				
1305+298 US 303 C KKC 10	13 5 26.56 29 49 3.2	13 7 49.41 29 33 3.4	20.1 *	.50	-.40	0.991		C III 1909 Mg II 2798			1283 1116 1116 1453 1453 1453 2155 2155			1283ubv FeII multi- plots 62 and 63; 20.30Jmag, 2155	
1305+001 UM 545 O	13 5 27.5 0 11 3	13 8 1.25 -0 4 56.8	18				2.11	H I 1216 C IV 1549			922 922				
1305+352 B 337 C AB 142 R	13 5 29.33 35 17 41.1	13 7 49.61 35 1 41.4	17.62*	.67	-1.39	0.30					346 490 1699 178 490			178ubv,853rnd	
1305+283 O	13 5 32.3 28 19 24	13 7 55.79 28 3 24.3	19.9				2.43	H I 1216			1387 1387				

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

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	
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					1442						
	O	29 18 4.2	29 2 5.5					C IV 1549											
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						1311 1442 946					946ubv, 2155Jmag zero proper motion, 946	
	C KKC 50	29 28 42.8	29 12 44.3				Si IV 1397						1453 946 1453						
							C IV 1549						2155 1453						
							C III 1909						2155						
1306+293		13 6 27.44	13 8 50.35	20.9			0.24	Mg II 2798					1442						
	O	29 20 18.9	29 4 20.4					O II 3727											
1306+274	OP 211	13 6 33	13 8 56.74	18.5			1.537+	C IV 1549					009 009					009	
	R PB 3348 B2	27 24 12	27 8 13.6					C III 1909											
1306+293		13 6 36.39	13 8 59.26	17.6			0.74	C III 1909					1442						
	O	29 21 56.2	29 5 57.9					Mg II 2798											
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					1387 1442 1453					22.25Jmag, 1453	
	C	29 33 27.1	29 17 28.9					C III 1909					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					1442						
	O	30 5 13.7	29 49 15.6					O II 3727											
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					1442						
	O	30 8 44.0	29 52 45.9					C IV 1549											
1306+295	KC 89	13 6 49.07	13 9 11.84	*			1.06						1453 1453 1453					20.59Jmag, 1453 zero proper motion, 946;	
	C KKC 64	29 31 50.2	29 15 52.1																
1306+297		13 6 50.09	13 9 12.74	17.6			2.82	O VI 1034					1442						
	O	29 46 59.1	29 31 1.1					H I 1216											
1306+296		13 6 50.10	13 9 12.83	19.5			(0.72)	Mg II 2798					1442						
	O	29 36 18.2	29 20 20.2					O II 3727											
1306+350	B 382	13 6 54.22	13 9 14.36	17.55*	.50	-0.95	0.194	Mg II 2798					016 016 490					178ubv, 853rnd	
	C NAB AB 147	35 1 8.5	34 45 10.6					H I 4340					178 346						

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

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	ABS			
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	GC													970	955	2228	1357,1649,
	US 371													1068	1084	2263	1971mf,
	CSO 836													1328	1100		1388rpol,1086,
														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-
																	plets 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)		REFERENCES				NOTES
		DEC	(1950)	DEC	(2000)						ID	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			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				C IV 1549		2155	2154				2154fc, 2155Jmag
	O	-16 5	57.3	-16 21	52.3				1.870	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
	BL Lac R	-21 40	29.6	-21 56	23.8				*			1.361			2056	2228	2263
	PKS																781ir,1800pol, 2112x
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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
	DEC	(1950)	DEC	(2000)						ID	Z	VAR	R	ABS		
1310-136 O	13 10	54.48	13 13	33.34	19.17			1.521	C IV 1549 C III 1909	2155	2154				2154fc, 2155Jmag	
1311-270 R	13 11	2.9	13 13	47.32	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	433	761	432 1000 1818 1747 1891 2049 2056 2228 2281	761,1000, 1304sp, 1485ubv, 1818pos 4 arcsec from gal,0.201zgal, 2199		
1311+013 O	13 11	19.47	13 13	52.80	18.7			1.536		2183	2183				2183B(J)mag	
1311+362 C X	BSO 11 B 416 AB 168	13 11	19.51	13 13	38.12	18.82*	.06	-.85	2.084*	H I 1216 N V 1240 C IV 1549	2.028	179	179 490 073	073 2263	178,179, 180ubv,1005x, 853rnd 1902avg Bmag	
1311-029 O	13 11	26.14	13 14	1.04	18.5			1.300		2183	2183				2183B(J)mag	
1311+015 O	13 11	32.12	13 14	5.38	18.4			0.781		2183	2183				2183B(J)mag	
1311+022 O	13 11	53.50	13 14	26.48	17.0			0.306		2183	2183				2183B(J)mag	
1312+043 O	13 12	4	13 14	36.22	18			2.355	LYB 1026 H I 1216 N V 1240 C IV 1549	496	496					
1312+275 O	13 12	17.4	13 14	40.27	18.8			2.09	H I 1216 C IV 1549	1029	1029					
1312+270 O	13 12	46.0	13 15	8.99	21.1			(2.09)	H I 1216	1029	1029					
1312+274 O	13 12	50.4	13 15	13.21	21.1			2.47	H I 1216	1029	1029					
1312-155 O	13 12	50.62	13 15	30.35	18.89			2.095	H I 1216 N V 1240 C IV 1549	2155	2154				2154fc, 2155Jmag	
1313-017 O	13 13	4.19	13 15	38.65	18.8			1.498		2183	2183				2183B(J)mag	
1313-156 O	13 13	4.60	13 15	44.41	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	13 15	51.73	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	13 15	54.87	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	13 15	50.10	18.6			0.704		2183	2183				2183B(J)mag	
1313+003 O	13 13	18.94	13 15	52.63	18.3			0.735		2183	2183				2183B(J)mag	
1313+273 O	13 13	19.9	13 15	42.70	19.4			2.11	H I 1216 C IV 1549	1029	1029					

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		
1313-333	PKS R OP 322	13 13 20.09 -33 23 10.5	13 16 8.04 -33 38 59.9	20.0 *				1.21	C III 1909 Mg II 2798		384 1004 1004 384 2056			1004rvar,847, 1004fc, 1526vlbi		
1313+011	O	13 13 25.56 1 11 1.1	13 15 58.94 0 55 11.9	18.2				1.569			2183 2183			2183B(J)mag		
1313-158	O	13 13 26.88 -15 52 51.0	13 16 6.80 -16 8 40.2	19.09				(0.740)	Mg II 2798		2155 2154			2154fc, 2155Jmag		
1313+272	O	13 13 28.3 27 13 38	13 15 51.13 26 57 48.8	21.7				(2.26)	H I 1216		1029 1029					
1313+178	R	13 13 29.6 17 52 34	13 15 56.53 17 36 44.9	20.3				1.95			2278 2278			2278uv		
1313+422	NGC 5055 C UB 1	13 13 35 42 17 48	13 15 49.40 42 1 59.0	18.3				0.91			540 540			5.25 arcmin from anon gal, 15.5vgal,24.62 arcmin from NGC 5055,2118		
1313-016	O	13 13 35.29 -1 38 15.0	13 16 9.72 -1 54 4.0	17.7				0.406			2183 2183			2183B(J)mag		
1313-153	O	13 13 40.5 -15 21 36	13 16 20.22 -15 37 24.9	20.7				2.736+	H I 1216		2155 2154		2154	2154fc, 2154Bmag		
1313-018	O	13 13 49.79 -1 53 56.5	13 16 24.32 -2 9 45.2	18.2				0.15			2183 2183			2183B(J)mag		
1313-154	O	13 13 53.53 -15 24 45.3	13 16 33.29 -15 40 33.9	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		
1313-157	O	13 13 55.02 -15 42 12.6	13 16 34.90 -15 58 1.2	20.00				1.459	C IV 1549 C III 1909		2155 2154			2154fc, 2155Jmag		
1313+011	UM 556 O	13 13 57.04 1 7 14.7	13 16 30.44 0 51 26.2	18.1				2.393	H I 1216 C IV 1549		922 2183 922					
1313+200	R	13 13 58.64 20 2 52.5	13 16 24.61 19 47 4.0	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 2049 2228 2263				
1314-157	O	13 14 4.6 -15 42 47	13 16 44.50 -15 58 35.4	20.1				1.812	C IV 1549 C III 1909		2155 2154			2154fc, 2154Bmag		
1314-156	O	13 14 10.7 -15 39 34	13 16 50.58 -15 55 22.2					0.544	Mg II 2798		2155 2154			2154fc		
1314-157	O	13 14 12.09 -15 42 21.8	13 16 51.99 -15 58 10.0	19.41				1.457+	C IV 1549 C III 1909		2155 2154		2154	2154fc, 2155Jmag		
1314-001	O	13 14 14.07 -0 8 45.3	13 16 47.95 -0 24 33.4	18.1				1.746			2183 2183			2183B(J)mag		
1314+274	O	13 14 19.1 27 26 25	13 16 41.71 27 10 37.0	20.7				2.24	H I 1216 C IV 1549		1029 1029					
1314+012	UM 557 O	13 14 40.87 1 16 1.2	13 17 14.21 1 0 13.7	18.6				2.686+	H I 1216		922 2183 922			2183BAL		
1314-158	O	13 14 42.97 -15 52 13.3	13 17 22.98 -16 8 0.7	20.36				2.140	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		2155 2154			2154fc, 2155Jmag		
1314+270	O	13 14 45.3 27 0 30	13 17 8.06 26 44 42.6	21.4				0.27	Mg II 2798		1029 1029					

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		
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 C PB 3471 HS 200 CSO 865	13 15	16.3	13 17	37.41	18.4 * 0.00	-0.40		1.752	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1283	1116	1116			1283ubv
		30 12	12	29 56	25.4							2110		1967			
1315+346	OP 326 R GV 172 B2	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
		34 41	3	34 25	16.4												
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				
	O	1 27	26	1 11	39.9									LBQS 2183			
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		V	(B-V) (U-B)		Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)		ID	Z				VAR	R	ABS		
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	128 789	083 2228	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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
1318+113	4C 11.45	13 18 49.63	13 21 18.86	19.13*	.12	-.57	2.175*	H I 1216 1.8755	050	121	506	128	2049	121ubv,
R	PKS	11 22 31.5	11 6 50.1					Si IV 1397 1.0541		2049		462	2263	2266imag,155,
	OP 131							O IV 1402 0.8388				789		343fc
	DA 342							C IV 1549				1778		1795rpol jet
	MC 2							He II 1640				1818		2236sp of fuzz
								O III 1663				1891		
								C III 1909						
1318-018		13 18 53.27	13 21 27.83	18.7			2.010				2183	2183		2183B(J)mag
O		-1 50 41.4	-2 6 22.7											
1318+290	TON 155	13 18 53.65	13 21 14.78	16.98	.12	-.90	1.703*	C IV 1549 1.6724	144	189			560	704,1202pol,
C	PB 3520	29 3 30.3	28 47 49.0					C III 1909 1.5158	2110				1635	1337ubv,1355,
X	US 611												2228	1693,1941uv,
	CSO 878												2263	1018phot,
														831sp,850,
														853rnd,696,
														912,1488x,
														992ir
														1902avg ph mag
1318+290	TON 156	13 18 54.78	13 21 15.92	16.34*	.08	-.66	0.549	Mg II 2798		144	189	753	560	704,1202pol,
C	PB 3521	29 3 0.6	28 47 19.3					H I 4861		2110			1635	1337ubv,921,
	US 613													1018phot,831,
	CSO 879													1188,1420sp,
														921ir,853,
														921rnd,912xnd,
														696x,
														1420FeIIem,
														1797elp,
														1941uv
														1902avg ph mag
1318+270		13 18 58.6	13 21 20.75	19.1			2.07 +	H I 1216		1029	1029		1029	
O		27 2 49	26 47 7.8					C IV 1549						
1319-014		13 19 4.79	13 21 39.18	17.8			0.14				2183	2183		2183B(J)mag
O		-1 24 13.5	-1 39 54.5											
1319+006	UM 569	13 19 6.0	13 21 39.56	16			1.617	C IV 1549		922	2130			
O		0 39 38	0 23 57.0					C III 1909						LBQS
														2183
1319+388	NGC 5107	13 19 9	13 21 24.43	19.5			0.949			948	948			12.67 arcmin
C	UB 1	38 48 0	38 32 19.0											from NGC 5112,
														0.67 arcmin
														from NGC 5107,
														2118
1319-003		13 19 14.14	13 21 48.10	18.6			1.161				2183	2183		2183B(J)mag
O		-0 19 35.6	-0 35 16.4											
1319+005		13 19 32.59	13 22 6.19	18.0			0.536				2183	2183		2183B(J)mag
O		0 33 41.1	0 18 0.8											
1319-011		13 19 40.74	13 22 15.01	18.7			1.452				2183	2183		2183B(J)mag
O		-1 6 55.9	-1 22 36.0											
1319+011		13 19 41.46	13 22 14.81	18.8			2.151				2183	2183		2183B(J)mag
O		1 10 1.2	0 54 21.1											
1320-005		13 20 1.92	13 22 35.97	18.5			1.144				2183	2183		2183B(J)mag
O		-0 33 32.2	-0 49 11.8											
1320-141	POX 174	13 20 6	13 22 45.70	19.5			2.486	H I 1216		931	931			
O		-14 11 0	-14 26 39.5					C IV 1549						
1320-106	POX 175	13 20 18	13 22 56.20	19.5			3.110+	H I 1216		931	931		931	1092ir
O		-10 38 0	-10 53 39.2					Si IV 1397						
								C IV 1549						
1320+008		13 20 41.01	13 23 14.51	18.2			1.955				2183	2183		2183B(J)mag
O		0 48 30.9	0 32 52.3											
1320-001		13 20 49.90	13 23 23.77	18.2			1.388				2183	2183		2183B(J)mag
O		-0 6 16.2	-0 21 54.6											
1320+010		13 20 59.64	13 23 33.03	18.1			1.777				2183	2183		2183B(J)mag
O		1 3 29.6	0 47 51.5											

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				
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,921pnot		
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)		RA (2000)		V	(B-V) (U-B)		Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
	DEC (1950)	DEC (2000)	DEC (1950)	DEC (2000)		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 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 -21 26 33.8	13 30 7.11 -21 42 1.7	16.62*	-0.02	-0.55	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 -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 1143fc, 2075 1485ubv, 2228 1641imag, 2263 1851absr, 2174varnd			761,1143sp, 1143fc, 1485ubv, 1641imag, 1851absr, 2174varnd 38 arcsec from ESO 1327-2041, 0.0182rgal, 1143,1641,1650 2118,2248		
1327-311 R	PKS -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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
1328+254	3CR 287	13 28 15.93	13 30 37.70	17.67	.63	-.65	1.055	C IV 1549		136	012	128		066,136ubv,
	R 4C 25.43	25 24 37.4	25 9 10.9					C III 1909				462		1201,2103pol,
	X NRAO 424							Mg II 2798				801		750pos,1107x,
	OP 247											1393		1336rvar,
	PKS											1544		1526vlbi,
	DA 345											1891		1805mm,158,
												2013		182,521fc
												2015		
												2056		
1328+007		13 28 18.89	13 30 52.37	18.4			1.446			2183	2183			2183B(J)mag
	O	0 47 45.7	0 32 19.3											
1328-263	PKS	13 28 25.3	13 31 11.81	17.59	.42	-.66	(0.883)	Mg II 2798		433	432	432		1485ubv
	R	-26 23 49	-26 39 15.2									2056		
1328+315	E	13 28 33	13 30 51.18	18.0	.10		0.241	H I 4861		1417	1417			1417x,1910sp
	X	31 35 13	31 19 46.9					O III 5007						
1328+307	3CR 286	13 28 49.67	13 31 8.30	17.25	.26	-.91	0.849*	C III 1909	0.6924	067	154	128	195	066,067ubv,
	R 4C 30.26	30 45 58.6	30 30 33.0					Mg II 2798			192	462	196	071,1201,
	X NRAO 425							Mg II 2804			193	490	489	2103pol,195,
	OP 348							Ne V 3345			194	801	743	1108absr,
	B2							Ne V 3426				816	2228	1336rvar,
	DA 346											833	2263	749pos,1060,
	CTA 60											834		1526vlbi,1107,
												882		1980x,113,161,
												1148		295fc,324,
												1393		335sp,1789,
												1544		1805mm,
												1557		2161rpol
												1721		
												1804		
												1891		
												1996		
												2000		
												2013		
												2092		
1328-034	PKS	13 28 53.90	13 31 29.27	19.18			1.352	C IV 1549		026	436	351		
	R	-3 25 48.6	-3 41 14.0					C III 1909				1527		
								C II 2326						
1328-173		13 28 54.3	13 31 36.14	18.6	.90		0.329			1799	1799			29.33 arcmin
	O	-17 21 0	-17 36 25.4											from NGC 5170,
														1799,2118
1328+020		13 28 58.67	13 31 31.57	18.1			0.692			2183	2183			2183B(J)mag
	O	2 5 12.4	1 49 47.1											
1329-287		13 29 4.3	13 31 52.27	19.0	.20		2.089			1799	1799			52.33 arcmin
	O	-28 47 59	-29 3 24.1											from NGC 5236,
														1799,2118
1329+027		13 29 25.20	13 31 57.82	17.8			1.583			2183	2183			2183B(J)mag
	O	2 42 6.4	2 26 41.8											
1329-049	PKS	13 29 29.5	13 32 5.54	18.5			2.15	C IV 1549		522	2151	522		011fc
	R OP 050	-4 54 12	-5 9 36.4					C III 1909						
1329+025		13 29 29.80	13 32 2.50	18.8			2.434			2183	2183			2183B(J)mag
	O	2 31 17.5	2 15 53.1											
1329+412	PG	13 29 29.9	13 31 41.19	16.30			1.937*	Si IV 1397	1.9405	1117	1872	2011	1872	1598sp,1729,
	C	41 17 23	41 1 58.5					O IV 1402	1.8401	1117	1872	1873	2005ir,2112x	
	R							C IV 1549	1.8359	2281	2281	2228	faint gals	
								C III 1909	1.6010			2263	near,1260,2118	
									1.4716					
									0.5009					
1329+003		13 29 41.34	13 32 15.03	18.2			2.352			2183	2183			2183B(J)mag
	O	0 18 17.4	0 2 53.3											
1329-018		13 29 48.70	13 32 23.37	18.6			0.370			2183	2183			
	O	-1 51 0.8	-2 6 24.7											
1330-010		13 30 13.65	13 32 47.98	18.7			1.898			2183	2183			2183B(J)mag
	O	-1 5 56.1	-1 21 19.3											

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	ABS		
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				2063r _{mag}
1330+129	H1340+007	13 30 28.50 12 54 54.1	13 32 56.37 12 39 31.3					2.273	H I 1216 C IV 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 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.0504 1.7852 1.7755 1.4462 1.3273 0.9539 0.7443 -.0001	020 1872 020 569 2281	1170 197 1395 198 1818 1000	1202pol,1628, 1941uv,912, 1980x,582, 1000,1138, 1242,2224sp, 1747 1872 554,1108absr, 1873 197,343fc, 1969 1485ubv, 2116 1526vlbi, 2228 1983ir 2263 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 1549 He II 1640 C III 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 1909 C II 2326 Mg II 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 1216 O IV 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 1549 C III 1909 Mg II 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 1909 Mg II 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 4861 O III 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 1216 C IV 1549 C III 1909		2052 2052					
1332+552 R LB 685	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 1549 C III 1909 Mg II 2798 Mg II 2804	1.208 0.374	133 460 1201 133 2281	775 460 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 1216 C IV 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 1216 C IV 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 1216 C IV 1549 C III 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	ABS		
1332+276 O	13 32 27.8 27 39 35	13 34 47.74 27 24 15.6	19.7			1.251	C IV 1549 C III 1909 Mg II 2798		1903 2033							
1332+274 O	13 32 43.2 27 29 58	13 35 3.20 27 14 39.0	20.1			1.515	C IV 1549 C III 1909 Mg II 2798		1903 2033							
1332+270 O	13 32 45.1 27 2 36	13 35 5.36 26 47 17.1	19.8			1.322	C IV 1549 C III 1909 Mg II 2798		1903 2033							
1332+269 O	13 32 47.7 26 56 22	13 35 8.02 26 41 3.2	19.6			0.938	C III 1909 Mg II 2798		1903 2033							
1332+273 O	13 32 47.9 27 20 20	13 35 7.98 27 5 1.2	20.4			0.962	C III 1909 Mg II 2798		1903 2033							
1332+279 O	13 32 50.1 27 55 17	13 35 9.83 27 39 58.2	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 26 11 55	13 35 11.34 25 56 36.3	18.6			2.503*	H I 1216 Si IV 1397 O IV 1402 C IV 1549	2.498	2052 2052					2052 2263		
1332-007 O	13 32 51.79 -0 45 10.0	13 35 25.97 -1 0 28.7	17.4			0.671			2183 2183						2183B(J)mag	
1332+277 O	13 32 51.9 27 44 48	13 35 11.73 27 29 29.3	18.8			2.079	H I 1216 C IV 1549 C III 1909		1903 2033							
1332+282 O	13 32 52.3 28 12 4	13 35 11.86 27 56 45.3	19.4			2.425	H I 1216 C IV 1549 C III 1909		1903 2033							
1332+269 O	13 32 54.0 26 59 5	13 35 14.28 26 43 46.4	19.5			1.784	H I 1216 C IV 1549 C III 1909		1903 2033							
1332-019 O	13 32 54.35 -1 59 41.3	13 35 29.11 -2 14 59.9	17.5			0.11			2183 2183						2183B(J)mag	
1333+265 O	13 33 0.6 26 32 48	13 35 21.12 26 17 29.6	19.5			2.585	H I 1216 C IV 1549		1903 2033							
1333+015 O	13 33 1.71 1 33 23.8	13 35 34.82 1 18 5.4	17.9			1.577+			2183 2183					2183	2183B(J)mag	
1333+270 O	13 33 1.9 27 4 36	13 35 22.10 26 49 17.6	19.7			1.556	C IV 1549 C III 1909		1903 2033							
1333+283 O	13 33 4.2 28 23 52	13 35 23.62 28 8 33.7	19.6			0.904	C III 1909 Mg II 2798		1903 2033							
1333+275 O	13 33 4.4 27 32 34	13 35 24.32 27 17 15.7	19.9			0.878	C III 1909 Mg II 2798		1903 2033							
1333+260 O	13 33 10.5 26 4 36	13 35 31.27 25 49 17.8	19.2			1.182	C IV 1549 C III 1909 Mg II 2798		2052 2052							
1333+260 O	13 33 13.6 26 3 42	13 35 34.37 25 48 23.9	19.3			1.179	C IV 1549 C III 1909 Mg II 2798		2052 2052							
1333+276 O	13 33 15.5 27 39 36	13 35 35.33 27 24 18.0	20.1			2.348	H I 1216 C IV 1549		1903 2033							
1333-298 O	13 33 15.7 -29 53 8	13 36 4.96 -30 8 25.9	18.9	.50		1.906			1799 1799						12.5 arcmin from NGC 5236, 1799,2118	

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		ABS
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		V	(B-V) (U-B)		Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)						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	-1.16	(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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
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, 1141rvr,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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
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 Ne III 3869	136	101		128 775 1111 1888	008ubv,057, 182fc		
1335-143 O	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)	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 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 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 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 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 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 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 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 1227 2279	1227 1479 1227 2263				1227 1208,1227, 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 (1950)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
	DEC (1950)	DEC (2000)	DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
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 -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 -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 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 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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
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			1903BAL7	
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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
1338-005		13 38 10.44	13 40 44.52	17.2					0.387		2183 2183				2183B(J)mag	
O		-0 30 7.6	-0 45 16.7													
1338+273		13 38 12.4	13 40 31.74	19.6					(0.28)	Mg II 2798	1903 2033				extended, 2033	
O		27 20 51	27 5 41.9													
1338-013	UM 600	13 38 16.0	13 40 50.49	19.1					1.47	C IV 1549 C III 1909	922 922				2183B(J)mag	
O		-1 19 40.1	-1 34 49.1													
1338+258		13 38 17.6	13 40 37.84	19.6					1.877	H I 1216 C IV 1549 C III 1909	1903 2033					
O		25 51 28	25 36 19.0													
1338+276		13 38 21.4	13 40 40.56	20.0					1.139	C IV 1549 C III 1909	1438 1692 1903					
O		27 36 0	27 20 51.1													
1338+101	H1340+004	13 38 22.25	13 40 51.03						2.447	H I 1216 Si IV 1397 C IV 1549	2279 2279					
		10 11 52.3	9 56 43.5													
1338+266		13 38 23.3	13 40 43.06	20.3					1.841	H I 1216 C IV 1549 C III 1909	1903 2033					
O		26 37 5	26 21 56.2													
1338+277		13 38 32.9	13 40 51.93	20.0					2.285	H I 1216 C IV 1549 C III 1909	1438 1692 1903					
O		27 46 15	27 31 6.5													
1338+275		13 38 35.3	13 40 54.46	19.4					1.252	C IV 1549 C III 1909	1438 1692 1903					
O		27 33 2	27 17 53.6													
1338+277		13 38 35.7	13 40 54.73	20.7					1.595	C IV 1549 C III 1909	1438 1692 1903					
O		27 45 38	27 30 29.6													
1338+274		13 38 37.0	13 40 56.19	20.2					1.540	O IV 1402 C IV 1549 C III 1909	1438 1692 1903					
O		27 29 26	27 14 17.6													
1338-006		13 38 39.82	13 41 13.97	17					0.237	H I 4340 O III 4363 H I 4861 O III 4959 O III 5007	922 1024 922 2183					
C		-0 38 6.9	-0 53 15.1													
1338+276		13 38 41.4	13 41 0.47	19.2					1.175	C IV 1549 C III 1909 Mg II 2798	1438 1692 1903					
O		27 40 26	27 25 17.7													
1338+282		13 38 45.3	13 41 3.99	20.5					(2.35)	O VI 1034 H I 1216 C IV 1549	2052 2052					
O		28 16 6	28 0 57.9													
1338-018		13 38 46.59	13 41 21.36	17.4					2.079+	Si IV 1397 O IV 1402 C IV 1549 C III 1909	1024		1024		2183B(J)mag	
C		-1 53 48.8	-2 8 56.8													
1338+416	PG	13 38 52.2	13 41 1.00	16.08					1.219	C III 1909 Mg II 2798	1117 1117				1598, 2251sp, 1729, 2005ir, 2112x faint gals near, 2118	
C		41 38 22	41 23 14.0													
1338+394	B3	13 38 57.8	13 41 8.40	19.0					0.580	Mg II 2798 Mg V 2931 O II 3727	1990 2270					
R		39 29 59	39 14 51.2													
1338+270		13 38 58.1	13 41 17.54	20.2					0.393	Mg II 2798 O II 3727	2052 2052					
O		27 0 35	26 45 27.3													
1339+278		13 39 4.6	13 41 23.49	20.0					0.463	Mg II 2798 O II 3727	2052 2052					
O		27 52 10	27 37 2.5													
1339+272		13 39 17.1	13 41 36.33	20.5					1.754	H I 1216 C IV 1549 C III 1909	1903 2033					
O		27 16 57	27 1 49.8													
1339-180	J13.07	13 39 21.3	13 42 4.40	17.34					2.21		2277 2277				2277BAL	
		-18 2 45	-18 17 51.9													

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		ABS
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 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 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		V	(B-V) (U-B)		Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)		(B-V)	(U-B)			ID	Z	VAR	R	ABS		
1340+261 O		13 40 0.4 26 7 16	13 42 20.26 25 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 0.74 9 59 52.2	13 42 29.54 9 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 2.7 27 41 28	13 42 21.57 27 26 22.3	19.9			2.24	H I 1216 C IV 1549	1903	2033					
1340+000 C	F864:115	13 40 4.2 0 5 37	13 42 37.99 -0 9 28.6	20.80	.23	-.93	1.754	C IV 1549 C III 1909	2214	2214					
1340+273 O		13 40 4.7 27 19 40	13 42 23.80 27 4 34.3	19.5			2.827	H I 1216 C IV 1549 C III 1909	1903	2033					
1340+275 O		13 40 5.4 27 35 45	13 42 24.33 27 20 39.3	17.2			0.704	Mg II 2798 Ne V 3426	1438	1692 1903 2033					
1340+278 O		13 40 6.0 27 52 25	13 42 24.75 27 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 12.25 -0 20 38.4	13 42 46.26 -0 35 43.8	18.1			0.786		2183	2183					2183B(J)mag
1340+262 O		13 40 15.3 26 15 30	13 42 35.04 26 0 24.7	19.2			0.247	Mg II 2798 O III 4959 O III 5007	1856	1692 1903					
1340+277 O		13 40 17.1 27 44 17	13 42 35.91 27 29 11.7	21.4			2.2	H I 1216 C IV 1549	1438	1438 1903					
1340-006 O	UM 607	13 40 17.46 -0 38 39.6	13 42 51.62 -0 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 zgal, 2130
1340-136	R14.07	13 40 18.1 -13 40 55	13 42 58.92 -13 56 0.2	19.2 *			3.19		2277	2277					
1340+002 C	F864:72	13 40 22.8 0 16 2	13 42 56.50 0 0 57.0	19.18	.36	-.05	0.804	Mg II 2798	2214	2214					
1340+278 O		13 40 25.7 27 52 41	13 42 44.40 27 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 25.79 1 7 3.1	13 42 59.07 0 51 58.2	18.1			1.067		2183	2183					2183B(J)mag
1340+000 C	F864:124	13 40 27.4 0 0 54	13 43 1.23 -0 14 10.9	20.93	.09	-.77	2.386	H I 1216 C IV 1549	2214	2214					
1340-002 C	F864:82	13 40 27.7 -0 14 46	13 43 1.66 -0 29 50.9	19.74	.17	-.78	2.053	H I 1216 C IV 1549	2214	2214					
1340+606 R X NRAO 428	3CR 288.1 4C 60.18 OP 668	13 40 30.02 60 36 47.9	13 42 13.29 60 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 33.7 27 49 14	13 42 52.42 27 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		V	(B-V) (U-B)		Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)		(B-V)	(U-B)			ID	Z	VAR	R	ABS		
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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
1342+662	GC R	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	F864:111 C	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	GC R	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	A O 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	B O 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	4C 38.37 R 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	UM 611 O	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		ABS
1344-027 o	13 44	4.77	13 46	40.04	18.1			0.222			2183	2183			2183B(J)mag
	-2 45	16.1	-3 0	14.1											
1344+256 o	13 44	5.2	13 46	24.85	20.2			2.05	H I 1216 C IV 1549		1903	2052			
	25 37	36	25 22	37.9											
1344+264 o	13 44	9.1	13 46	28.19	19.1			1.825	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		2052	2052			
	26 29	51	26 14	53.1											
1344+257 o	13 44	12.7	13 46	32.23	19.0			0.389	Mg II 2798		2052	2052			
	25 47	31	25 32	33.2											
1344+273 o	13 44	15.1	13 46	33.62	19.6			2.34	H I 1216 C IV 1549		1903	2033			
	27 20	57	27 5	59.3											
1344+270 o	13 44	17.8	13 46	36.49	19.5			(0.37)	Mg II 2798		1903	2033			
	27 5	1	26 50	3.3											
1344+282 o	13 44	20.3	13 46	38.24	19.3			2.439	H I 1216 C IV 1549 C III 1909		1903	2033			
	28 12	42	27 57	44.4											
1344+282 o	13 44	26.3	13 46	44.18	18.6			1.127	C IV 1549 C III 1909 Mg II 2798		2052	2052			
	28 16	30	28 1	32.6											
1344+264 o	13 44	26.5	13 46	45.61	18.9			1.241	C IV 1549 C III 1909		2052	2052			
	26 24	28	26 9	30.6											
1344-024 o	13 44	38.07	13 47	13.19	18.3			0.511			2183	2183			2183B(J)mag
	-2 27	37.2	-2 42	34.1											
1344+271 o	13 44	44.5	13 47	3.10	20.6			2.4	H I 1216 C IV 1549		1903	1903			
	27 7	19	26 52	22.2											
1344+025 o	13 44	51.90	13 47	24.40	18.4			1.313			2183	2183			2183B(J)mag
	2 33	39.8	2 18	43.3											
1344-010 o	13 44	58.06	13 47	32.47	17.6			1.736			2183	2183			2183B(J)mag
	-1 5	7.8	-1 20	4.0											
1345+273 o	13 45	7.7	13 47	26.12	18.9			2.212	H I 1216 C IV 1549 C III 1909		1903	2033			
	27 19	33	27 4	37.0											
1345+274 o	13 45	12.6	13 47	30.90	19.9			2.118	H I 1216 C IV 1549 C III 1909		1903	2033			
	27 28	58	27 14	2.1											
1345+262 o	13 45	12.6	13 47	31.71	19.5			2.158	H I 1216 C IV 1549		2052	2052			
	26 14	57	26 0	1.1											
1345-016 c	13 45	14.56	13 47	49.25	18.3			1.925+	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1024			1024	
	-1 37	28.4	-1 52	24.1							2183				
1345+264 o	13 45	14.9	13 47	33.90	19.5			1.4	C IV 1549 C III 1909		1903	1903			1903phot mag
	26 24	42	26 9	46.2											
1345-000 o	13 45	17.88	13 47	51.72	18.0			0.552			2183	2183			2183B(J)mag
	-0 0	22.9	-0 15	18.5											
1345-301 o	13 45	40.5	13 48	31.81	18.9	.20		1.438			1799	1799			95.17 arcmin from NGC 5236, 1799,2118
	-30 6	21	-30 21	15.7											
1345-013 o	13 45	42.11	13 48	16.65	18.4			2.946+			2183	2183			2183B(J)mag Ly limit abs, 2183
	-1 20	15.1	-1 35	9.9											
1345+280 o	13 45	47.0	13 48	4.86	19.2			(1.43)	C IV 1549 C III 1909		2052	2052			
	28 2	13	27 47	18.2											

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	ABS		
1345+584	4C 58.27 R 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 1485ubv, 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	UT R	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	H1340+012 O	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	4C 53.28 R 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	UT R	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	PKS R	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	B3 R	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)				NOTES
		DEC	(1950)	DEC	(2000)						ID	Z	VAR	R		ABS
1348+007 R	PKS	13 48 00.46	31.02 8.4	13 51 00.31	4.45 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 01.18	55.23 27.3	13 51 01.3	28.37 38.9	17.0			1.086	C III 1909 Mg II 2798		1024 2183		2183B(J)mag	
1349+281 R		13 49 28.8	5.7 16	13 51 27.53	23.03 27.8	18.6			1.693		2299	2299			
1349+001 O	UM 617	13 49 00.7	16.75 8.5	13 51 00.7	50.53 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 13.17	51.71 27.5	13 52 13.2	18.20 41.0				1.609	C IV 1549	2279	2279			
1349+009 O		13 49 00.57	59.28 39.5	13 52 00.42	32.60 53.3	17.7			1.161		2183	2183		2183B(J)mag	
1350+008 O		13 50 00.52	18.81 45.0	13 52 00.37	52.17 59.4	18.4			0.485		2183	2183		2183B(J)mag	
1351+267 R	B2.2	13 51 26.46	17.99 32.2	13 53 26.31	35.97 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 02.6	18.91 37.2	13 53 01.51	51.59 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 -21.8	25.41 28.9	13 54 -21.23	11.47 12.1	19.0			1.262	C III 1909 C II 2326 Mg II 2798	1445	1445			
1351-018 R	PKS	13 51 -01.51	32.08 20.6	13 54 -02.6	6.95 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 31.53	51.16 44.6	13 54 31.39	5.36 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 -10.26	7.8 26	13 54 -10.41	47.49 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 FB 4142	13 52 18.20	11.5 58	13 54 18.6	34.83 16.2	15.5	.08		0.152	H I 4340 H I 4861 O III 5007 H I 6563	1117 1269 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 10.50	20.93 52.5	13 54 10.36	48.69 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 01.6	25.8 50	13 54 00.52	59.02 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		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 X PB 4145	13 52 27.9 18 28 5	13 54 51.13 18 13 23.8	18.0	.47		0.977	Mg II 2798	1269	1269					1269ubv,1269x
1352-007	C	13 52 51.41 -0 43 0.7	13 55 25.65 -0 57 41.0				(0.422)	Mg II 2798 O II 3727		1024					
1352-203	MC R	13 52 58.85 -20 23 53.5	13 55 44.59 -20 38 33.4	19.9			0.627	Mg II 2798 Ne V 3426	673	673		1888 2056			1704fc
1353+118	H1400+008	13 53 17.36 11 53 14.7	13 55 44.47 11 38 35.3				2.2	H I 1216	2279	2279					
1353+306	B2 R	13 53 26.14 30 38 51.2	13 55 41.04 30 24 11.9	18.2			1.018	C III 1909 Mg II 2798	138	152		790 1794			
1353+097	H1400+007	13 53 27.50 9 43 18.4	13 55 55.85 9 28 39.3				1.865	C IV 1549	2279	2279					
1353+097	H1400+006	13 53 39.89 9 44 53.1	13 56 8.22 9 30 14.5				(1.765)	C IV 1549	2279	2279					
1354-176	MC 3 R	13 54 9.54 -17 37 14.3	13 56 53.64 -17 51 51.8	19			0.566	Mg II 2798 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	466	466		2056			693,694fc
1354+213	PG C	13 54 11.6 21 18 29	13 56 32.89 21 3 51.4	15.85			0.300	Mg II 2798 NeIII 3869 H I 4861 O III 4959 O III 5007	1117	1117					1598sp,1729, 2005ir,2112x faint gals near,2118
1354-266	M15.15 O	13 54 26.55 -26 36 24.7	13 57 16.62 -26 51 1.5	17			0.134		2193	2194					
1354-152	PKS R OP 192 X	13 54 28.62 -15 12 52.1	13 57 11.27 -15 27 28.9	19.0			1.89	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1304					761sp,1241x, 1526vlbi, 1789mm, 1810pos, 2103pol
1354+195	PKS R 4C 19.44 OP 191 VR19.13.06 DA 354	13 54 42.08 19 33 43.9	13 57 4.43 19 19 7.4	16.30*	.18	-.55	0.719	Mg II 2798 Ne V 3426 NeIII 3869 H I 4102	0.457	111	101	007 128 560 2251 080 462 2228	212 775 248 789 252 979 258 1145 290 1152 506 1804 875 920 1068 1142 1902	007,059, 112ubv,156, 1202,2103pol, 1112,1526vlbi, 936rvar, 749pos,1530ir, 086,112fc, 324sp,1789mm 1902avg Bmag; faint gals near,2118	
1354+258	OP 291 R PKS B2	13 54 48.39 25 52 5.5	13 57 6.55 25 37 29.2	18.5			2.006*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909	2.0013 1.4205 0.8856 0.8585	100	100	023 2049 202 2263	1818 1891	831sp,1818pos, 202fc, 2266imag	
1354+048	O	13 54 55.3 4 50 18	13 57 26.40 4 35 42.0	17.8	.10		1.234		1650	1650					near NGC 5364, 1650,2118
1355-246	M15.19	13 55 10.6 -24 37 15	13 57 59.37 -24 51 50.3	17.9			1.37		2277	2277					

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		ABS
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, 1485subv, 1420FøIIem, 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		507 100 2281 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		351 748 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, 1420FøIIem, 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		I _γ 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 I _γ 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		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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
	DEC (1950)	DEC (2000)	DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
1400+162 BL Lac R X	4C 16.39 OQ 100 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, 1127 1160 1171 1200 1323 1361 1367 1557 1708
1400+001 O	UM 629	14 0 49.6 0 8 15	14 3 23.37 -0 6 8.1	18				2.50	O VI H I	1034 1216	922	922			
1400+095 O	H1400+004	14 0 58.34 9 35 8.2	14 3 26.45 9 20 45.3	18.5				2.980	H I C IV	1216 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 X	1E	14 1 43.2 9 51 59	14 4 11.11 9 37 37.8	16.2	-.10			0.441	Mg II NeIII H I	2798 3869 4340	1269	1314 1269			1269ubv, 1910sp, 2145imag 8.62 arcmin from NGC 5436, 9.53 arcmin from NGC 5437, 6.73 arcmin from NGC 5438, 2118
1402-012 R X	PKS UM 632	14 2 11.30 -1 16 1.9	14 4 45.91 -1 30 22.0	17.16*	.21	-.27	2.522*	H I N V C IV C III	1216 2.3739 1240 2.2078 1549 1.9242 1909 0.8903	026	436 1068 748 1902 922 2049	789 2049 2263			436ubv,1181sp, 1526vlbi, 1686x,1810pos 1902avg ph mag
1402+042 BL Lac X R	1E	14 2 19.7 4 16 21.4	14 4 50.99 4 2 1.6	17.5 *							778 1416	1577 991 1764 1416 2083			778,1481pol, 1048,2107, 2112x, 1577xvar, 2259imag
1402+044 R X	PKS	14 2 30.03 4 29 55.2	14 5 1.18 4 15 35.8	18.5				3.211+	LYB O VI H I N V Si IV O IV C IV	1026 1034 1216 1240 1397 1402 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 C X R	PG TON 182	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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC	(1950)	DEC	(2000)						ID	Z	VAR	R	ABS		
1403+120	H1400+011	14 3 12	3 3.72 4 52.2	14 5 11	30.19 50 34.0				1.458	C IV 1549	2279	2279					
1403-085	PKS R DW	14 3 -8 33	21.88 56.8	14 6 -8 48	0.94 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 10	33.28 43 39.2	14 7 10	0.53 29 24.4				2.00	H I 1216 Si IV 1397 C IV 1549	2279	2279					
1404-049		14 4 -4 55	53.9 56	14 7 -5 10	30.77 9.9	15.79			0.380		2280	2280					
1404-342	PKS R	14 4 -34 17	57.17 14.8	14 7 -34 31	54.93 28.3	20.1			1.122	C III 1909 Mg II 2798	1861	1861		1861			
1405+261	O	14 5 26	37.1 11 20	14 7 25	53.71 57 7.5	18.7			(2.1)	H I 1216 C IV 1549	1438	1438					
1405-010	UM 638 O	14 5 -1 0	43.1 20	14 8 -1 14	17.57 32.1	18			1.96	H I 1216 O IV 1402	922	922					
1405-287	PKS R	14 5 -28 46	56.26 8.4	14 8 -29 0	49.48 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 12 21	12.40 20.5	14 8 12 7 9.5	38.53 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 -7 38	17.94 15.9	14 8 -7 52	56.53 26.6	18.4			1.494	C III 1909 C II 2326 Mg II 2798	011	500		011		761,1304sp, 1125lr, 1526vlbi	
1406+267	O	14 6 26	25.4 43 54	14 8 26	41.49 29 43.4	18.9			(1.9)	H I 1216 C IV 1549	1438	1438					
1406+492	CSO 609 O	14 6 49	35.7 16 24	14 8 49	28.67 2 13.4	17			(2.13)	H I 1216 C IV 1549	2025	2025					
1407+265	PG C X R	14 7 26	7.7 32 30	14 9 26	23.85 18 21.0	15.73			0.944	C III 1909 Mg II 2798	1117 1438	1117		2011		1487,1781, 1980,2112x, 1598,2251sp, 1729,2005lr 7.83 arcmin from ZWG 162.065,1650; faint gals near,2118; z questioned, 2011	
1407+268	O	14 7 26	15.6 50 47	14 9 26	31.50 36 38.3	20.9			(1.9)	H I 1216 C IV 1549	1438	1438					
1407+022	PKS BL Lac R	14 7 2 17 14.9	32.21 14.9	14 10 2 3 7.0	4.64 7.0	18.65	.39	-.45			026			789 1086		436ubv,436sp, 2112x	
1407+264	O	14 7 26	32.4 27 55	14 9 26	48.56 13 47.0	21.1			(3.0)	H I 1216	1438	1438					
1408+269	O	14 8 26	2.7 57 48	14 10 26	18.41 43 41.1	18.6			(2.3)	H I 1216 C IV 1549	1438	1438					
1408+262	O	14 8 26	17.0 15 30	14 10 26	33.23 1 23.7	20.3			(2.1)	H I 1216 C IV 1549	1438	1438					
1408+020	X	14 8 2 5 40	17.0 40	14 10 1 51 33.9	49.54 33.9	19.4			0.199		1268 1455	1455		1268		1268,1455x IRAS source, 1806	
1408+266	O	14 8 26	41.4 39 9	14 10 26	57.28 25 3.6	18.3			(1.9)	H I 1216 C IV 1549	1438	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		ABS
1408+009	UM 645	14 8 50.1	14 11 23.36	18					2.27	H I 1216 C IV 1549	922	922				
	O	0 56 57	0 42 52.2													
1408+126	H1400+013	14 8 58.74	14 11 24.52						2.057	H I 1216 C IV 1549	2279	2279				
		12 39 51.4	12 25 46.8													
1409+732		14 9 11.9	14 9 47.90	21					3.56 +	H I 1216 N V 1240 Si IV 1397 C IV 1549	1741	1741				
	O	73 13 34	72 59 28.0													
1409+524	1E	14 9 32.6	14 11 19.72	22.03*					1.29	C III 1909 Mg II 2798	1461	1461	1461	1461		1461x 1.83 arcmin from 3CR 295, 1461,2118
	X	52 28 3.2	52 13 59.4													
	R															
1409+344	UT	14 9 46.2	14 11 55.29	18.5					1.82	C IV 1549 C III 1909	1437	1437				
	R	34 29 16	34 15 13.1													
1409+095	H1400+015	14 9 49.39	14 12 17.19	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			2243	damped Ly alpha, 2243; Ly limit abs, 2247
	O	9 30 28.8	9 16 26.3												2279	
1410+096	H1420+003	14 10 52.92	14 13 20.61	18.8					3.340	H I 1216	1440	1440				
	O	9 36 6.0	9 22 6.0												2279	
1412+094		14 12 25.6	14 14 53.35	17.4					1.70						1494	
		9 25 10	9 11 13.7													
1412+089		14 12 43.5	14 15 11.54	18.4					0.50						1494	
		8 58 2	8 44 6.4													
1412+003	UM 651	14 12 45.9	14 15 19.54	18					1.931	O IV 1402 C IV 1549 C III 1909	922	2199				
	O	0 19 28	0 5 32.5													
1413+099	H1420+025	14 13 1.94	14 15 29.31						1.648	C IV 1549	2279	2279				
		9 57 21.6	9 43 26.7													
1413+099	H1420+024	14 13 11.52	14 15 38.87						2.03	H I 1216 N V 1240 C IV 1549	2279	2279				
		9 58 12.1	9 44 17.6													
1413+092		14 13 16.4	14 15 44.20	19.3					0.20						1494	
		9 17 16	9 3 21.7													
1413+117		14 13 20.09	14 15 46.26	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	1201pol,1227, 1293BAL, 1756 2131sp 2228 grav lens, 2263 4 components, 1920,2295;
	O	11 43 38.1	11 29 43.9													
1413+373	UT	14 13 22.8	14 15 28.49	18					2.36	H I 1216 Si IV 1397 O IV 1402 C IV 1549	1437	1437				
	R	37 20 12	37 6 17.7													
1413+090		14 13 33.4	14 16 1.36	18.7					2.35						1494	
		9 1 45	8 47 51.4													
1413+135	PKS	14 13 33.9	14 15 58.81	20							166			1212		1264,1357mf, 1088,1350, 1356,2112x, 2258,2259imag, 1526vlbi, 1721rvar, 1789mm,1988, 2062pol 0.26zgal,1264 IRAS source, 1806
	BL Lac R	13 34 18	13 20 24.4											1229		
	X													1557		
1413-212	J15.32	14 13 53.9	14 16 42.26	17.9					2.3						2277	2277
		-21 17 53	-21 31 45.5													

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

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				
1415+172	OQ 125 R MC 3	14 15 41.61 17 17 12.8	14 18 3.78 17 3 24.3	17.46	.50	-.94	0.821	C III 1909 Mg II 2798	166	009	1111 1888	1202pol,020, 343fc,1451ubv					
1416+091		14 16 12.2 9 9 42	14 18 39.97 8 55 54.9	19.7			2.010				1494						
1416-129	PG C X R	14 16 21.3 -12 56 58	14 19 3.84 -13 10 44.6	15.40			0.129+	H I 4861 O III 4959 O III 5007	1117	1117	2011	1487,1678, 1781,2112x, 1222elp,1195, 1753xvar, 1598sp,1646, 2061uv, 1646BAL,1729, 2005ir, 1798uvabs					
1416+091		14 16 23.3 9 6 14	14 18 51.11 8 52 27.3	17.0			2.015	C III 1909 Mg II 2798			1494 2251						
1416+136	H1400+082	14 16 24.51 13 38 44.7	14 18 49.20 13 24 58.0				(0.591)	Mg II 2798	2279	2279							
1416+159	MC 3 R	14 16 27.67 15 54 52.1	14 18 50.76 15 41 5.5	17.75	.37	-.74	1.478*	C III 1909 Mg II 2798	1.478 1.473	343	019 1901	1111 560 2228 2263	1202pol, 1485ubv				
1416+067	3CR 298 R 4C 06.49 X PKS OQ 027.7 NRAO 441 DA 364 MSH 14+05	14 16 38.78 6 42 20.9	14 19 8.19 6 28 34.9	16.79	.33	-.70	1.439*	C IV 1549 C III 1909 Mg II 2798	1.4405 1.4380 1.3746 1.2729	050	102 571 1901	128 102 008ubv, 462 560 1202pol, 777 571 1018phot, 789 1635 749pos,696, 801 1749 912,1107, 816 2228 1980x, 1393 2263 1526vlbi,161, 1792 182,295fc, 1804 1983ir 1891 faint gals 2000 near,1260,2118					
1416+254	1E X	14 16 42.2 25 24 11.3	14 18 58.12 25 10 25.2	18.7			0.674	Mg II 2798	1416	1416		1048x					
1417-250	M16.09	14 17 1.1 -25 4 29	14 19 52.73 -25 18 13.8	18.0			1.88				2277 2277						
1417+385	UT R B3	14 17 43.0 38 35 32	14 19 46.56 38 21 48.3	19.3			1.832	H I 1216 C IV 1549 C III 1909	1437	1437 1990 2270		2144rvar					
1418+546	OQ 530 BL Lac R X CSO 633	14 18 6.17 54 36 57.1	14 19 46.59 54 23 13.9	15.91*	.66	-.50			670 2025	669 534 1902 837 2054 988 2129 1367 1557 1771 1807	670,877,1098, 1541,1730, 1809,1988, 2046,2062, 2167pol,1243, 1649mf,1348uv, 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 O	14 18 15.4 2 2 48	14 20 47.89 1 49 6.0	18			1.71	C III 1909 Mg II 2798	922	2130							
1419+104	H1420+036 O	14 19 18.64 10 24 50.4	14 21 45.43 10 11 11.0	19.3			2.722	H I 1216 C IV 1549	1440	1440 2279							
1419+315	B2 R	14 19 19.39 31 32 43.7	14 21 29.69 31 19 4.1	20.90			1.547	C IV 1549 C III 1909	1785	1785	1785	1785imag					

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

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	ABS		
1423+101		14 23 43.81	14 26 10.61	18.4				O VI 1034	1440	1440				
O		10 7 38.1	9 54 10.0					H I 1216		565				
1423+201	KP 51	14 23 48.0	14 26 7.35	20.5			(2.27)	H I 1216	457	867			853rnd	
O		20 11 16	19 57 47.9							457				
1424-001		14 24 24.6	14 26 58.54	16.31			0.632		2280	2280				
		-0 7 30	-0 20 56.3											
1424-418	PKS	14 24 46.72	14 27 56.35	17.7			1.522	O IV 1402	300	1861		1861	1800,2103pol	
R		-41 52 54.4	-42 6 19.2					C IV 1549		1984		2056		
								C III 1909						
								Mg II 2798						
1424-118	PKS	14 24 55.97	14 27 38.17	16.49	.42	-.70	0.806	Mg II 2798	494	1304		023	761sp,780ir,	
R	OQ 141	-11 50 25.6	-12 3 50.4							058			307fc,1485ubv	
	MSH 14-110									500				
1425-136	R16.06	14 25 2.9	14 27 46.43	17.19			2.00		2277	2277				
		-13 38 20	-13 51 44.5											
1425+200	MKN 813	14 25 5.7	14 27 25.04	15.0			0.111		1276	1414				
C		20 3 17	19 49 52.3							1979				
1425+267	TON 202	14 25 21.85	14 27 35.63	15.68*	.20	-.73	0.362	Mg II 2798	144	1467	1142	775	204,205,	
C	B2	26 45 38.8	26 32 14.7					H I 4861		204		790	322ubv,1355,	
X	OQ 242							O III 4959				853	1693,1941uv,	
R	PB 3638							H I 6563				1790	1222elp,1028,	
PG												2011	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	PKS	14 25 33.6	14 28 28.26	16.0			(1.082)		188	1304		011	761sp,	
R		-27 28 28	-27 41 51.0									2056	1526vlbi	
1426-015		14 26 28.10	14 29 3.03	17.4	.64	1.96	3.42		2063	2063			2063rmag	
O		-1 31 57.5	-1 45 18.4											
1426+295	B2	14 26 32.62	14 28 43.77	18.5			(1.421)	C IV 1549	113	009		790		
R	OQ 244	29 32 26.9	29 19 5.9					C III 1909				1794		
1426+428	HEAO	14 26 35.9	14 28 32.57	16.45	.50	-.55			2034	2034			2107x,2034ubv,	
BL Lac X		42 53 46	42 40 24.8							2260			2259imag	
													0.129zgal,	
													17.6vgal,2034	
1427+480	PG	14 27 53.9	14 29 42.98	16.33			0.221	H I 4861	1117	1117			1222elp,	
C	CSO 658	48 0 47	47 47 29.1					O III 4959		2025			1598sp,1729,	
								O III 5007					2005ir,2112x	
													faint gals	
													near,2118	
1428+498	NGC 5660	14 28 3	14 29 49.06	17.3			0.205			547			8.05 arcmin	
C	UB 2	49 50 42	49 37 24.4										from NGC 5660,	
													1650,2118	
1428+020		14 28 8.36	14 30 40.77	17.8			2.106		2183	2183			2183B(J)mag	
O		2 2 58.0	1 49 41.5											
1428-238	M16.08	14 28 26.3	14 31 18.13	17.3			1.88		2277	2277				
		-23 50 31	-24 3 46.4											
1429-010		14 29 7.22	14 31 41.79	17.0			0.659		2183	2183			2183B(J)mag	
O		-1 0 16.9	-1 13 30.8											
1429-006		14 29 9.39	14 31 43.69	17.8			1.179		2183	2183			2183B(J)mag	
O		-0 36 57.7	-0 50 11.5											

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		
1429+014		14 29 16.50	14 31 49.32	18.1					1.091		2183	2183				2183B(J)mag
O		1 27 44.6	1 14 31.1													
1429+118	H1420+086	14 29 47.21	14 32 12.46	18.6					3.010+	H I 1216	1440	1440				2279
O		11 53 5.7	11 39 53.5							C IV 1549		2279				
1429-027		14 29 48.86	14 32 24.70	18.6					0.853		2183	2183				2183B(J)mag
O		-2 46 36.3	-2 59 48.3													
1429+160	MC 3	14 29 53.44	14 32 15.55	19					1.005	C III 1909	343	019		1111		910rvar
R		16 1 34.5	15 48 22.5							C II 2326 Mg II 2798						
1429-008		14 29 54.63	14 32 29.12	17.74					2.078	H I 1216	2036	2036				2036rmag
O		-0 53 4.1	-1 6 15.9							N V 1240	2183	2183				grav lens, two
										Si IV 1397						images, sep
										O IV 1402						5.14 arcsec,
										C IV 1549						rmag sec image
										C III 1909						20.77, 2036
1429-006		14 29 56.72	14 32 31.05	18.2					0.361		2183	2183				2183B(J)mag
O		-0 39 17.2	-0 52 28.9													
1429+016		14 29 57.80	14 32 30.49	17.8					1.533		2183	2183				2183B(J)mag
O		1 37 47.7	1 24 36.1													
1430+626	E	14 30 4	14 31 19.30	18.8					0.402	H I 4861	1417	1417				1417x
X		62 37 47	62 24 34.2							O III 5007						
1430-007		14 30 9.92	14 32 44.33	17.8					1.022		2183	2183				2183B(J)mag
O		-0 46 4.0	-0 59 15.1													
1430-178	PKS	14 30 10.56	14 32 57.60	19.5					2.331	LYB 1026	188	501		011		761, 1304,
R	OQ 151	-17 48 23.2	-18 1 34.1							O VI 1034				2056		1445sp, 865pos,
MC										H I 1216						1445fc,
										Si IV 1397						1526vlbi
										O IV 1402						
										C IV 1549						
										C III 4155						
										C II 4267						
1430+101	NGC 5669	14 30 18	14 32 44.55	17.7					0.766		540	540				1.17 arcmin
C	UB 1	10 6 36	9 53 25.2													from anon gal,
																0.0046zgal, 6.0
																arcmin from
																NGC 5669, 2118
1430+054	1E	14 30 27.4	14 32 57.34	17.92					0.202	H I 4340	1233	1233				1233x
X		5 27 12.6	5 14 2.2							H I 4861						
1430-006		14 30 46.97	14 33 21.33	16.4					1.116		2183	2183				2183B(J)mag
O		-0 41 36.1	-0 54 45.5									2280				
1431+017		14 31 15.51	14 33 48.13	18.2					0.211		2183	2183				2183B(J)mag
O		1 42 46.4	1 29 38.2													
1431-166	R17.08	14 31 41.8	14 34 28.00	17.3 *					2.45		2277	2277				
		-16 36 20	-16 49 26.8													
1432+489	NGC 5682	14 32 54.4	14 34 40.73	19.2					1.94	H I 1216	206	206				1.58 arcmin
C	BSO 1	48 54 42.6	48 41 38.1							Si IV 1397						from NGC 5682,
										O IV 1402						2.63 arcmin
										C IV 1549						from NGC 5683,
										C III 1909						8.17 arcmin
										MgVII 2513						from NGC 5689,
										MgVII 2632						2118
										Mg II 2798						
1433+023		14 33 7.57	14 35 39.68	18.2					2.142		2183	2183				2183B(J)mag
O		2 23 49.3	2 10 46.2													
1433+001		14 33 8.87	14 35 42.64	18.4					0.965		2183	2183				2183B(J)mag
O		0 7 22.2	-0 5 40.8													
1433+177	4C 17.59	14 33 36.12	14 35 56.65	18.2	.32	-1.35	1.203			C IV 1549	020	020		789		436ubv,
R	OQ 155	17 42 36.5	17 29 34.5							C III 1909		436		1111		1320rpol, 124,
MC 3										Mg II 2798		458		1145		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, 2183nml	
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 1437 2026 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 1.9235 Si IV 1397 1.5825 O IV 1402 1.4792 C IV 1549 1.4590 C III 1909	510 580 581 1872			988 1872 1145 2228 2263	1003,1113, 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			1222e1p,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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
	DEC (1950)	DEC (2000)	DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
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 -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 -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	427 428	429		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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
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 MC 2 X	OQ 172	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, 911,986sp, 1092,1617ir, 1382mm, 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	ABS				
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	409 618 1304	409 418	1162 1818 2056	954 1514 1549	780, 761, 2020sp, 1485subv, 1526vlbi, 1686x Ly alpha abs,1870			
1449+588 C MKV 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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS				
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 2056	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	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 2056	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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	Z	VAR								R	ABS			
1458+718	3CR 309.1 R 4C 71.15 X PKS NRAO 464 S5	14 58 56.69 71 52 11.3	14 59 7.68 71 40 20.0	16.78*	.46	-.77	0.905	C III 1909 C II 2326 Mg II 2798		064 1811	101 002 005	492 128 462 882 884 937 1340 1393 1804 1888 1891 2000 2013			003ubv,1202, 2103pol,1280, 1526,1862vlbi, 912,1107, 1980x,324,551, 958,2066, 2251sp, 958FeIIem, 744pos,158, 245,306fc, 1688imag, 2104rmap 6.20 arcmin from NGC 5832, 1650; faint gals near,2118		
1459+102		14 59 49.8 10 16 49	15 2 15.06 10 5 3.7	17.78				0.93				1425					
1500+114	O R	15 0 19.00 11 27 43.0	15 2 43.22 11 15 59.2	17.5				0.39	Ne V 3426 O II 3727 NeIII 3968		2235	2235					
1500+102		15 0 40.5 10 17 56	15 3 5.71 10 6 13.4	17.78				1.59				1425					
1501+450	O	15 1 1.3 45 5 18	15 2 47.47 44 53 35.6	19.5				2.55	H I 1216		1387	1387					
1501+220	C	15 1 43.62 22 0 59.2	15 3 58.16 21 49 19.6	19.1 *	.60	-.60	0.835	C III 1909 Mg II 2798			573	573			573ubv		
1501+242	C	15 1 51.94 24 12 37.8	15 4 4.31 24 0 58.6	19.0 *	.40	-.40	(0.366)	Mg II 2798			573	573			573ubv		
1502+106	MC 2 R OR 103 PKS 4C 10.39	15 2 0.15 10 41 17.3	15 4 24.98 10 29 38.8	18.56*	.41	-.51	1.839	H I 1216 C IV 1549 C III 1909		213	019	1800	775 789 1152 1544 1807		761,831, 1304sp, 936rvar, 1241xnd,096, 166,343fc, 1422ubv, 1617ir, 1526vlbi, 1789mm,1800, 2103pol, 1805mmvar, 2100FeIIem Conflicting comments re z in 019,501, 1304.		
1502+105		15 2 3.5 10 30 35	15 4 28.48 10 18 56.7	17.79				1.00				1425					
1502+117		15 2 17.2 11 43 19	15 4 41.12 11 31 41.4	17.36				1.41				1425					
1502+036	PKS R	15 2 35.69 3 38 7.2	15 5 6.50 3 26 30.7	18.14	.47	-.56	0.411	Mg II 2798 NeIII 3869 O III 5007		026	436	789 1877			436ubv, 1526vlbi 1902avg ph mag		
1502+455	O	15 2 52.4 45 34 6	15 4 37.39 45 22 29.3	20.5				3.06	H I 1216		1387	1387					
1502+602	3C 311 R 4C 60.19 NRAO 467 OR 605 DA 375	15 2 58.83 60 12 33.4	15 4 9.17 60 0 56.2	18				1.022	C III 1909 C II 2326 Mg II 2798		139	073 133	1891 1996		831sp		
1503+118	O	15 3 0 11 53 0	15 5 23.75 11 41 24.6					2.792*	H I 1216	2.597		1550			1550 1551 2263		
1503+455	O	15 3 10.3 45 31 54	15 4 55.29 45 20 18.3	21.0				2.42	C IV 1549 C III 1909		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			
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 1111	580				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 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	1557 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	775 1111			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		V	(B-V) (U-B)		Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
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			
								Ne III 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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC	(1950)	DEC	(2000)							ID	Z	VAR	R		ABS
1510-089	PKS R OR 017 X	15 10 8.90 -8 54 47.2	15 12 50.54 -9 5 59.4	16.74*	.17	-.74	0.361*	Mg II 2798 Ne V 3426 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007	0.351	057	101 1968 2294 101 252 253 1452 2228 128 837 1420 2228 101 1730 1988, 2062, 2103pol, 128 801, 879, 936, 128 1204, 1322rvar, 128 899, 1388rpol, 128 324, 761, 776, 128 1902 958, 1304, 1420, 128 2054 1467, 2151, 128 2174 2229sp, 1056, 128 1852phot, 1207, 128 1261, 1688, 128 1700, 2145imag, 128 1028, 1789mm, 128 780, 799, 886ir, 128 958, 1420, 128 1467FeIIem, 128 873, 1980, 128 217lx, 847pos, 128 1466, 1526vlbi, 128 1567, 1649mf, 128 112fc, 1891uv, 128 1942uvvar, 128 2151syi 0.42 arcmin from anon gal, 0.2536 zgal, 1650, 2118 IRAS source, 1806; 1902avg ph mag					
1510+258	LB 9497 C	15 10 17.61 25 49 21.1	15 12 27.53 25 38 8.7	19.26*			1.966	H I 1216 N V 1240 O IV 1402 C IV 1549			573 573					
1510+092	H1500+008	15 10 18.98 9 16 7.3	15 12 44.76 9 4 55.4				2.42	H I 1216 C IV 1549		2279 2279						
1510+237	LB 9502 C	15 10 25.36 23 45 13.7	15 12 37.43 23 34 1.8	18.90*	.22	-.82	1.887	H I 1216 Si IV 1397 O IV 1402 C IV 1549			573 573			573ubv		
1510+390	E X	15 10 37 39 2 3	15 12 30.74 38 50 51.3	19.0		-.30	0.228			1417 1417				1417x		
1510+105	O	15 10 39.89 10 34 41.7	15 13 4.49 10 23 30.9	19.5			3.053+	H I 1216 N V 1240		1440 1440				1440		
1511+091	O	15 11 0 9 6 0	15 13 25.91 8 54 50.3				2.878*	Si IV 1397 2.8853 O IV 1402 2.8668 C IV 1549 2.8606 2.8469 2.8389 2.6702 2.5596		1872			1872 2228 2263	BAL?		
1511-100	PKS R	15 11 2.3 -10 0 50	15 13 44.94 -10 11 59.2	14.7			1.513	C IV 1549 He II 1640 C III 1909 Mg II 2798		188 1304			188 2056	761sp, 1526vlbi, 1352spvar, 1789mm		
1511+103	MC 2 R	15 11 4.56 10 22 15.2	15 13 29.33 10 11 5.7	17.73	.32	-.74	1.546*	C III 1909 Mg II 2798	0.4370	020 019 1438			1818 560 1891 1635 1747 2228 2263	1451, 1485ubv, 343fc, 1202pol, 1617ir 6.7arcsec from anon gal, 0.436 zgal, 2118, 2262		
1512+132	O	15 12 3.95 13 16 58.2	15 14 26.04 13 5 51.9	19.5			3.112	H I 1216 N V 1240		1440 1440						
1512+239	LB 9537 C	15 12 44.26 23 58 46.5	15 14 55.90 23 47 42.1	18.61			(1.341)	C IV 1549 C III 1909			573					

TABLE 1—Continued

	OTHER NAMES	RA (1950)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC	MIN	SEC	DEC	MIN	SEC							ID	Z	VAR	R	ABS	
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	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	-24 11 22.4	-24 22 19.1															653,662ubv,	
	X																	745 1084	
	R																	754 1127	
																		323,553,642,	
																		662,1626,1988,	
																		2062pol,1348,	
																		1068 1212	
																		1679uv,781,	
																		1802 1367	
																		886,1012,	
																		2054 1557	
																		1141ir,384,	
																		525,553,662,	
																		719,761,763,	
																		1812sp,1009,	
																		1737,2195phot,	
																		1088,2107,	
																		2112x,1483,	
																		1961rvar,	
																		1526vlbi,	
																		1649mf,1789mm,	
																		1810pos,	
																		2259imag	
																		0.0486zgal,	
																		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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R	ABS	
1515+015	QNZ3:55	15 15 14.9	15 17 47.44	19.08			-0.19	2.693	H I 1216	2058	2058				2058Bmag, 2058ubv
	C	1 30 15	1 19 19.3												
1515+027	QNZ2:36	15 15 15.9	15 17 47.35	19.86			-0.71	0.608	Mg II 2798	2058	2058				2058Bmag, 2058ubv
	C	2 44 2	2 33 6.4												
1515+016	QNZ3:51	15 15 30.8	15 18 3.19	20.29			-0.27	2.382	H I 1216	2058	2058				2058Bmag, 2058ubv
	C	1 40 10	1 29 15.2						C IV 1549						
1515+029	QNZ2:20	15 15 31.0	15 18 2.26	20.31			-1.38	2.088	H I 1216	2058	2058				2058Bmag, 2058ubv
	C	2 57 4	2 46 9.2						C IV 1549						
1515+027	QNZ2:31	15 15 33.5	15 18 4.93	20.85			-0.38	2.114	H I 1216	2058	2058				2058Bmag, 2058ubv
	C	2 45 10	2 34 15.4						C IV 1549						
1515+017	QNZ3:54	15 15 34.2	15 18 6.55	20.13			-1.34	1.401	C III 1909	2058	2058				2058Bmag, 2058ubv
	C	1 42 29	1 31 34.4												
1515+026	QNZ2:12	15 15 36.1	15 18 7.60	19.46			-0.53	1.853	C IV 1549	2058	2058				2058Bmag, 2058ubv
	C	2 40 12	2 29 17.5						C III 1909						
1515+026	QNZ2:19	15 15 40.2	15 18 11.69	20.69			-0.51	2.428	H I 1216	2058	2058				2058Bmag, 2058ubv
	C	2 41 21	2 30 26.7						C IV 1549						
1515+027	QNZ2:01	15 15 59.8	15 18 31.25	20.31			-0.06	0.153		2058	2058				2058Bmag, 2058ubv, 2058nobl
	C	2 43 52	2 32 58.8												
1516+015	QNZ3:45	15 16 0.4	15 18 32.85	18.81			-0.06	2.308	H I 1216	2058	2058				2058Bmag, 2058ubv
	C	1 35 46	1 24 52.9						C IV 1549						
1516+012	QNZ3:33	15 16 1.5	15 18 34.21	18.40			-0.63	1.378	C III 1909	2058	2058				2058Bmag, 2058ubv
	C	1 17 57	1 7 3.9												
1516+027	QNZ2:06	15 16 10.0	15 18 41.39	20.87			-0.14	(0.352)		2058	2058				2058Bmag, 2058ubv, 2058nobl
	C	2 47 21	2 36 28.4												
1516+025	O	15 16 10.1	15 18 41.75	19.6				1.80		2278	2278				2278uv
		2 30 18	2 19 25.4												
1516+028	QNZ2:02	15 16 13.2	15 18 44.55	17.83			-0.39	1.551	C IV 1549	2058	2058				2058Bmag, 2058ubv
	C	2 50 3	2 39 10.5						C III 1909						
1516+014	QNZ3:22	15 16 13.8	15 18 46.41	19.32			-0.07	0.210		2058	2058				2058Bmag, 2058ubv
	C	1 24 44	1 13 51.6												
1516+028	QNZ2:05	15 16 16.2	15 18 47.55	20.00			-0.06	(0.630)	Mg II 2798	2058	2058				2058Bmag, 2058ubv
	C	2 50 23	2 39 30.7												
1516+030	QNZ2:32	15 16 17.3	15 18 48.42	20.88			-0.37	1.651	C IV 1549	2058	2058				2058Bmag, 2058ubv
	C	3 5 44	2 54 51.8						C III 1909						
1516+028	QNZ2:46	15 16 26.3	15 18 57.63	19.33			-0.34	1.555	C IV 1549	2058	2058				2058Bmag, 2058ubv
	C	2 51 37	2 40 45.3						C III 1909						
1516+029	QNZ2:41	15 16 38.3	15 19 9.56	20.09			-0.26	2.156	H I 1216	2058	2058				2058Bmag, 2058ubv
	C	2 56 7	2 45 15.9						C IV 1549						
1516+221	LB 9601	15 16 45.15	15 18 58.35	18.59*				1.835	H I 1216		573	573			
	C	22 9 43.0	21 58 51.9						C IV 1549						
1516+027	QNZ2:03	15 16 46.0	15 19 17.45	20.96			-0.47	2.120+	C III 1909	2058	2058				2058Bmag, 2058ubv, 2058BAL
	C	2 43 8	2 32 17.4												
1516+028	QNZ2:50	15 16 46.7	15 19 18.00	20.84			-0.14	(0.339)		2058	2058				2058Bmag, 2058ubv, 2058nobl
	C	2 53 23	2 42 32.4												
1516+026	QNZ2:04	15 16 53.4	15 19 24.90	20.60			-1.02	(0.557)	Mg II 2798	2058	2058				2058Bmag, 2058ubv
	C	2 39 51	2 29 0.8												
1516+022	O	15 16 54.9	15 19 26.77	19.5				0.76		2278	2278				2278uv
		2 14 50	2 3 59.9												
1517+239	LB 9605	15 17 2.01	15 19 13.30	18.41				1.834	Si IV 1397		573				16171r
	C	23 57 49.1	23 46 58.9						O IV 1402						
									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)	DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
1517+254 C	15 17 25 29	7.94 9.3	15 19 25 18	17.59 19.4	18.6	.40	-.80	0.882	C III 1909 Mg II 2798		573			573ubv	
1517+239 C	LB 9612 23 56	8.19 52.6	15 19 23 46	19.49 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, 853,921rmd, 921,992ir, 921phot	
1517+235 C	LB 9613 23 33	11.89 30.0	15 19 23 22	23.60 40.3	18.51*			(0.313)	Mg II 2798 O II 3727 H I 4102		573	573			
1517+245 C	LB 9615 24 33	24.76 50.1	15 19 24 23	35.38 1.1	18.23			1.818	Si IV 1397 O IV 1402 C IV 1549		573				
1517+021 C	QNZ1:43 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 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 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 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 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 25 45	4.96 24.5	15 20 25 25	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 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 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 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 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 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 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 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 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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
1519+027	QNZ4:40 C	15 19 56.4 2 47 13	15 22 27.76 2 36 33.0	20.33			-0.39	0.768	Mg II 2798	2058	2058			2058Bmag, 2058ubv
1520+026	QNZ5:32 C	15 20 16.2 2 36 8	15 22 47.72 2 25 29.1	20.64			-0.30	0.765	Mg II 2798	2058	2058			2058Bmag, 2058ubv
1520+023	QNZ5:24 C	15 20 16.3 2 19 52	15 22 48.07 2 9 13.1	19.94			-0.30	0.867	Mg II 2798	2058	2058			2058Bmag, 2058ubv
1520+024	QNZ5:16 C	15 20 16.4 2 26 19	15 22 48.07 2 15 40.1	20.85			-0.79	1.440	C IV 1549 C III 1909	2058	2058			2058Bmag, 2058ubv
1520+025	QNZ5:11 C	15 20 23.8 2 30 6	15 22 55.41 2 19 27.5	19.51			-0.58	0.240		2058	2058			2058Bmag, 2058ubv
1520+026	QNZ5:30 C	15 20 29.1 2 38 39	15 23 0.58 2 28 0.8	19.57			-0.61	2.567	H I 1216 C IV 1549	2058	2058			2058Bmag, 2058ubv
1520+025	QNZ5:35 C	15 20 30.7 2 34 38	15 23 2.24 2 23 59.9	20.73			-0.16	1.746	C IV 1549 C III 1909	2058	2058			2058Bmag, 2058ubv
1520+413	CSO 586 O 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	QNZ5:34 C	15 20 45.0 2 45 54	15 23 16.37 2 35 16.7	20.33			-0.05	0.195		2058	2058			2058Bmag, 2058ubv, 2058neml
1520+027	QNZ5:31 C	15 20 45.9 2 42 9	15 23 17.33 2 31 31.8	20.96			-0.61	1.014	C III 1909	2058	2058			2058Bmag, 2058ubv
1520+027	QNZ5:38 C	15 20 46.2 2 44 9	15 23 17.60 2 33 31.8	20.78			-0.04	(0.250)		2058	2058			2058Bmag, 2058ubv, 2058neml
1520+344	UT R	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	M19.05 O	15 21 0.16 -24 57 43.4	15 23 58.08 -25 8 19.2	17.16				0.142		2193	2194			
1521+024	QNZ5:19 C	15 21 2.5 2 29 53	15 23 34.11 2 19 16.7	20.44			-0.31	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	LB 9673 C	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	LB 9675 C	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	QNZ5:58 C	15 21 34.3 2 47 4	15 24 5.65 2 36 29.5	20.79			-0.09	2.106	H I 1216 C IV 1549	2058	2058			2058Bmag, 2058ubv
1521+027	QNZ5:50 C	15 21 38.3 2 43 4	15 24 9.71 2 32 29.7	20.18			-0.07	0.227		2058	2058			2058Bmag, 2058ubv, 2058neml
1521+026	QNZ5:54 C	15 21 46.0 2 39 2	15 24 17.47 2 28 28.1	20.41			-0.07	0.224		2058	2058			2058Bmag, 2058ubv, 2058neml
1521+024	QNZ5:06 C	15 21 46.2 2 28 44	15 24 17.82 2 18 10.2	20.46			-0.71	1.879	C IV 1549 C III 1909	2058	2058			2058Bmag, 2058ubv
1521+026	QNZ5:55 C	15 21 49.7 2 39 50	15 24 21.15 2 29 16.3	18.96			-0.45	0.214		2058	2058			2058Bmag, 2058ubv

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	ABS
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, 2058neml
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	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, 2058neml
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	MC 2 OR 139	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	214ubv, 560 1202pol,850, 1635 853,921rnd, 2228 921,992ir, 2263 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	MC PKS	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	4C 10.43 MC 2 OR 140	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	100 019		1111 1145 1170	696,912x,020, 343fc

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	ABS		
1525+158	1E X	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 1416	771			771ubv,1048x, 939ext,1026, 1207,1261mag, 1910sp 43.6 arcmin from UGC 9846, 1650,2118
1525+314	B2 R 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	LB 9743 C OR 241 X B2 R	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	030 009 1201	591 853	850	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	LB 9760 C	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	KP 55 O	15 28 56.6 14 26 25	15 31 16.81 14 16 15.5	20.5			1.94			457	853			853rnd
1529+144	KP 56 O	15 29 40.5 14 27 19	15 32 0.67 14 17 12.0	20.5			(2.7)			457	853			853rnd
1529+050	1E X	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	4C 13.55 R	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	PKS R	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 1181 1902	1861		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	NGC 5982 C 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	NGC 5982 C 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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS				
1538+477	PG C R	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, 1617ir,2112x	
1538+149	4C 14.60 BL Lac R X	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, 1141ir,1164, 1649mf,009, 100,458sp, 132fc, 1526vlbi, 1789mm, 1884imag, 1939phot IRAS source, 1806;1902avg Bmag; faint gals near,2118	
1540+180	4C 18.43 R 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 0.7936 He II 1640 0.7294 O III 1663 0.6945 C III 1909 Mg II 2798	078 009 2049 2281		1818 2049 1891 2263				
1540+110	MC 2 R	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	UT R	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	PKS R 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	4C 37.45 R OR 372 B2	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	PG C	15 43 59.8 48 55 30	15 45 30.08 48 46 12.6	16.05					0.400*	Mg II 2798 0.075 H I 4340	1117 1117		2011 2265			1598sp,1617, 1729,2005, 2018ir,1688, 1700imag, 2112x, 2174varnd 0.57 and 0.67 arcmin from 2 spiral gals, 1650; 0.075 and 0.076gals 2248; faint gals near,2118	
1544+212	KP 57 O	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					1617ir,873xnd, 853rnd	
1545+209	KP 58 O	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, 1617ir	

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		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,
								Ne III 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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
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,1485ubv,	
								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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
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	
	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)	REFERENCES				NOTES
	DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
1556+335 R X	15 56 59.43 33 31 47.4	15 58 55.18 33 23 18.8	17	.49	-.51	1.651*	C IV 1549 C III 1909	1.6760 1.6537 1.6505 1.6445 1.6395 1.6106 1.6030 1.2317	216	323	1170 1213 1586	560 1635 1677	323ubv,705, 1202pol,912x, 1514BAL? 2228 2263	z(abs)1.62- 1.60,560;	
1557-199 R	15 57 16.13 -19 59 15.3	16 0 10.97 -20 7 41.2	19.5			2.195	C IV 1549 C III 1909 Mg II 2798	2.34 1.6180	673	1704 1848 2049	1818 1891 2056	673 2049 2263	1704fc		
1558+187 R	15 58 2.9 18 46 54	16 0 17.13 18 38 29.9	18			2.40	H I 1216 C IV 1549		1437	1437		2162			
1558+282 O	15 58 8.2 28 16 36	16 0 11.02 28 8 11.9	20.8			2.32	H I 1216		1387	1387					
1559+173 R	4C 17.65 PKS VR17.16.06 OR 199 MC 3	15 59 4.63 17 22 36.5	16 1 20.38 17 14 16.4	17.7		1.959*	H I 1216 C IV 1549 C III 1909 Mg II 2798	1.9612	343	009 019 1901		010 1586 1818 1891 2009 2092	560 1635 2228 2263		
1559+286 O	15 59 13.6 28 37 24	16 1 15.89 28 29 4.0	21.4			2.49	C IV 1549 C III 1909		1387	1387					
1559+140 R	15 59 35.24 14 5 29.3	16 1 54.55 13 57 11.2	18			2.237	O VI 1034 H I 1216 C IV 1549		476	476					
1559+088	15 59 57.8 8 53 53	16 2 22.57 8 45 36.5				2.269	H I 1216 N V 1240 Si II 1263 O I 1304 Si IV 1397 O IV 1402 C IV 1549 C III 1909			1138					
1600+284 O	16 0 8.4 28 26 12	16 2 10.86 28 17 55.5	21.8			3.25	H I 1216		1387	1387					
1600+282 O	16 0 49.3 28 13 54	16 2 51.97 28 5 40.1	19.6			2.27	H I 1216 C IV 1549		1387	1387					
1601+182 O	CL 1 16 1 4.2 18 17 17.5	16 3 18.84 18 9 4.9	19.5			3.238*	H I 1216 N V 1240 Si IV 1397 C IV 1549	3.217	564	564 472		564 2228 2263			
1601+177 O	CL 2 16 1 28.7 17 47 0.5	16 3 43.89 17 38 49.5	18.5			1.481	C III 1909 Mg II 2798		564	564			873xnd		
1601+184 O	16 1 38.3 18 24 8	16 3 52.78 18 15 57.6	20.2			2.31	H I 1216 C IV 1549		1439	1439					
1601+184 O	CL 3 16 1 47 18 25 34.2	16 4 1.45 18 17 24.3	19.5			1.942+	H I 1216 Si IV 1397 C IV 1549 C III 1909		564	564		564	873xnd		
1602-001 R	PKS 16 2 22.11 -0 11 0.2	16 4 56.15 -0 19 7.3	17.49*	.28	-.56	1.624*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909 Mg II 2798	1.3245	087	436 748 2281	1181 1476 1818 1891	023 1000 1747 2228 2263	436,1485ubv, 761,1000,1032, 1181,2151sp, 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		
1602+178	CL 4	16 2	46.4	16 5	1.41	19.5			3.003*	H I 1216	2.979	564	564			564	873xnd
	O	17 53	21.7	17 45	15.6					N V 1240	2.925		472			2228	9.97 arcmin
										Si IV 1397						2263	from NGC 6039
										C IV 1549							and NGC 6040,
										O III 1663							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	4C 57.27	16 2	53.92	16 3	55.85	18.3			2.858*	O VI 1034	2.4084	581	580			1521	2049
	R	57 39	1.9	57 30	54.1					H I 1216			2049			1818	2263
										N V 1240			2281			1891	
										O I 1304							
										Si IV 1397							
										O IV 1402							
										C IV 1549							
										He II 1640							
										O III 1663							
1603+183	CL 7	16 3	5.5	16 5	20.02	20.0			1.620	Si IV 1397		564	564				873xnd
	O	18 18	16.5	18 10	11.6					C IV 1549							7.45 arcmin
										He II 1640							from NGC 6053,
										C III 1909							2.68 arcmin
																	from NGC 6055,
																	4.12 arcmin
																	from NGC 6057,
																	2118
1603+179	CL 8	16 3	46.4	16 6	1.32	21.0			(1.813)	H I 1216		564	564			457	873xnd
	O	17 55	43	17 47	40.7					C IV 1549						517	8.55 arcmin
	R									C III 1909							from NGC 6054,
																	2118
1603+181	CL 9	16 3	49.8	16 6	4.52	20.0			(2.066)	C IV 1549		564	564				873xnd
	O	18 6	18.9	17 58	16.8					C III 1909							8.62 arcmin
																	from NGC 6053,
																	7.87 arcmin
																	from NGC 6056,
																	2118
1604+181	CL 10	16 4	11.4	16 6	26.02	20.5			1.842	C IV 1549		564	564				873xnd
	O	18 10	45.5	18 2	44.8					C III 1909							
1604+176	CL 11	16 4	13.2	16 6	28.40	19.5			2.04	C IV 1549		564	564				873xnd
	O	17 39	28.3	17 31	27.7					C III 1909							
1604+177	CL 12	16 4	22.5	16 6	37.62	19.0			2.323	H I 1216		564	564				873xnd
	O	17 43	15.7	17 35	15.7					C IV 1549							4.4arcmin from
										C III 1909							CL 11,1652
1604+179	CL 13	16 4	27	16 6	41.88	19.5			2.717+	H I 1216		564	564			564	873xnd
	O	17 56	19.9	17 48	20.2					Si IV 1397							
										C IV 1549							
										C III 1909							
1604+159	MC 3	16 4	49.6	16 7	6.63	18.7						343			1441		044,415,761sp,
BL Lac	4C 15.54	15 59	38	15 51	39.8							634					2112x
	OS 108.2																
1604+290	KP 63	16 4	52.8	16 6	54.06	17			1.95	H I 1216		457	867	2174	853		873xnd
	O	29 3	32	28 55	33.6					C IV 1549			457				
	R																

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		ABS
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 Ne III 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 B2	4C 28.40 VR18.16.01 OS 210	16 6 9.95 28 56 55.7	16 8 11.26 28 49 2.2	19			1.986*	H I 1216 1.9721 C IV 1549 1.9595 He II 1640 C III 1909	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 Si IVb 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 Ne III 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	DA 406 OS 319 GV 273 LHE 403 GC	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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
1613+173	OFF 6 O	16 13 44 17 23 44.7	16 15 59.09 17 16 21.0	19.0			1.60	Si IV 1397 C IV 1549 C III 1909		564	564			
1614+051	PKS R X	16 14 9.08 5 6 54.9	16 16 37.56 4 59 33.3	19.5			3.217*	O VI 1034 H I 1216 2.9574 N V 1240 2.515 O I 1304 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 C II 4267		1304 539 2049 2281		010 539 2162 2049 2263	761sp, 1526vlbi, 1686x 1709,1720imag/ ext; anon gal near,3.125zgal 1720,2118	
1614+055	1E X	16 14 52.4 5 33 36.8	16 17 20.40 5 26 18.0	18.47			0.855	Mg II 2798		1233	1233	1490		
1615+172	OFF 9 O	16 15 3 17 12 48.7	16 17 18.25 17 5 30.2	19.5			2.996	O VI 1034 H I 1216 Si IV 1397 C IV 1549		564	564			
1615+029	PKS R	16 15 19.12 2 54 0.7	16 17 49.92 2 46 43.7	17.24	-.08	-1.04	1.339	C IV 1549 C III 1909		026	436 748	789 803 1395	1032,1181sp, 1451ubv, 1526vlbi 1902avg ph mag	
1616+063	DW R	16 16 36.6 6 20 10	16 19 3.76 6 12 58.0	19			2.086	H I 1216 C IV 1549		166	578	010 412 2162	1526vlbi	
1617+175	PG C MKN 877 X 1E R	16 17 56.9 17 31 34	16 20 11.67 17 24 26.9	15.46*	.17	-1.00	0.114	O II 3727 H I 4102 H I 4340 H I 4861 O III 5007 H I 6563		1276 1416	1117 1416	1770 2011	1491ubv,1420, 1598sp,1048, 1416,1487, 2112x, 1420FeIIem, 1329elp,1030, 1362ext,1729, 2005ir 3C 334 11 arcmin N,1416; 2 compan gal, 1788,2118; faint gals near,2118	
1618+177	3CR 334 R 4C 17.68 X PKS NRAO 500 OS 131 MC 3	16 18 7.31 17 43 30.4	16 20 21.85 17 36 24.0	16.77*	.12	-.79	0.555	Mg II 2798 Mg V 2931 Ne V 2974 O III 3133 He II 3203 H I 4102 H I 4340 O III 4363		182	154 013	080 128 212 462 248 775 252 787 258 789 290 870 753 916 875 1111 920 1476 1068 1545 1902 1804 1888 1891 1998 2013	007,008ubv, 156,705, 1202pol,324, 761,1188,1304, 1467sp, 1159vlbi, 799ir,749pos, 1107,1980x, 050,343fc, 1688imag, 2180spext 1796rpol jet 1902avg Bmag; faint gals near,2118	
1619-680	PKS R	16 19 14.0 -68 2 13	16 24 18.93 -68 9 9.6	18			1.354	C III 1909 Mg II 2798		1707 2151	2199 2151	011		
1620+103	MC 2 BL Lac R	16 20 12.3 10 20 12	16 22 35.08 10 13 14.1	17.8						343 634			781ir,019sp, 914rnd,2112x	
1620+356	4C 35.41 R OS 334 B 2	16 20 39.63 35 38 23.1	16 22 29.97 35 31 26.0	18.5			1.473	C IV 1549 C III 1909		078	009	1111		
1621+392	UT R	16 21 23.4 39 16 25	16 23 7.56 39 9 30.6	17.5			1.97	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1437	1437			

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		ABS
1621+361	UT R	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	KP 70 O	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	KP 71 O	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	3CR 336 R 4C 23.43 X 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	UT R	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	PKS R	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	MC 3 R 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	KP 72 O X	16 23 8.6 27 9 59	16 25 11.14 27 3 12.2	18.0			1.44			457	1430			1430x
1623+269	4C 26.48 R PKS X 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 1888	
1623+270	KP 73 O	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	KP 74 O	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	KP 75 O	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	KP 76 O	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	KP 77 O	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	457	1496 1872 1929		1496 1872 1873 1929 2228 2263	Ly alpha abs, 1496,1929; 2.88 arcmin from KP 78, 1496
1623+268	KP 78 O	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	KP 79 O X	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	4C 41.32 R	16 24 18.25 41 41 23.5	16 25 57.68 41 34 40.6	22			2.55				1862		1936	1862vlbl

TABLE 1—Continued

OTHER NAMES	RA		V	(B-V) (U-B)		Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
	DEC (1950)	DEC (2000)		(B-V)	(U-B)			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, 1320rpol	
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 1818 2049 2009 2092	2049 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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
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	1117 1438 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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC	(1950)	DEC	(2000)						ID	Z	VAR	R	ABS		
1631+395		16 31 19.3	16 33 2.09	16 33 2.09	16 33 27.5	16.7			1.023	C III 1909 Mg II 2798	2052	2052					
1631+379		16 31 19.6	16 33 5.15	16 33 5.15	16 33 4.6	19.2			0.638	Mg II 2798	1438	1438					1692 1903
1631+379		16 31 28.4	16 33 14.00	16 33 14.00	16 33 7.2	20.2			2.810	H I 1216 C IV 1549	1438	1692					1903
1631+630	KP 80	16 31 33.0	16 32 5.53	16 32 5.53	16 32 6.1	18.0			2.13	H I 1216 C IV 1549	457	867					
1631+627	KP 81	16 31 42	16 32 15.84	16 32 15.84	16 32 33.7	20			1.98	H I 1216 C IV 1549	457	867					853rnd,1617ir 457
1631+339		16 31 43.9	16 33 35.98	16 33 35.98	16 33 23.5	20.6			1.57	C IV 1549 C III 1909	1387	1387					
1631+373		16 31 51.7	16 33 38.29	16 33 38.29	16 33 13.8	18.0			0.115	H I 4102 H I 4340 H I 4861	2052	2052					
1632+391	4C 39.46 R OS 353.8 B2	16 32 19.53	16 34 2.97	16 34 2.97	16 34 0.2	18			1.082	C IV 1549 C III 1909 Mg II 2798	033	032	531	462			1320rpol, 831sp,873xnd 4.2arcsec from anon gal 0.366 zgal,1962,2118
1632+338		16 32 37.0	16 34 29.21	16 34 29.21	16 34 3.1	20.6			3.17	H I 1216	1387	1387					
1632+339		16 32 39.0	16 34 31.00	16 34 31.00	16 34 9.2	21.0			2.37	C IV 1549 C III 1909	1387	1387					
1632+408		16 32 44.9	16 34 25.18	16 34 25.18	16 34 51.2	17.8			1.685	C IV 1549 C III 1909	2052	2052					
1632+334		16 32 46.2	16 34 38.99	16 34 38.99	16 34 15.7	20.5			2.80	H I 1216	1387	1387					
1632+394		16 32 51.7	16 34 34.48	16 34 34.48	16 34 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		16 32 59.5	16 34 44.85	16 34 44.85	16 34 9.4	18.0			1.680	C IV 1549 C III 1909	2052	2052					
1633+267		16 33 0.7	16 35 3.20	16 35 3.20	16 35 17.0	19.8			2.43	H I 1216	1387	1387					
1633+333		16 33 2.0	16 34 54.96	16 34 54.96	16 34 10.8	19.4			1.85	H I 1216 C IV 1549 C III 1909	1387	1387					
1633+340		16 33 3.8	16 34 55.60	16 34 55.60	16 34 40.9	20.1			2.07	H I 1216	1387	1387					
1633+335		16 33 6.5	16 34 59.19	16 34 59.19	16 34 11.1	20.6			3.33	O VI 1034 H I 1216	1387	1387					17 arcsec from gal,1387,2118
1633+340		16 33 7.1	16 34 58.91	16 34 58.91	16 34 11.1	21.0			2.43	H I 1216	1387	1387					
1633+334		16 33 19.6	16 35 12.33	16 35 12.33	16 35 24.0	20.6			1.76	H I 1216 C IV 1549 C III 1909	1387	1387					
1633+186	UT R	16 33 26.2	16 35 39.09	16 35 39.09	16 35 6.0	17			1.09	C III 1909 Mg II 2798	1437	1437					877pol

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		ABS
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			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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
1634+706	PG C X	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	B O 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	A O 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	MC 2 R X	16 35 25.88 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	MC 3 R 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	KP 89 O	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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
	DEC (1950)	DEC (2000)	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	4C 47.44 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				2052BAL7		
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	OS 562 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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
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 S4 OS 264.4	NRAO 512	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	238 988 1984		1565vlbi, 1789mm, 1802OVV, 2161rpol	
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, 0.034gal, 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		ABS
1640+401 X R	16 40 13.9 40 6 16	16 41 54.82 40 0 37.8	17.1	* -0.40	1.005	C III 1909 Mg II 2798	1014 2033 1770 1317 1314 1033 1314 1903							1209imag, 1033x,1033, 1617ir, 1314FeIIem Near 3C 345; 2 arcmin from MCG 7-34-137; 2118	
1640+409 O	16 40 19.2 40 58 8	16 41 58.48 40 52 30.1	20.2		2.156	H I 1216 C IV 1549 C III 1909	1438 1692 1903								
1640+409 O	16 40 20.7 40 59 28	16 41 59.93 40 53 50.2	19.2		0.878	C III 1909 Mg II 2798	1438 1438 1692 1903								
1640+397 O	16 40 29.6 39 44 13	16 42 11.19 39 38 35.9	18.0		(0.625)		1903 1903							1903phot mag	
1640+411 O	16 40 39.3 41 7 17	16 42 18.25 41 1 40.5	19.6		2.180	H I 1216 C IV 1549 C III 1909	1438 1438 1692 1903								
1640+398 O	16 40 47.1 39 49 19	16 42 28.50 39 43 43.1	18.6		1.860	H I 1216 C IV 1549 C III 1909	1014 1692 1903 2033								
1640+400 O	16 40 47.3 40 4 6	16 42 28.24 39 58 30.1	19.7		2.529*	H I 1216 C IV 1549 C III 1909	1014 1692 1723 1903							1723BAL	
1640+409 O	16 40 47.6 40 56 16	16 42 26.90 40 50 40.1	20.4		2.327	H I 1216 C IV 1549	1903 2033								
1640+404 O	16 40 51.5 40 28 59	16 42 31.66 40 23 23.4	20.1		1.580	C IV 1549 C III 1909	1438 1692 1903								
1640+400 O	16 40 53.2 40 4 28	16 42 34.12 39 58 52.5	19.3		1.595	C IV 1549 C III 1909	1014 1692 1903								
1640+395 O	16 40 57.3 39 32 54	16 42 39.20 39 27 18.8	20.2		1.466	C IV 1549 C III 1909	1014 1692 1903							Brighter, east- ernmost of close pair, 1692	
1641+396 O	16 41 2.2 39 40 37	16 42 43.85 39 35 2.2	19.8		1.414	C IV 1549 C III 1909	1014 1692 1903								
1641+394 O	16 41 9 39 29 32	16 42 50.98 39 23 57.6	18.9		2.381	H I 1216 C IV 1549	1014 1014 1692 1903							Near 3C 345, 1014	
1641+406 O	16 41 12.5 40 36 2	16 42 52.41 40 30 27.8	20.4		2.820	H I 1216 C IV 1549	1438 1438 1903 2033								
1641+412 O	16 41 15.8 41 15 46	16 42 54.43 41 10 12.0	18.8		2.03 *	H I 1216 C IV 1549 C III 1909	1438 1438 2052 1692 1723 1903 2052				1438 1723,2052BAL 1723				

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		
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,		
														1782irvar,		
														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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
1641+396		16 41 44.0	16 43 25.67	18.0			0.443	Mg II 2798 H I 4861		1014 1692 1903				
O		39 38 6	39 32 34.0											
1641+410		16 41 44.4	16 43 23.42	20.7			2.385	H I 1216 C IV 1549 C III 1909		1438 1692 1903				
O		41 2 20	40 56 48.0											
1641+399		16 41 46.0	16 43 27.03	18.1	*	-1.0	0.704	Mg II 2798		1014 1314 1770 1314 1014 1903			Near 3C 345, 1014; 5.23 arcmin from NGC 6212,2118	
X		39 58 52	39 53 20.2											
1641+399		16 41 46.1	16 43 27.19	18.4			1.083	C IV 1549 C III 1909 Mg II 2798		1014 1692 1014 1903			Near 3C 345, 1014; 3.4 arcmin from NGC 6212,2118	
O		39 56 57	39 51 25.2											
1641+411		16 41 47.8	16 43 26.64	19.2			1.570	C IV 1549 C III 1909		1438 1438 1692 1903				
O		41 7 51	41 2 19.2											
1641+399		16 41 53.4	16 43 34.41	19.3		-0.60	0.594			1265 1265 1903			1265subv, 1884imag, 897fc,897sp 5.93 arcmin from NGC 6212, 2118	
X		39 59 5	39 53 33.7											
1641+400		16 41 55.8	16 43 36.59	18.9			2.113	H I 1216 C IV 1549 C III 1909		1014 1014 1692 1903			Near 3C 345, 1014	
O		40 5 54	40 0 22.8											
1641+402		16 41 58.2	16 43 38.70	19.5			1.358	C IV 1549 C III 1909		1903 2033				
O		40 15 6	40 9 35.0											
1642+394		16 42 0.8	16 43 42.70	19.3			0.434	Mg II 2798 H I 4340		1692 1903				
O		39 29 56	39 24 25.2											
1642+397		16 42 2	16 43 43.36	20.6			2.3	H I 1216 C IV 1549		1014 1014			Near 3C 345, 1014; 7.65 arcmin from NGC 6212,2118	
O		39 47 28	39 41 57.3											
1642+410	A	16 42 4.2	16 43 43.19	18.9			0.342	Mg II 2798		1438 1692 1903				
O		41 2 25	40 56 54.3											
1642+410	B	16 42 6.5	16 43 45.49	20.4			1.240	C IV 1549 C III 1909 Mg II 2798		1438 1692 1903				
O		41 2 12	40 56 41.5											
1642+410		16 42 11.9	16 43 50.82	19.7			1.370	C IV 1549 C III 1909 Mg II 2798		1438 1692 1903				
O		41 4 13	40 58 42.9											
1642+690	4C 69.21	16 42 18.08	16 42 7.88	19.2			0.751	Mg II 2798 Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 H I 4102 O III 4363 H I 4861 O III 4959 O III 5007		507 1540 510 1568 865	988 993 1145 1338 1543 1568 1937		1280,1862vlbi, 1766rvar, 1789mm, 2103pol, 2161rpol superluminal source,1827	
R		69 2 13.2	68 56 39.8											
1642+398		16 42 25	16 44 6.23	20.5			2.179*	H I 1216 N V 1240 Si IV 1397 C IV 1549		1014 1723 1014 1692 1903		1723	1692,1723BAL Near 3C 345, 1014; 9.32 arcmin from NGC 6212,2118	
O		39 50 34	39 45 4.8											
1642+400		16 42 34.9	16 44 15.74	19.7			1.377	C IV 1549 C III 1909 Mg II 2798		1692 1903				
O		40 2 43	39 57 14.5											
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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
	DEC (1950)	DEC (2000)	DEC (1950)	DEC (2000)							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 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 C 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 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 2188	grav lens 2295 3 arcsec from 19mag gal, 0.254zgal,1975 2118		
1652+151 R	UT 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 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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)		DEC (2000)								ID	Z	VAR	R		ABS
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, 1485subv,780ir, 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, 1003sp,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, 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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES			NOTES
	DEC (1950)	DEC (2000)	Z	VAR								R	ABS		
1701+379 R	UT 17 1 24.6 37 55 36	17 3 8.05 37 51 26.4	19				2.459*	H I N V Si IV O IV C IV C III	1216 2.4294 1240 2.1692 1397 0.7105 1402 1549 1909	1437 1437 2049 2281				2049 2263	
1701+610 X	17 1 56.3 61 2 38	17 2 33.36 60 58 28.3	17.0	.40			0.164				1265 1265 2174				1265ubv, 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 R	4C 29.50 B2 CTD 98 OT 204	17 2 10.50 29 51 5.5	17 4 7.18 29 46 59.6	19.14	.15	-.86	1.930	H I N V C IV He II C III	1216 1240 1549 1640 1909	139 005 2049 2281		128 462 774 800 1578 1818 1891		059,299ubv, 1320rpol,582, 831sp,033,113, 222fc,1617ir, 2049noabs	
1704+608 R X	3CR 351 4C 60.24 NRAO 522 DA 430 OT 607 PG	17 4 3.47 60 48 31.1	17 4 41.37 60 44 30.4	16.01*	.13	-.75	0.371*	Mg II Ne V O II H I H I H I O III O III	2798 0.2219 3426 0.1634 3727 4340 4861 4861 4959 5007	154 154 1731	212 462 1869 247 775 2263	1268 2083		003,007, 249ubv,004, 156,705, 1202pol, 1320rpol, 1649mf, 958FeIIem,324, 776,958,1117, 1467sp,1028, 2099mm,696, 873,912,1107, 1183,1487, 1488,1980, 2112x,772, 1355,1693, 1941,2061uv, 1207,1261, 1700imag, 985alp,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 BL Lac X R	1E 17 4 56.8 60 46 15	17 5 34.77 60 42 18.1	19.4	1.20	.50						1268		1268 2083	1268,2112x, 1910sp	
1704+710 X	1E 17 4 58 71 1 30	17 4 23.53 70 57 30.6	17.5	.30			2.015	C III Mg II	1909 2798	698 698 2251				698ubv,696, 698x	
1705+018 R	PKS 17 5 2.71 1 52 39.4	17 7 34.41 1 48 46.8	18.9				2.576*	H I N V O I Si IV O IV C IV O III C III	1216 2.3089 1240 2.1888 1304 1.2217 1397 1402 1549 1663 1909	025 500 2049 2281		789 2049 803 2263 2162	045fc,761, 1181,1304sp, 1526vlbi		
1705+188 R	17 5 42.13 18 50 28.7	17 7 53.78 18 46 38.2	19.62	.44	-.22	2.518	H I C IV	1216 1549		124 436		789 2162	436ubv		

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		
1705+456 R	4C 45.34	17 5 45 40	50.33 1.9	17 7 45 36	17.68 10.5	17.6			0.648	Mg II 2798	507	508 538 580 1003	534 1111			865pos	
1710+329 R	UT	17 10 32 56	4.2 34	17 11 32 53	55.74 1.5	19			1.96	H I 1216 C IV 1549	1437	1437					
1711+712 X	1E	17 11 71 16	45 0	17 11 71 12	6.58 29.4	17.5	.20		1.60		698	698				698ubv, 696, 698x	
1713+504 R	53W 009	17 13 50 24	48.90 48.6	17 15 50 21	3.58 30.8				1.090		1406 1497	1497 1396				1246ir 17.9Jmag, 1396	
1714+502 R	53W 015	17 14 50 16	8.62 29.5	17 15 50 13	23.67 13.1				1.129		1406	1396				19.99Jmag, 1396	
1715+432 O		17 15 43 16	28.5 42	17 17 43 13	0.59 31.9	21.0			1.36		2278	2278				2278uv	
1715+535 C R	PG	17 15 53 31	30.7 24	17 16 53 28	35.89 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 1117 2281	1872 2174 2011	1872 1873 2228 2263		1598, 2251sp, 2112x	
1716+686 R	S4 GC	17 16 68 39	27.9 48	17 16 68 36	14.03 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 17 48	0.36 9.0	17 19 17 45	13.09 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 48 7	17.7 11	17 19 48 4	38.25 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	B2 S4	17 19 35 45	22.6 9	17 21 35 42	9.06 16.2				0.263	Mg II 2798 Ne V 3426 O II 3727 Ne III 3869		1443	1521			1526vlbi	
1719+497 R	53W 075	17 19 49 46	26.37 42.7	17 20 49 43	42.44 49.1				2.150		1406	1396				1246ir 22.15Jmag, 1396	
1719+500 O		17 19 50 5	35.6 0	17 20 50 2	50.82 7.1	19.3			1.84	C IV 1549 C III 1909	1387	1387					
1719+503 O		17 19 50 23	50.0 12	17 21 50 20	4.35 20.1	20.4			2.31	C IV 1549 C III 1909	1387	1387					
1719+348 R		17 19 34 53	56.42 37.1	17 21 34 50	44.34 46.8	21.1			1.836		1446	1447					
1720+346 O		17 20 34 41	2.3 49	17 21 34 38	50.55 59.1	18.4			(2.4)	H I 1216 C IV 1549	1438	1438					
1720+499 R	53W 080	17 20 49 58	22.07 26.8	17 21 49 55	37.55 37.2				0.546		1406 1497	1497 1396				1246ir 18.26Jmag, 1396	
1720+346 O		17 20 34 39	23.7 56	17 22 34 37	11.99 7.7	18.4			1.641	C IV 1549 C III 1909	1438	1438 2052	2052				
1720+499 R	53W 085	17 20 49 57	37.04 23.2	17 21 49 54	52.55 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	ABS		
1720+246	V396 HER	17 20 37.68	17 22 41.27	16.42*	.40	-.87	0.175	Mg II 2798	223	223	223	1162		223ubv, 705,		
V		24 39 5.9	24 36 19.1					O II 3727		476	407			1202pol, 696,		
X								H I 4861			408			912, 1488x,		
R								O III 4959						1259imag,		
								O III 5007						1319ir		
														IRAS source,		
														1806		
1720+117	H	17 20 48	17 23 8.06	15.77	.52	-.50				2177				pos from HEAO		
BL Lac X		11 47 26	11 44 40.5											cat		
1720+346		17 20 52.6	17 22 40.90	19.8			(1.6)	C IV 1549	1438	1438						
O		34 39 18	34 36 31.8					C III 1909								
1721+498		17 21 19.6	17 22 35.41	20.3			2.14	H I 1216	1387	1387						
O		49 50 0	49 47 14.5													
1721+341		17 21 28.9	17 23 18.09	20.0			(2.3)	H I 1216	1438	1438						
O		34 6 50	34 4 6.4					C IV 1549								
1721+343		17 21 29.5	17 23 18.27	19			1.80	H I 1216		633				2061uv		
		34 21 33	34 18 49.4					C IV 1549								
1721+343	4C 34.47	17 21 32.01	17 23 20.81	16.5 *			0.206	Mg II 2798	113	009	735	800		705, 1202pol,		
R	OT 336	34 20 41.8	34 17 58.4					Ne V 3426	1438		1201	994		776, 831, 958sp,		
X	B2							Ne III 3869				1171		958,		
	GV 300							Ne III 3968						2100FeIIem,		
R	R 206							He 3970						793, 1159,		
								H I 4102						1526vlbi,		
								H I 4340						1701uv, 1781x		
								O III 4363						superluminal		
								H I 4861						source 1908,		
								O III 4959						2275		
								O III 5007								
								H I 6563								
1721+340		17 21 41.3	17 23 30.59	18.0			0.29	Mg II 2798	2052	2052						
O		34 3 2	34 0 19.3													
1721+347		17 21 59.8	17 23 47.91	18.5			(2.2)	H I 1216	1438	1438						
O		34 44 37	34 41 55.6					C IV 1549								
1722+330		17 22 22.8	17 24 13.69	18			1.87	H I 1216		633						
		33 4 6	33 1 26.3					C IV 1549								
1722+119	4U	17 22 44.45	17 25 4.35	16.6					1999	1999		2088		1999pol,		
BL Lac X	H	11 54 52.4	11 52 15.3						2088	2088				2088mf, 2107x		
R														0.018zgal?,		
														1999		
1723+344		17 23 40.9	17 25 29.39	20.6			(2.2)	H I 1216	1438	1438						
O		34 29 4	34 26 29.9					C IV 1549								
1724+399	UT	17 24 54.3	17 26 32.72	18			0.66	Mg II 2798	1437	1437						
R		39 59 31	39 57 1.8					O II 3727								
								Ne III 3968								
1725+499		17 25 14.1	17 26 29.33	19.9			1.90	H I 1216	1439	1439						
O		49 57 46	49 55 17.4					C IV 1549								
1725+107	MC 2	17 25 32.25	17 27 53.51	19.2			0.833	C III 1909	1111	019		1111				
R		10 45 21.5	10 42 56.5					Mg II 2798				1888				
								Mg V 2931								
								O III 3133								
								O II 3727								
1725+503		17 25 43.4	17 26 57.65	20.4			2.1	H I 1216	1439	1439						
O		50 18 15	50 15 48.5													
1725+044	PKS	17 25 56.37	17 28 24.99	16.99	.44	-.56	0.296	H I 4102	475	1304		1171		761sp, 873x,		
R		4 29 27.9	4 27 4.9					H I 4340		500				1207, 1261imag,		
X								O III 4363						1485ubv,		
								H I 4861						1526vlbi,		
								O III 4959						1810pos		
								O III 5007								

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 R	17 26 1.3 34 25 4	17 27 49.83 34 22 40.0	18.5					2.429*	H I N V Si IV O IV C IV C III	1216 1240 1397 1402 1549 1909	2.4201	1437 1437 2049 2281			2049 2263	
1726+499	X	17 26 1.6 49 55 29	17 27 16.90 49 53 3.8	19.3	-.60				0.815				1265 1265			1265ubv, 16171r	
1726+504	O	17 26 25.3 50 28 30	17 27 39.03 50 26 6.5	19.9					1.9	H I	1216		1439 1439				
1727+502	OT 546 BL Lac C I ZW 187 X R	17 27 4.32 50 15 31.4	17 28 18.63 50 13 10.7	16.70*	.63	-.52							413 629	756 875 1142 2054	837 1200 1367 1557 1615	323,648ubv, 323,528,1988, 2062pol, 1348uv, 1259imag,781, 1012,11411r, 1007,1114, 1649mf, 965phot,668, 829,1088,2107, 2112x,750pos, 1526vlbi,280, 553,620,628, 630,631sp 0.055egal,553 1902avg Bmag	
1727+502	O	17 27 12.5 50 15 7	17 28 26.82 50 12 46.9	19.1					2.1	H I	1216		1439 1439				
1727+499	O	17 27 17.0 49 56 41	17 28 32.18 49 54 21.3	19.3					1.9	H I	1216		1439 1439				
1727+386	UT R	17 27 18.1 38 40 45	17 28 58.97 38 38 26.2	17.5					1.39	C IV C III Mg II	1549 1909 2798		1437 1437				
1727+503	O	17 27 28.1 50 21 3	17 28 42.13 50 18 44.0	19.2					2.2	H I	1216		1439 1439				
1729+491	4C 49.29 R	17 29 27.22 49 8 36.3	17 30 44.49 49 6 26.0	18.8					1.038	C III Mg II	1909 2798		009 1288		507	009sp	
1729+501	4C 50.43 R	17 29 49.26 50 9 44.3	17 31 3.71 50 7 35.5	17.7					1.107	C III Mg II	1909 2798		507 580		534 1111 1166 1170 2009	873xnd,538, 1003sp	
1730-130	NRAO 530 R X	17 30 13.43 -13 2 46.2	17 33 2.60 -13 4 49.9	18.5 *					0.902	O II H I H I	3727 4340 4861		097 1176 755 1802 1538 1557 1792			020sp,818,952, 1241x,1317fc, 952,1466, 1526vlbi, 879rvar, 1789mm	
1732+160	MC 3 R 4C 16.49	17 32 27.96 16 2 27	17 34 42.69 16 0 31.8	18.4					(1.88)	C IV C III	1549 1909		009 415		789 1818 1891 2013	1795rpol jet	
1732+389	OT 355 R S04	17 32 40.49 38 59 47.0	17 34 20.59 38 57 51.5	19					0.976	Mg II	2798		791 1984 1985			1985IRAS	
1732+655	4C 65.21 R	17 32 46.26 65 35 23.3	17 32 54.03 65 33 24.9	17.6					0.856	C III C II Mg II	1909 2326 2798		507 538		534 1166		
1734+063	PKS R	17 34 47.34 6 22 48.2	17 37 13.72 6 21 3.5	17.9					1.207	C IV Mg II	1549 2798		412 1861		1861		
1735+356	UT R	17 35 30.5 35 36 47	17 37 16.72 35 35 4.0	18.0					1.27	C III Mg II	1909 2798		1437 1437				
1738+499	OT 463 R S4	17 38 12.7 49 56 36.0	17 39 27.42 49 55 3.7	19					1.545	C IV	1549		501 1443		1521		

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		ABS
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 X	4C 51.37 OT 566 GC	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		436,1485subv
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	ABS		
1749+701 BL Lac R S4	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 X	OT 081 4C 09.57 PKS	17 49 10.4 9 39 43	17 51 32.83 9 39 0.9	17.88*	.52	-.42	0.322	H I 4861 O III 4959 O III 5007 H I 6563 S II 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 2798 H I 4102 H I 4340 H I 4861 O III 4959 O III 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 1909 Mg II 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 2798 O II 3727 NeIII 3869 H I 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 1549 C III 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 1216 1.7350 C IV 1549 1.6745 He II 1640 1.6164 N III 1750 1.6136 C III 1909 1.4608 C II 2326 1.4440 1.3713 0.0002	010 009 1901	1395 009 1586 558 560 1526vlbi 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 1216 C IV 1549		1443	1521			1526vlbi, 1789mm	

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				
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	507	538 2049 2281	534 2049 1818 1891	2049 2263	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	476 2251 2281	1544		877pol,749, 865pos, 910rvar,1451, 1485ubv, 1526vlbi, 1805mmvar, 1983ir		

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)	DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
1821+643	E X	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	4C 56.27 R X	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	UT R	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	3CR 380 R X 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		136 013 247 128 560 154 248 462 249 534 252 777 290 787 492 801 529 830 760 882 1145 1152 1340 1393 1804 1891 2000 2013			003ubv,705, 1202,2103pol, 958FIIem, 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	4C 28.45 R 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	PKS R	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 2.2388 Si IV 1397 2.203 O IV 1402 1.1260 C IV 1549 0.8637 0.8182 0.7555	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 GC R	18 42 43.32 68 6 19.3	18 42 33.58 68 9 24.7	17.9				0.475	Mg II 2798 H I 4861		507 1288		534 1521		1526vlbi, 1789mm		
1843+357 UT R	18 43 37.6 35 45 0	18 45 24.16 35 48 13.4	18				1.21	C IV 1549 C III 1909		1437 1437						
1847+335 X	18 47 24.8 33 30 11	18 49 15.31 33 33 40.8	17.7	-0.50			0.509			1265 1265				1265subv, 1617ir,1910sp		
1850-782 IRAS IR R	18 50 8 -78 15 0	18 57 53.29 -78 11 6.0	15.5				0.162	H I 4861 He I 5876 H I 6563		2172 2172		2300		2172Jmag 2172extreme FeIIem		
1850+402 UT R	18 50 51.8 40 15 23	18 52 30.40 40 19 7.1	18.5				2.12	H I 1216 C IV 1549		1437 1437						
1853+354 UT R	18 53 50.1 35 27 25	18 55 37.62 35 31 22.0	19.5				1.69	C IV 1549 C III 1909		1437 1437		1976				
1857+566 4C 56.28 R	18 57 31.70 56 41 45.8	18 58 26.93 56 45 56.6	17.3				1.578*	C IV 1549 1.2345 He II 1640 1.1057 O III 1663 0.7151 C III 1909 Mg II 2798	507 538 2174 2049 2281	534 2049 751 2263 1145 1166 1167 1778 1818 1891 1976			2010imag			
1901+319 3C 395 R	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, 1320rpol, 1336rvar superluminal source,1814; 1902avg Bmag		
1903-802 PKS R	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 R 21 C	19 8 36 -60 2 0	19 13 0.00 -59 56 55.3	21.45	.33	-0.75	1.918		H I 1216 Si IV 1397 C IV 1549		885 878				878subv		
1912-550 PKS R	19 12 35.2 -55 0 9	19 16 39.26 -54 54 48.4	16.49	.09	-0.81	0.402*		Mg II 2798 NeIII 3869 NeIII 3968 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007	0.4012 421 1304 493		493 1077 1420 1666 2228 2263		761,1420sp, 1077,1355, 1693uv,1617ir, 411fc,1485subv, 1420FeIIem, 1666,2145imag anon gal near, 2118			
1914-455 MC R PKS	19 14 1.40 -45 35 56.8	19 17 39.61 -45 30 31.2	16.80	.21	-0.74	0.364		Mg II 2798 O II 3727 H I 4340 H I 4861 O III 4959 O III 5007		411 1445 1445		385		1485subv		
1921-293 OV 236 R X	19 21 42.26 -29 20 27.0	19 24 51.08 -29 14 30.8	16.82*				0.352	Mg II 2798 O II 3727 O III 4959 O III 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, 1388rpol,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)					NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS			
1924+507	4C 50.47 R	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	4C 73.18 R S5 X	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 933 1811 1540		933 1212 1667 1793 2144	933x,933, 2103pol,865fc, 996,1526, 1862vlbi, 1664pos, 1766rvar,1789, 1855mm, 2133varnd, 2161rpol superluminal source 1827, 1690;		
1929-457	PKS R	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	PKS R	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	PKS R	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	PKS R	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, 148Subv, 2145imag		
1946+769	HS O	19 46 41.0 76 58 26	19 44 55.05 77 5 52.3	15.85					3.02 *	H I 1216 3.049 Si IV 1397 2.843 C IV 1549 1.738 C III 1909	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	superluminal 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	PKS R	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	OV 591 R	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	PKS R	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		023 411	761,1304, 2229sp,886ir, 1320rpol, 1485subv, 1526vlbi,1800, 2103pol, 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		
1958-179	PKS R OV 198	19 58 4.64 -17 57 16.8	20 0 57.12 -17 48 57.6	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 -33 0 12.3	20 3 24.16 -32 51 44.4	19.0			3.783*		LYB 1026 O VI 1034 H I 1216 N V 1240 O I 1304 Si II 1307 Si IV 1397 O IV 1402 C IV 1549 3.1248 3.0465 2.9780 2.9236 2.0330 1.4542	1026 3.5575 1034 3.5523 1216 3.5479 1240 3.3375 1304 3.3334 1307 3.2303 1397 3.1914 1402 3.1881 1549 3.1726	1004 1874 1019 1251 2049 2281		1019 1019 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 -38 15 53	20 5 31.76 -38 7 17.3	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 -18 30 8.9	20 5 17.27 -18 21 33.3	19 *			0.859		C III 1909 Mg II 2798 Ne V 3426 O II 3727 NeIII 3968 O III 4363		466 1304 188 011 466				1526vlbi, 188fc	
2003-025	PKS R	20 3 32.22 -2 32 14.5	20 6 8.47 -2 23 35.2	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 -4 27 18	20 8 24.14 -4 18 30.4	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 -48 58 43.1	20 9 25.39 -48 49 53.5	15.3 *							1504	1504 1503 2054			1504,1505sp, 1504,2107, 2112x, 1526vlbi, 1679uv IRAS source, 1806;0.071zgal 1713;	
2005+403	R	20 5 59.54 40 21 2	20 7 44.93 40 29 48.8	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, 1789mm	
2007+777	S5 R X	20 7 20.42 77 43 58.0	20 5 31.02 77 52 43.1	16.5			0.342		O II 3727 O III 4959 O III 5007		1443 1984 1811		933 1441 1555 1557 1793		933,2112x, 933pol,933sp, 996,1526vlbi, 1667,1766rvar, 1789,1855mm, 2133varnd	
2008-159	PKS R	20 8 25.88 -15 55 36.7	20 11 15.68 -15 46 38.8	17.2			1.18		C III 1909 Mg II 2798		188 500		1145 1976		761,1304sp, 865pos, 1526vlbi, 1789mm	
2009-470	C05.07	20 9 49.1 -47 5 54	20 13 23.10 -46 56 49.6	17.78			2.37				2277 2277					
2013-307	PKS R	20 13 23.10 -30 44 35.2	20 16 29.83 -30 35 18.6	20.0			0.978		C III 1909 Mg II 2798		1004 1251		1251			

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	ABS	
2016+112	MG B	20 16 55.3	20 19 18.02	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		
	R	11 17 45	11 27 13.0												
2016+112	MG A	20 16 55.5	20 19 18.22	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		
	R	11 17 46	11 27 14.0												
2020-370	PKS	20 20 31.99	20 23 46.75	17.5	.33	-.62	1.048*	C III 1909 0.0286 Mg II 2798 0.0000	103 024 561 023 880	024 561 023 880 023 745 387 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;		
	R	-37 5 2.8	-36 55 20.2												
2021-330	PKS	20 21 26.9	20 24 35.87	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		
	R	-33 3 25	-32 53 39.4												
2021-208	MC	20 21 38.63	20 24 33.02	18.4			1.299	C IV 1549 He II 1640 C III 1909 Mg II 2798	1445 1445						
	R	-20 53 38.5	-20 43 52.6												
2022-702	PKS	20 22 20.55	20 27 24.11	18.8			0.697	Mg II 2798 O II 3727	1898 1251		1251		1526vlbi		
	R	-70 17 8.4	-70 7 16.2												
2023-385	O	20 23 1.9	20 26 18.59	19			2.33	H I 1216 N V 1240 C IV 1549	478 478				846rnd		
		-38 35 1	-38 25 9.5												
2024-217	PKS	20 24 9.1	20 27 4.27	19			0.463	Mg II 2798 Ar IV 2854 Ne V 3426 O II 3727	188 024		011		761,1304sp, 1526vlbi		
	R	-21 46 16	-21 36 21.2												
2025+117	MC 2	20 25 54.30	20 28 16.87	19			1.92	H I 1216 C IV 1549 He II 1640 O III 1663 C III 1909	415		1818 1976		1818pos		
	R	11 45 30.3	11 55 30.2												
2032+107	MC 3	20 32 58.6	20 35 22.38	18.6			0.601	Mg II 2798 O II 3727 Ne III 3869 H I 4340 H I 4861 O III 4959 O III 5007	634 1689		1086 1367		634,1988, 2062pol,781ir, 1526vlbi, 2112x, 2174varnd		
BL Lac	PKS	10 45 42	10 56 6.4												
	OW 154.9														
2034-342	F36	20 34 18.33	20 37 27.39	19.64			3.41	H I 1216 N V 1240 C IV 1549	2187 2187				2187m(or)		
	C	-34 16 0.1	-34 5 29.8												
2034-331	A05.06	20 34 22.1	20 37 29.74	17.2			1.90		2277 2277						
		-33 11 3	-33 0 32.5												
2034-332	A05.05	20 34 37.4	20 37 45.13	18.0			1.09		2277 2277						
		-33 16 44	-33 6 12.6												
2035-344	F21	20 35 7.19	20 38 16.39	19.14			3.01	H I 1216 N V 1240 C IV 1549	2187 2187				2187m(or)		
	C	-34 26 49.2	-34 16 16.1												

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	ABS		
2035-361	F09 C	20 35 46.39	20 38 57.86	20 38 57.86	20 38 57.86	18.91			2.32	H I 1216 N V 1240 C IV 1549	2187	2187					2187m(or)
		-36 11 36.4	-36 1 1.0	-36 1 1.0	-36 1 1.0												
2036-324	C	20 36 15.10	20 39 21.61	20 39 21.61	20 39 21.61	19.66			1.70		2187	2187					2187m(or)
		-32 28 14.1	-32 17 37.3	-32 17 37.3	-32 17 37.3												
2037+511	3CR 418 R 4C 51.42 X NRAO 636	20 37 7.3	20 38 36.89	20 38 36.89	20 38 36.89	20			1.686	C IV 1549 C III 1909 Mg II 2798	400	137		882 1167 1338 1557 1937 1976		873x,936rvar, 1172ir, 1526vlbi	
		51 8 35	51 19 11.8	51 19 11.8	51 19 11.8												
2037-253	PKS R	20 37 10.78	20 40 8.79	20 40 8.79	20 40 8.79	18.8			1.574	Si IV 1397 O IV 1402 C IV 1549 C III 1909	188	1304		011		761sp, 1526vlbi, 1810pos	
		-25 18 26.1	-25 7 46.4	-25 7 46.4	-25 7 46.4												
2037-325	C	20 37 25.00	20 40 31.49	20 40 31.49	20 40 31.49	18.70			0.70		2187	2187					2187m(or)
		-32 33 59.7	-32 23 18.9	-32 23 18.9	-32 23 18.9												
2037-007	O	20 37 25.8	20 40 0.18	20 40 0.18	20 40 0.18	19.9			2.3	H I 1216	1439	1439					
		-0 44 39	-0 33 59.2	-0 33 59.2	-0 33 59.2												
2038-011	O	20 38 10.9	20 40 45.64	20 40 45.64	20 40 45.64	20.4			2.26	H I 1216 C IV 1549	1439	1439					
		-1 9 10	-0 58 27.6	-0 58 27.6	-0 58 27.6												
2038-012	O	20 38 16.6	20 40 51.45	20 40 51.45	20 40 51.45	19.1			2.783*	H I 1216 2.6565 Si IV 1397 2.4238 O IV 1402 2.1757 C IV 1549 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		
		-1 16 21	-1 5 38.3	-1 5 38.3	-1 5 38.3												
2038-371	F20 C	20 38 17.57	20 41 30.07	20 41 30.07	20 41 30.07	18.43			3.00	H I 1216 N V 1240 C IV 1549	2187	2187					2187m(or)
		-37 11 6.4	-37 0 22.5	-37 0 22.5	-37 0 22.5												
2038-367	F07 C	20 38 28.15	20 41 40.00	20 41 40.00	20 41 40.00	18.62			2.27	H I 1216 N V 1240 C IV 1549	2187	2187					2187m(or)
		-36 44 3.4	-36 33 19.0	-36 33 19.0	-36 33 19.0												
2038-338	C	20 38 32.09	20 41 40.12	20 41 40.12	20 41 40.12	19.70			1.40		2187	2187					2187m(or)
		-33 53 12.4	-33 42 27.8	-33 42 27.8	-33 42 27.8												
2039-331	C	20 39 17.58	20 42 24.63	20 42 24.63	20 42 24.63	18.62			2.27		2187	2187					2187m(or)
		-33 11 21.6	-33 0 34.5	-33 0 34.5	-33 0 34.5												
2039-375	F08 C	20 39 23.04	20 42 35.92	20 42 35.92	20 42 35.92	19.65			2.29	H I 1216 N V 1240 C IV 1549	2187	2187					2187m(or)
		-37 33 58.7	-37 23 11.2	-37 23 11.2	-37 23 11.2												
2040-374	O	20 40 7	20 43 19.56	20 43 19.56	20 43 19.56	17.84	-0.11	-0.46	2.276	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909	409	409					1485subv,954sp
		-37 24 48	-37 13 58.0	-37 13 58.0	-37 13 58.0												
2040-400	O	20 40 11.5	20 43 27.85	20 43 27.85	20 43 27.85	18.1			2.07	H I 1216 N V 1240 C IV 1549	478	478					846rnd
		-40 1 38	-39 50 47.7	-39 50 47.7	-39 50 47.7												
2040-327	F02 C	20 40 56.52	20 44 2.84	20 44 2.84	20 44 2.84	18.18			0.89		2187	2187					2187m(or)
		-32 46 6.1	-32 35 13.6	-32 35 13.6	-32 35 13.6												
2041-617	MC R	20 41 37.14	20 45 44.47	20 45 44.47	20 45 44.47	18.3			0.274	Mg II 2798 H I 4340 H I 4861 O III 4959 O III 5007 H I 6563	1445	1445					
		-61 44 1.3	-61 33 4.8	-61 33 4.8	-61 33 4.8												
2041-310	X	20 41 41.9	20 44 46.05	20 44 46.05	20 44 46.05	18.0			0.434	Ne V 3426 O II 3727 NeIII 3869	1314	1314					1314x
		-31 4 24	-30 53 29.0	-30 53 29.0	-30 53 29.0												

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)	DEC (1950)	DEC (2000)							ID	Z	VAR	R	ABS	
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	188 1304 024 058		011 058 1976 560			1202pol,761, 954,1138sp, 1485ubv, 1394 1526vlbi 1635 1747 2228 2263		
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 NeIII 3869 NeIII 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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
	DEC (1950)	DEC (2000)								ID	Z	VAR	R	ABS		
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	PKS MC	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		ABS
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	Ne III 3869 Ne III 3968 H I 4102 H I 4861 O III 4959 O III 5007			103 493 745 023 1898 387				761,1304sp, 8861r,1485ubv, 1526vlbi	
2059+034 R	PKS 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			026 436 756 775 875 789 1068 803 1902				436ubv, 1320rpol,1617, 20211r, 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 Ne III 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 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)	REFERENCES				NOTES
	DEC (1950)	DEC (2000)	DEC (1950)	DEC (2000)							ID	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 1E	PAVO XD-10 -67 58 49.8	21 15 41.31 -67 46 20.6	20.7			0.72	Mg II 2798		1204 1204					1432img, 1204img	
2111-681 X R	1E -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			1204img	
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					1204img	
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 1304		761,954sp		
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 Ne III 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	ABS		
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	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	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	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)	DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
2118-470 V	21 18 29.1 -47 2 35	21 21 48.80 -46 49 46.8	18.32*				-0.49	1.33			1561	1561	1561		
2118-430 V	B 21 18 47.6 -43 3 11	21 22 1.28 -42 50 22.1	20.35*					1.990	C IV 1549 C III 1909		2094	2094		1.54 arcmin from 2118-430A 2094	
2118-430 V	A 21 18 55.7 -43 3 37.6	21 22 9.36 -42 50 48.3	18.43*				-0.21	2.201+	C III 1909		1561	2094	1561	2094BAL	
2118+168 O	21 18 59.9 16 51 26	21 21 20.60 17 4 14.1	19.5					2.30	H I 1216 C IV 1549		1439	1439			
2119-479 O	21 19 25.6 -47 58 55	21 22 46.60 -47 46 4.1	18.4					1.464			2274	2274			
2119-442 O	21 19 25.7 -44 15 49	21 22 40.96 -44 2 58.3	18.3					0.728			2274	2274			
2119-428 V	21 19 26.2 -42 49 40	21 22 39.43 -42 36 49.3	18.60*				-0.27	-0.43	1.06		1463	1463	1463	1561ubv	
2120+168 R X OX 134.2 MC 3 NRAO 656	3CR 432 4C 16.72 PKS OX 134.2 MC 3 NRAO 656	21 20 25.53 16 51 46.4	21 22 46.32 17 4 38.4	17.96			0.22	-0.79	1.805*	H I 1216 C IV 1549	1.7975 1.5624	064	098	128 560 462 1635 775 1749 787 2228 789 2263 916 1170 1586 1804 1891 2013	003ubv, 1201pol, 1320rpol,1107, 1980x,324sp, 050,182,301fc, 1617ir 1796rpol jet
2120-701 R	PKS 21 20 35.22 -70 10 53.1	21 25 5.73 -69 57 57.3	19.0					1.98	H I 1216 Si IV 1397 O IV 1402 C IV 1549		767	767	767		
2120-474 O	21 20 50.8 -47 27 16	21 24 10.59 -47 14 21.2	18.0					1.591			2274	2274			
2120-434 O	21 20 50.9 -43 27 57	21 24 4.72 -43 15 2.3	18.2					1.240			2274	2274			
2121+053 R X	OX 036 PKS GC 21 21 14.8 5 22 27	21 23 44.52 5 35 21.6	17.5					1.941	C IV 1549 C III 1909		165	100 2251	1170 1557 1976	761sp,873x, 899rpol, 1086rvar, 132fc, 1526vlbi, 1789mm, 2103pol	
2121-438 V	21 21 26.8 -43 51 34.8	21 24 41.04 -43 38 38.5	19.79*					2.74			1463	1463	1463		
2121-452 V	21 21 33.8 -45 15 10	21 24 50.03 -45 2 13.3	19.19*					0.758	Mg II 2798		2094	2094		4.27 arcmin from 2121-4510 2094	
2121-451 V	21 21 37.0 -45 10 55	21 24 53.11 -44 57 58.2	18.00*					0.332	Mg II 2798 H I 4861		2094	2094			
2121-441 O	21 21 42.0 -44 6 58	21 24 56.55 -43 54 1.0	18.0					1.735			2274	2274			
2121-179 IR R	21 21 54.3 -17 57 43	21 24 41.68 -17 44 46.1	16.50					0.110			1860	1860	2300	IRAS source 1860	
2122-425 O	21 22 0.2 -42 31 44	21 25 12.49 -42 18 46.2	18.1					2.266			2274	2274			
2123-469 O	21 23 3.7 -46 54 52	21 26 22.10 -46 41 51.1	18.7					1.400			2274	2274			
2123-408 O	21 23 8.2 -40 48 36	21 26 18.01 -40 35 35.1	18.5					2.29 +	H I 1216 N V 1240 C IV 1549		478	478	478	846rnd	

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

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		ABS
2126-158 R X	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	011 455 2162 544	1561 1561 1561	1201pol,761, 911,986, 1304sp,862, 886,1092, 1617r,912, 2302x,1328nm, 1526vlbi, 1941uv, 2174varnd Ly alpha abs, 562;Ly limit abs,z=2.973 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*					-.38	1.58		1561 1561 1561				
2126-185 R	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	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	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	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	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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES	
		DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
2128-434		21 28 13.1	21 31 25.31	17.4			0.920			2274	2274				
O		-43 27 7	-43 13 52.3												
2128-459		21 28 13.8	21 31 29.46	18.4			0.624			2274	2274				
O		-45 55 7	-45 41 52.2												
2128-461		21 28 21.9	21 31 37.91	17.22*		-0.63	0.835	Mg II 2798		1561	2094	1561			
V		-46 10 54	-45 57 38.8							1561					
2128-315	PKS	21 28 24.52	21 31 23.21	18.5			0.99	Mg II 2798		025	1004		384	1004fc	
R		-31 34 27.6	-31 21 12.8												
2128-355	A08.01	21 28 33.3	21 31 36.00	18.4			3.19			2277	2277				
		-35 32 2	-35 18 46.7												
2128-123	PHL 1598	21 28 52.72	21 31 35.31	15.89*	.17	-0.67	0.501*	Mg II 2798	0.4299	055	051	007	023	560	007,055,1451,
C	PKS	-12 20 20.1	-12 7 4.4					H I 4340	-0.0001	1731	212	128	1077	1485	Subv,1077,
X	OX 148							H I 4861			252			1420	1355,1693,
R											253			1528	1941,2061uv,
											290			1731	1202,1626,
											529			2075	2103pol,954,
											745			2228	958,1188,1420,
											920			2244	1467,1922,
											1068			2263	2229sp,958,
											1902				1420FeIem,
											2054				1183x,1617ir,
															1526vlbi,
															086fc,
															1483rvar,
															1789mm,
															1797elp,
															1810pos,
															1942uvvar
															8.6arcsec from
															anon gal,0.430
															rgal,1528,2118
															2262;
															1902avg Bmag
2128+089	AO	21 28 54.43	21 31 21.71	18.49	.58	-0.62	0.986	C III 1909		124	084			775	436ubv,
R	4C 08.62	8 59 19.5	9 12 34.8					C II 2326			018			789	1320rpol
	OX 049							Mg II 2798			436			2085	
2129-431		21 29 5.3	21 32 16.89	18.4			0.311			2274	2274				
O		-43 7 28	-42 54 11.0												
2129-464		21 29 39.4	21 32 55.43	17.9			0.435+			2274	2274				
O		-46 24 19	-46 11 0.4												
2130-438		21 30 41.3	21 33 53.43	19.67*			1.03			1463	1463	1463			
V		-43 48 1.7	-43 34 40.5												
2131-461		21 31 2.7	21 34 18.03	18.47*		.03	2.94			1561	1561	1561			
V		-46 9 31.3	-45 56 9.1												
2131-010		21 31 11.8	21 33 46.23	19.6			1.58			2278	2278				2278uv,
O		-1 1 58	-0 48 36.4												2278BAL
2131-009		21 31 14.2	21 33 48.55	21.6			1.63			2278	2278				2278uv
X		-0 55 12	-0 41 50.3												
R															
2131-429		21 31 20.9	21 34 31.80	19.79*			2.272	H I 1216		2094	2094				
V		-42 58 18	-42 44 55.1					C IV 1549							
								C III 1909							
2131-430		21 31 23.5	21 34 34.42	19.88*			1.647	C IV 1549		2094	2094				
V		-43 0 0	-42 46 37.0					C III 1909							
2131-429		21 31 33.5	21 34 44.34	18.11*		-0.59	2.093	H I 1216		1561	2094	1561			
V		-42 57 51	-42 44 27.5					C IV 1549				1561			
								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	ABS		
2131-021	PKS BL Lac R X	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,781ir, 1088,2112x, 1526vlbi, 1661rvar, 1789mm, 1810pos,2046, 2103pol 1902avg ph mag	
2131+175	4C 17.87 R	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*			-.57	1.89			1561	1561	1561			
2132-427	A V	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	B V	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	-.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*			-.49	0.90			1561	1561	1561			
2132+014	PC O	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*			-.26	1.56			1561	1561	1561			
2134+004	PHL 61 C PKS X DA 553 R OX 057 GC	21 34 5.28 0 28 25	21 36 38.66 0 41 54.1	17.55*	.30	-.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 1805mmvar, 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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES					NOTES
		DEC (1950)		DEC (2000)									Z	VAR	R	ABS		
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,	
																	0.2008gals,	
																	1650,2118;	
																	close compan	
																	gal,1682;	
																	1902avg ph mag	
2135-465		21 35 6.5		21 38 21.38		18.8												
	O	-46 32 27		-46 18 54.3													2.214	
																	2274 2274	
2135-455		21 35 14.3		21 38 27.71		17.7												
	O	-45 30 50		-45 17 17.0													0.308	
																	2274 2274	
2135-427		21 35 14.3		21 38 24.04		17.2												
	O	-42 43 49		-42 30 16.1													0.250	
																	2274 2274	
2135-463		21 35 19.3		21 38 33.85		18.5												
	O	-46 20 47		-46 7 13.7													0.505	
																	2274 2274	
2135-428		21 35 20.2		21 38 30.12		17.91*		-.78	1.46									
	V	-42 53 30		-42 39 56.8													1561 1561 1561	
2135-145		21 35 27.8		21 38 11.63		19.9				1.90	H I 1216							
	O	-14 32 11		-14 18 38.1							C IV 1549						1439 1439	
2135-440		21 35 41.5		21 38 52.79		18.30*				0.461	Mg II 2798							
	V	-44 0 50		-43 47 15.9													2094 2094	
																	1.17 arcmin	
																	from 2135-4401	
																	2094	
2135-248	PKS	21 35 45.38		21 38 37.16		18.6 *				0.821	Mg II 2798							
	R	-24 53 29		-24 39 55.2													011 1304 011	
																	500	
																	761sp,	
																	1526vlbi	
2135-440		21 35 47.2		21 38 58.48		19.63*				(0.842)	Mg II 2798							
	V	-44 1 24		-43 47 49.6													2094 2094	
2135-395		21 35 55.9		21 39 1.74		18.6				1.46	C IV 1549							
	O	-39 34 57		-39 21 22.4							C III 1909						478 478	
																	846rnd	
2136-430		21 36 30.3		21 39 40.13		18.2				1.343								
	O	-43 1 23		-42 47 46.8													2274 2274	
2136+141	OX 161	21 36 37.44		21 39 1.34		18.5				2.427*	O VI 1034	1.823	165	100				
	R PKS	14 10 0.6		14 23 35.9							H I 1216						1152 1550	
											N V 1240						2162 1551	
											Si IV 1397						2228	
											C IV 1549						750pos	
																	2263	
																	damped Ly	
																	alpha,z=1.823,	
																	1551	
2136-437		21 36 46.5		21 39 57.19		18.2				0.490								
	O	-43 44 38		-43 31 1.1													2274 2274	
2137-445		21 37 51.5		21 41 3.05		18.4				0.632								
	O	-44 35 49		-44 22 9.4													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)	DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
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 PHL 109 C PKS R	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 MC 2 R 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 PKS R OX 169 X 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	044	528	1111	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 1E X	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	ABS				
2142-758	PKS R	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	761sp,1485ubv, 761 807pos,1617ir, 2228 1526vlbi 2263		
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	MC 2 R	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	1111 1888	1201pol, 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	PKS R OX 173 X	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	PKS R OX 175	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	PKS R	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	PKS R	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	PKS R 4C 06.69 OX 076.1 DA 562	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	324 008 436 2251	080 248 252 253	128 789 816 934	836 1873 2075 2228	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 zgal,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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
2146-133	PKS R OX 178 MSH 21-119	21 46 46.37	21 49 28.68	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, 1320rpol			
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				477 477 1948		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 Z VAR R ABS	NOTES
2152-211 O	MD5:12	21 52 37.63 -21 7 26.8	21 55 24.82 -20 53 12.3	18.9		1.46	C IV 1549 C III 1909		477 1948 1948		
2152-177 O		21 52 56.8 -17 46 51.9	21 55 41.67 -17 32 36.7	18.5		0.26			477 477		pos & B(J)mag, 2274
2153-208 O	MD5:13	21 53 3.41 -20 52 30.1	21 55 50.38 -20 38 14.6	19.2		1.59	C IV 1549 C III 1909		1948 1948		1948phot mag
2153-209 O	MD5:14	21 53 6.61 -20 56 0.7	21 55 53.62 -20 41 45.1	18.15		1.843	Si IV 1397 O IV 1402 C IV 1549 C III 1909		467 467 1948 477 1304 1400 1948		761sp,477fc 3.60 arcmin from 215303.41 -205230.1,1948
2153-217 O	MD5:15	21 53 10.73 -21 42 21.2	21 55 58.27 -21 28 5.4	18.9		2.43	LYB 1026 H I 1216 Si IV 1397 C IV 1549		477 477 1948 1948		pos & B(J)mag, 2274
2153-190 O	MD5:16	21 53 19.67 -19 2 43.1	21 56 5.36 -18 48 27.0	19.3		2.23	H I 1216 C IV 1549		1948 1948		1948phot mag
2153-174 O		21 53 26.8 -17 29 54.9	21 56 11.45 -17 15 38.6	20		2.30			477 477		
2153-215 O	MD5:17	21 53 27.78 -21 32 1.0	21 56 15.17 -21 17 44.5	19.0		2.28	H I 1216 C IV 1549		1948 1948		1948phot mag
2153-174 O	MD5:18	21 53 32.18 -17 24 9.3	21 56 16.76 -17 9 52.7	19.3		2.08	H I 1216 He II 1640		1948 1948		1948phot mag
2153-193 O		21 53 41.9 -19 18 14.1	21 56 27.74 -19 3 57.1	19.75		0.54			477 477		
2153-200 O	MD5:19	21 53 42.61 -20 5 10.3	21 56 28.98 -19 50 53.3	19.2		2.27	H I 1216 C IV 1549		1948 1948		1948phot mag
2153-204 R	PKS	21 53 47.1 -20 26 49.0	21 56 33.71 -20 12 31.8	17.01	.14 -.90	1.31 +	C IV 1549 C III 1909 Mg II 2798		051 051 477	023 051 1527 1976	954sp,477fc, 1485subv
2154-204 O		21 54 0 -20 24 0	21 56 46.56 -20 9 42.3			1.882			1400		
2154-212 O		21 54 5.9 -21 17 43	21 56 53.06 -21 3 25.1	19.45		(0.55)			477 477		
2154-180 O	MD5:20	21 54 7.91 -18 0 27.3	21 56 52.84 -17 46 9.4	18.7		2.98	H I 1216		1948 1948		1948phot mag
2154-194 O		21 54 11.0 -19 26 31.5	21 56 56.89 -19 12 13.5	20		(0.42)			477 477		
2154-184 R	PKS	21 54 12.11 -18 28 4.8	21 56 57.34 -18 13 46.7	19.80		0.668	Ne V 3345 Ne V 3426 O II 3727 Ne III 3869 O III 4363 H I 4861 O III 4959 O III 5007		1016 1997		1997Bmag
2154-199 O	MD5:21	21 54 13.17 -19 56 52.5	21 56 59.40 -19 42 34.4	19.5		2.54	H I 1216 O IV 1402		1948 1948		1948phot mag
2154-200 O	MD5:22	21 54 19.66 -20 5 30.8	21 57 5.98 -19 51 12.4	18.3		2.014	C IV 1549 C III 1909		467 467 1948 477 2210 1400 1948 2210		477fc
2154-183 O	MD5:23	21 54 25.43 -18 22 58.9	21 57 10.59 -18 8 40.3	18.7		2.07	H I 1216 C IV 1549		1948 1948		1948phot mag
2154-186 O	MD5:24	21 54 35.62 -18 37 27.2	21 57 20.92 -18 23 8.2	19.2		2.32	H I 1216 C IV 1549		1948 1948		1948phot mag

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		ABS
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		1485ubv
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 970 837 1984	1984 2054	1145 1200 1557 1861 1961		781lr, 1526vibi,1200, 1626,2103pol, 458sp,936rvar, 1789mm,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)			RA (2000)			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC	1950	23	DEC	2000	31.2							ID	Z	VAR	R		ABS
2155-304	PKS	21 55 58.23	21 58 51.95	13.58*	.35	-.73	*	0.1	668	696 1200 1460	699,1626,1988,							
BL Lac	X H	-30 27 53.4	-30 13 31.2						706	1902 1367 2263	2062pol,891,							
	R									2209 1481	1348,1905uv,							
										1615	1050,1958ubv,							
										1961	1267,1343,							
											1633,1703xvar,							
											668,696,1088,							
											1198,1306,							
											1542,1936,							
											2107,2112x,							
											781,886,1012,							
											1141lr,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		21 56 2.1	21 58 49.00	20				(0.45)	477	477								
	O	-21 11 25.4	-20 57 3.2															
2156-183		21 56 4.7	21 58 49.68	18.4				0.360	2274	2274								
	O	-18 19 14	-18 4 51.7															
2156-348	A09.51	21 56 6.4	21 59 3.78	19.2				2.21	2277	2277								
		-34 52 16	-34 37 53.4															
2156-196	QSM7:28	21 56 12.4	21 58 58.28	20.38				-.16 0.832	Mg II 2798	2058 2058							2058Bmag,	
	C	-19 41 53	-19 27 30.4														2058ubv	
2156-191		21 56 12.8	21 58 58.28	19.9				1.631	N V 1240	477 1400								
	O	-19 6 11.5	-18 51 48.9						C IV 1549									
									C III 1909									
2156-194	QSM7:46	21 56 15.8	21 59 1.54	20.56				-.34 0.725	Mg II 2798	2058 2058							2058Bmag,	
	C	-19 29 36	-19 15 13.3														2058ubv	
2156-191		21 56 25.8	21 59 11.31	19.55				(2.39)		477 477								
	O	-19 10 35.7	-18 56 12.6															
2156+297	4C 29.64	21 56 27.71	21 58 41.97	17.5 *				1.759	H I 1216	033 032 1201 128							1201pol,831sp,	
	R	29 44 47.0	29 59 9.4						N V 1240	2049							139fc,1513elp,	
	B2								C IV 1549	2281							2049noabs	
	CTD 133								He II 1640									
	DW								O III 1663									
	OX 294								C III 1909									
2156-194	QSM7:42	21 56 29.4	21 59 15.10	19.76				-.80 1.671	C IV 1549	2058 2058							2058Bmag,	
	C	-19 28 22	-19 13 58.8						C III 1909								2058ubv	
2156-186	QSM8:35	21 56 32.6	21 59 17.76	19.89				-.55 1.500	C IV 1549	2058 2058							2058Bmag,	
	C	-18 39 48	-18 25 24.7						C III 1909								2058ubv	
2156-215	MD5:30	21 56 44.06	21 59 31.16	19.3				2.96	H I 1216	1948 1948							1948phot mag	
	O	-21 34 53.0	-21 20 29.2															
2156-193	QSM7:61	21 56 46.8	21 59 32.38	20.69				-.11 1.959		2058 2058							2058Bmag,	
	C	-19 19 26	-19 5 2.1														2058ubv	
2156-210	MD5:31	21 56 47.15	21 59 33.91	19.3				2.90	H I 1216	1948 1948							1948phot mag	
	O	-21 4 47.9	-20 50 24.0															
2156-204	MD5:32	21 56 48.87	21 59 35.19	18.5				1.89	H I 1216	477 1948							1630imag	
	O	-20 26 23.7	-20 11 59.8						C IV 1549	1948								
2156-208		21 56 55.3	21 59 41.86	19.55				(0.21)		477 477								
	O	-20 48 59.5	-20 34 35.3															
2156-359	A09.60	21 56 56.2	21 59 54.39	17.0				1.8		2277 2277								
		-35 57 10	-35 42 45.5															

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		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				
	O	-17 37 24.2	-17 23 0.0							1948				
2156-194	MD5:34	21 56 59.63	21 59 45.26	19.2			1.88	H I 1216		1948 1948				1948phot mag
	O	-19 25 49.4	-19 11 25.1											
2156-172	MD5:35	21 56 59.88	21 59 44.11	18.9			2.58	H I 1216		1948 1948				1948phot mag
	O	-17 17 26.4	-17 3 2.1											
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				
	O	-18 45 32.3	-18 31 7.9							2058				
2157-194	QSM7:63	21 57 4.1	21 59 49.72	19.93			-.55	1.368		2058 2058				2058Bmag, 2058ubv
	C	-19 25 36	-19 11 11.5											
2157-302		21 57 5.9	21 59 59.28	18.4			1.9	H I 1216		1439 1439				
	O	-30 14 52	-30 0 27.3											
2157-192	QSM8:58	21 57 6.6	21 59 52.08	19.67			-.73	1.896	C IV 1549	2058 2058				2058Bmag, 2058ubv
	C	-19 12 43	-18 58 18.4											
2157-198	QSM7:13	21 57 8.6	21 59 54.49	18.81			-.52	1.884		2058 2058				2058Bmag, 2058ubv
	C	-19 50 22	-19 35 57.3											
2157-185	QSM8:26	21 57 14.4	21 59 59.46	18.89			-.31	0.849	Mg II 2798	2058 2058				2058Bmag, 2058ubv
	C	-18 35 28	-18 21 3.1											
2157-196	QSM7:33	21 57 16.6	22 0 2.37	18.86			-.61	1.206	C III 1909	2058 2058				2058Bmag, 2058ubv
	C	-19 40 10	-19 25 45.0											
2157-213		21 57 18.4	22 0 5.32	19.77			1.93			477 477				
	O	-21 23 29.9	-21 9 4.8											
2157-200	PKS	21 57 21.85	22 0 7.83	18.5 *			1.198	C III 1909 Mg II 2798		026 418 1948 477 1400 1948	477 477 1527			477fc
	R MD5:36	-20 0 14.0	-19 45 48.8											
2157-175	MD5:37	21 57 27.63	22 0 11.99	19.3			2.85	H I 1216		1948 1948				1948phot mag
	O	-17 32 41.3	-17 18 16.0											
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
	C	-18 55 49	-18 41 23.5											
2157-133	NGC 7171	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
	C BSO 1	-13 23 30.1	-13 9 4.6											
	R													
2157-207	MD5:38	21 57 37.60	22 0 24.06	19.4			1.91	H I 1216		1948 1948				1948phot mag
	O	-20 45 39.9	-20 31 14.2											
2157-352	A09.09	21 57 38.8	22 0 36.27	17.2			2.70			2277 2277				
		-35 16 45	-35 2 19.0											
2157-180		21 57 45.2	22 0 29.89	18.6			0.38			477 477				
	O	-18 5 22.6	-17 50 56.6											
2157-178		21 57 45.7	22 0 30.26	18.4			0.140			2274 2274				
	O	-17 53 15	-17 38 49.0											
2157-195	QSM7:04	21 57 46.5	22 0 32.16	20.22			-.52	1.142	C III 1909	2058 2058				2058Bmag, 2058ubv
	C	-19 34 51	-19 20 24.9											
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	
	O	-21 28 18	-21 13 51.1											
2158-189	QSM8:02	21 58 14.2	22 0 59.39	17.6			-.25	0.693	Mg II 2798	1400 1400 2058 2058				
	O	-18 55 49	-18 41 21.9											

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	ABS	
2159-188	QSM4:28 C	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	QSM5:45 C	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	QSM4:20 C	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	QSM4:35 C	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	QSM5:42 C	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	QSM5:43 C	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	QSM4:10 C	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	PKS R	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	QSM4:05 C	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	QSM5:15 C	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	QSM5:31 C	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	PKS R	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	QSM4:54 C	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	MD5:44 O	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	QSM5:30 C	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	QSM5:36 C	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,
																	1256,1580,
																	1782ir,1164,
																	1357,1971,
																	2098mf,1027,
																	1028,1789mm,
																	1045,1536ext,
																	856,1013,1056,
																	1643,1939phot,
																	899,1388,
																	2041rpol,668,
																	829,1088,2107,
																	2112x,749pos,
																	553,662,720sp,
																	323,662,
																	665subv,
																	1805mmvar
																	0.0688zgal,553
																	IRAS source,
																	1806;super-
																	luminal source
																	2096 1827,448,
																	1845;
2200-188	QSM4:57	22	0 44.5	22	3 29.41	19.86							2058	2058			2058Bmag,
C		-18	49 31	-18	34 58.5		-0.50	1.288	C III	1909							2058ubv
2200-187	QSM4:59	22	0 48.2	22	3 33.03	20.75							2058	2058			2058Bmag,
C		-18	42 14	-18	27 41.4		-0.30	0.210									2058ubv,
																	2058nem1
2200-198	QSM5:25	22	0 50.5	22	3 36.05	19.64							2058	2058			2058Bmag,
C		-19	49 40	-19	35 7.3		-0.49	1.168	C III	1909							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												LBQS
2200-197	QSM5:23	22	0 57.1	22	3 42.59	19.66							2058	2058			2058Bmag,
C		-19	45 12	-19	30 39.0		-0.47	1.982	C IV	1549							2058ubv
2200-195	QSM5:19	22	0 58.0	22	3 43.33	19.43							2058	2058			2058Bmag,
C		-19	30 36	-19	16 3.0		-0.10	2.028	C IV	1549							2058ubv

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	
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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
	DEC (1950)	DEC (2000)									ID	Z	VAR	R		ABS
2202-189 C	QSM3:06 C	22 2 9.3 -18 56 32	22 4 54.16 -18 41 56.5	19.63			-0.39	2.094	H I 1216 C IV 1549	2058 2058				2058Bmag, 2058ubv	
2202-202 O		22 2 9.7 -20 16 37.3	22 4 55.41 -20 2 1.7	19.8				(0.41)		477 477					
2202-193 C	QSM6:18 C	22 2 13.0 -19 19 55	22 4 58.11 -19 5 19.3	19.53			-0.25	0.184		2058 2058				2058Bmag, 2058ubv, 2058neml	
2202-187 C	QSM3:11 C	22 2 17.1 -18 46 2	22 5 1.84 -18 31 26.2	20.71			-0.82	1.473	C IV 1549 C III 1909	2058 2058				2058Bmag, 2058ubv	
2202-186 O	MD5:49 O	22 2 20.81 -18 36 35.7	22 5 5.45 -18 21 59.8	19.5				1.77	H I 1216 C IV 1549	1948 1948				1948phot mag	
2202-201 O		22 2 29.1 -20 7 43.8	22 5 14.69 -19 53 7.6	19.5				2.180+	N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909	477 1400 477				1400BAL	
2202-207 O	MD5:50 O	22 2 30.44 -20 45 24.1	22 5 16.43 -20 30 47.8	19.1				1.59	C IV 1549 C III 1909	1948 1948				1948phot mag	
2202-197 C	QSM6:38 C	22 2 34.1 -19 45 6	22 5 19.44 -19 30 29.6	20.58			-0.81	0.976	C III 1909	2058 2058				2058Bmag, 2058ubv	
2202-185 O	MD5:51 O	22 2 35.67 -18 32 0.8	22 5 20.24 -18 17 24.4	18.81			-0.71	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 -34 40 41	22 5 36.27 -34 26 4.1	18.7				2.87		2277 2277					
2202-174 O		22 2 44.2 -17 24 34	22 5 28.06 -17 9 57.3	17.9				0.141		2274 2274					
2202-177 O	MD5:53 O	22 2 48.90 -17 45 22.2	22 5 32.96 -17 30 45.3	19.05				2.194	H I 1216 C IV 1549	477 1400 1948 477 1948					
2202-189 O	F9.22 O	22 2 54.1 -18 59 36.3	22 5 38.93 -18 44 59.2	18.82	.29			0.850	C III 1909 Mg II 2798	978 978 2058 2058				978ubv	
2202-175 O	MD5:54 O	22 2 57.60 -17 35 17.0	22 5 41.55 -17 20 39.8	18.3				2.21	H I 1216 C IV 1549	1948 1948				1948phot mag	
2203-187 O	F13.18 O	22 3 1.7 -18 46 27.4	22 5 46.38 -18 31 50.0	18.27	.34			0.627	Mg II 2798	978 978 2058 2058				978ubv	
2203-217 O		22 3 4.8 -21 45 13	22 5 51.38 -21 30 35.5	18.4				2.273		2274 2274					
2203-196 C	QSM6:24 C	22 3 6.3 -19 41 57	22 5 51.56 -19 27 19.5	20.06			-0.34	0.446	Mg II 2798	2058 2058				2058Bmag, 2058ubv	
2203-179 O	MD5:55 O	22 3 10.89 -17 55 21.2	22 5 55.03 -17 40 43.5	18.4				2.49	H I 1216	1948 1948				1948phot mag	
2203-186 C	QSM3:16 C	22 3 15.6 -18 36 30	22 6 0.16 -18 21 52.1	20.30			-0.39	(1.179)	C III 1909	2058 2058				2058Bmag, 2058ubv	
2203-204 O		22 3 16.5 -20 28 6.6	22 6 2.23 -20 13 28.7	19.75				2.796	H I 1216 N V 1240 C IV 1549	477 1400 477					
2203-188 O	G11.09 O	22 3 17.9 -18 52 55.2	22 6 2.63 -18 38 17.3	19.74	.76			1.665	C IV 1549 C III 1909	978 978				978ubv	
2203-197 C	QSM6:28 C	22 3 19.2 -19 45 34	22 6 4.48 -19 30 56.0	20.35			-0.98	2.116	H I 1216 C IV 1549	2058 2058				2058Bmag, 2058ubv	
2203-205 O		22 3 19.4 -20 32 9.0	22 6 5.17 -20 17 31.0	19.9				(2.42)		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
2203-192	QSM3:20 C	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	MD5:56 O	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	PKS R 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	QSM6:22 C	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	QSM6:46 C	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	QSM6:10 C	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	QSM6:15 C	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	MD5:57 O	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	MD5:58 O 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 441,0.707mag, 1838,2118; Ly limit abs,1886 7 arcsec from anon gal,0.202 mag,1886;	
2203-215	PKS R	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	1E X	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	MD5:59 O	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	MD5:60 O	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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z							VAR	R	ABS		
2204-187	MD5:61 O	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	1E X	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	PKS R	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	PKS R	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, 1485subv Ly alpha abs, 1870	
2204-191	MD5:62 O	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,1203subv 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	911 911 1994 1994 1488x,597, 2125 2228 2263		886,1847ir, 786,1941uv, 912,1488x,597, 2125 1138sp, 1485subv Ly abs 2156	
2204-179	MD5:63 O	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	MD5:64 O	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	MD5:65 O	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	PKS R	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	MD5:66 O	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	MD5:67 O	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	PKS R	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	MD5:68 O	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	MD5:69 O	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	MD5:70 O	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	MD5:71 O	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		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				1203subv	
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	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	1216 2.0144 1.9204 1.0169 0.7520 1872 1878 1948 2058	467 1304 1878 467 477 1400 1872 1878 1948 2058	1394 1508 1551 1872 1873 2020 2057 2168 2228 2263		761,2020sp, 477fc,1485subv, 2174varnd Ly alpha abs, 1870; Ly alpha forest,2153; damped Ly alpha,z=1.9204 damped Ly 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	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	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				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				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)	DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
2207-170	MD5:82	22 7 8.92	22 9 52.21	18.5					1.45	C IV 1549	1948	1948			1948phot mag	
	O	-17 3 37.8	-16 48 51.9													
2207-201	QSM2:32	22 7 9.7	22 9 54.84	20.44			-0.65	1.515		C IV 1549 C III 1909	1878	1878 2058			1878Bmag	
	C	-20 6 14.9	-19 51 28.9													
2207-164	MD5:83	22 7 9.78	22 9 52.73	19.3					1.58	C IV 1549 C III 1909	1948	1948			1948phot mag	
	O	-16 28 47.1	-16 14 1.2													
2207-200	QSM2:36	22 7 11.0	22 9 56.11	20.20			-0.80	1.070		C III 1909	1878	1878 2058			1878Bmag	
	C	-20 4 9.2	-19 49 23.2													
2207-195	QSM1:36	22 7 11.4	22 9 56.17	19.36			-0.69	1.119		C III 1909 Mg II 2798	1878	1878 2058			1878Bmag	
	C	-19 30 45.4	-19 15 59.4													
2207+374	UT	22 7 11.8	22 9 21.50	18.5					1.50	C IV 1549 C III 1909	1437	1437				
	R	37 27 34	37 42 19.2													
2207-196	QSM1:31	22 7 15.0	22 9 59.84	20.51			-0.76	1.748		C IV 1549 C III 1909	1878	1878 2058			1878Bmag	
	C	-19 38 32.5	-19 23 46.4													
2207-200	QSM2:18	22 7 29.0	22 10 14.10	20.27			-0.59	2.454		H I 1216 Si IV 1397 C IV 1549	1878	1878 2058			1878Bmag	
	C	-20 5 17.7	-19 50 31.1													
2207-199	QSM2:31	22 7 36.2	22 10 21.20	20.11			-0.90	1.978		H I 1216 N V 1240 C IV 1549	477	1878 1878 2058			1878Bmag	
	O	-19 56 37.3	-19 41 50.4													
2207-198	QSM2:44	22 7 40.4	22 10 25.31	20.23			-1.27	0.452		Mg II 2798	1878	1878 2058			1878Bmag	
	C	-19 49 6.0	-19 34 19.0													
2207-196	QSM1:35	22 7 40.6	22 10 25.42	20.73			-0.49	1.123		C III 1909 C II 2326 Mg II 2798	1878	1878 2058			1878Bmag	
	C	-19 40 1	-19 25 14.0													
2207-196	QSM1:25	22 7 40.9	22 10 25.71	20.13			-0.33	(1.128)		C III 1909 Mg II 2798	1878	1878 2058			1878Bmag	
	C	-19 38 51.7	-19 24 4.7													
2207-183		22 7 42.8	22 10 26.79	20					(2.31)		477	477				
	O	-18 18 23.9	-18 3 36.8													
2207-207	MD5:84	22 7 44.19	22 10 29.66	18.1					2.38	H I 1216 C IV 1549	1948	1948			1948phot mag	
	O	-20 44 23.4	-20 29 36.2													
2207-177	MD5:85	22 7 47.97	22 10 31.62	19.95					2.05	H I 1216 He II 1640	477	1948 1948			z in 477 differs (0.97)	
	O	-17 44 57.4	-17 30 10.2													
2207-204	MD5:86	22 7 49.38	22 10 34.69	18.6					1.22	C IV 1549 C III 1909	477	1948 1948			z in 477 differs (0.50)	
	O	-20 29 7.1	-20 14 19.8													
2207-186		22 7 53.6	22 10 37.78	19.8					0.44		477	477				
	O	-18 38 56.9	-18 24 9.5													
2207-201	QSM2:22	22 7 58.26	22 10 43.34	19.13			-1.30	2.062		H I 1216 N V 1240 Si IV 1397 C IV 1549	467	1878 1878 1948 2058 1400 1948 2058			1878Bmag, 477fc,761, 1304sp	
	O MD5:87	-20 8 34.3	-19 53 46.7													
2208-194	QSM1:26	22 8 3.52	22 10 48.18	18.51			-0.33	1.520		C IV 1549 C III 1909	477	1878 1878 1948 2058			1878Bmag z in 1948 differs (2.21)	
	O MD5:88	-19 27 34.0	-19 12 46.2													
2208-198	QSM2:34	22 8 4.8	22 10 49.71	20.03			-0.32	1.708		C IV 1549	1878	1878 2058			1878Bmag	
	C	-19 52 37.2	-19 37 49.4													
2208-195	QSM1:21	22 8 8.2	22 10 52.93	20.62			-0.57	(0.488)		Mg II 2798	1878	1878 2058			1878Bmag	
	C	-19 35 9.2	-19 20 21.3													
2208-194	QSM1:19	22 8 14.0	22 10 58.64	19.83			-0.31	1.930+		N V 1240 Si IV 1397 C IV 1549	477	1878 1878 2058			1878Bmag, 2058BAL	
	O	-19 26 46.4	-19 11 58.3													
2208-181	MD5:89	22 8 15.59	22 10 59.45	19.5					2.68	LYB 1026 H I 1216	1948	1948			1948phot mag	
	O	-18 9 13.0	-17 54 24.8													

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
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 1948	467 477 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	754 775 789 1111 1804 1888	128		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				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				NOTES
												Z	VAR	R	ABS	
2210-174	MD5:98	22 10 3.59	22 12 46.87	20				2.20	H I 1216 Si IV 1397 O IV 1402 C IV 1549		477 477 1948 1948					
	O	-17 25 54.9	-17 11 3.1													
2210-359	A09.20	22 10 4.0	22 12 59.76	18.3				1.96			2277 2277					
		-35 56 5	-35 41 12.9													
2210-201	MD5:99	22 10 13.21	22 12 58.11	19.4				1.87	H I 1216 C IV 1549		1948 1948					1948phot mag
	O	-20 11 31.7	-19 56 39.6													
2210-257	PKS	22 10 14.1	22 13 2.47	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
	R	-25 44 22	-25 29 29.8													
2210-200		22 10 24.5	22 13 9.32	20				2.10			477 477					
	O	-20 5 34.0	-19 50 41.5													
2210-178		22 10 26.2	22 13 9.70	17.9				1.557			2274 2274					
	O	-17 51 55	-17 37 2.5													
2210-167	MD5:100	22 10 48.36	22 13 31.17	18.5				1.62	Si IV 1397 O IV 1402 C IV 1549		477 1948 1948					
	O	-16 43 34.0	-16 28 40.7													
2210-342	A09.50	22 10 50.6	22 13 44.89	17.9				2.4			2277 2277					
		-34 15 35	-34 0 41.4													
2210-190	MD5:101	22 10 56.54	22 13 40.68	18.7				2.32	H I 1216 C IV 1549		1948 1948					1948phot mag
	O	-19 1 46.2	-18 46 52.6													
2211-182	MD5:102	22 11 5.25	22 13 48.91	17.5				1.18	C III 1909		1948 1948					1948phot mag
	O	-18 13 24.9	-17 58 31.1													
2211-174	MD5:103	22 11 23.03	22 14 6.22	18.9				2.16	H I 1216		1948 1948					1948phot mag
	O	-17 27 11.7	-17 12 17.3													
2211-196		22 11 23.8	22 14 8.27	20				1.68			477 477					
	O	-19 39 23.8	-19 24 29.3													
2211-166	MD5:104	22 11 30.35	22 14 13.05	19.5				2.93	H I 1216		1948 1948					1948phot mag
	O	-16 36 55.7	-16 22 1.1													
2211+006	PC	22 11 36.2	22 14 9.59	19.23				0.910	Mg II 2798		1517 1517					
	O	0 37 33	0 52 27.6													
2211-177	MD5:105	22 11 46.22	22 14 29.55	18.2				1.34	C IV 1549		1948 1948					1948phot mag
	O	-17 45 2.1	-17 30 6.9													
2211-201	MD5:106	22 11 52.45	22 14 37.19	18.7				1.61	C IV 1549 C III 1909		1948 1948					1948phot mag
	O	-20 11 2.7	-19 56 7.3													
2211-192	MD5:107	22 11 53.71	22 14 37.90	18.2				1.953	Si IV 1397 C IV 1549 C III 1909		467 467 1948 477 1304 1400 1948		477			761sp
	O	-19 15 50.1	-19 0 54.7													
2211+013	PC	22 11 54.7	22 14 27.72	19.1				3.100			1698 1698					1698rmag
	O	1 19 58	1 34 53.2													
2211-163	MD5:108	22 11 57.93	22 14 40.42	19.3				1.91	H I 1216		1948 1948					1948phot mag
	O	-16 19 10.4	-16 4 14.9													
2212-199		22 12 0.1	22 14 44.71	19.75				(0.33)			477 477					
	O	-19 58 55.3	-19 43 59.6													
2212-190	MD5:109	22 12 0.23	22 14 44.30	19.2				1.96	H I 1216		1948 1948					1948phot mag
	O	-19 3 33.1	-18 48 37.5													
2212-199	MD5:110	22 12 6.61	22 14 51.20	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
	O	-19 57 54.2	-19 42 58.3													

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				
2212-165	MD5:111	22 12 13.21	22 14 55.83	17.8					1.35	C IV 1549	1948	1948				1948phot mag	
	O	-16 34 22.2	-16 19 26.2														
2212-202	MD5:112	22 12 25.13	22 15 9.85	18.8					1.18	C IV 1549	1948	1948				1948phot mag	
	O	-20 13 56.8	-19 59 0.3														
2212-299	PKS	22 12 25.14	22 15 16.06	17.44	.14	-.24	2.706*	O VI 1034	1.9964	296	493	1518	1747	761,1138,			
	R	-29 59 20.1	-29 44 23.5					H I 1216	1.9392	2049				2049 1304sp,886,			
								N V 1240	0.6329	2281				2228 1305ir,			
								Si II 1263						2263 1485bv,			
								O I 1304						1526vlbi			
								Si IV 1397									
								O IV 1402									
								C IV 1549									
								He II 1640									
								C III 1909									
2212-177	MD5:113	22 12 31.97	22 15 15.25	18.3					1.16	C IV 1549	1948	1948				1948phot mag	
	O	-17 47 15.9	-17 32 19.2							C III 1909							
2212-334	A10.11	22 12 40.9	22 15 34.28	18.7					2.28		2277	2277					
		-33 28 24	-33 13 26.8														
2212-179	MD5:114	22 12 48.30	22 15 31.67	18.3			2.28 +	H I 1216		477	477					1208BAL	
	O	-17 59 3.1	-17 44 5.9					Si IV 1397		1948	1948						
								O IV 1402									
								C IV 1549									
2213-202		22 13 3.5	22 15 48.14	19.2					1.046	C III 1909	467	467				761,1304sp,	
	O	-20 12 44.6	-19 57 46.9							Mg II 2798		477				477fc	
												1400					
2213-206	MD5:115	22 13 17.19	22 16 2.07	19.3					2.15	H I 1216	1948	1948				1948phot mag	
	O	-20 39 39.8	-20 24 41.6														
2213-180	MD5:116	22 13 21.77	22 16 5.15	18.8					1.75	C IV 1549	1948	1948				1948phot mag	
	O	-18 4 38.5	-17 49 40.2							C III 1909							
2213-208	MD5:117	22 13 29.32	22 16 14.31	18.7					2.11	H I 1216	1948	1948				1948phot mag	
	O	-20 52 34.0	-20 37 35.4							C IV 1549							
2213-211		22 13 29.7	22 16 14.84	19.9					0.37		477	477					
	O	-21 8 3	-20 53 4.4														
2213-373	A10.20	22 13 34.7	22 16 30.94	17.9					1.92		2277	2277					
		-37 22 24	-37 7 25.0														
2213-190	MD5:118	22 13 39.60	22 16 23.51	18.7					1.33	C IV 1549	1948	1948				1948phot mag	
	O	-19 3 11.5	-18 48 12.6														
2213-209	MD5:119	22 13 52.21	22 16 37.20	18.5					1.63	C IV 1549	1948	1948				1948phot mag	
	O	-20 56 38.1	-20 41 38.8							C III 1909							
2213-165	MD5:120	22 13 53.69	22 16 36.14	19.1					2.12	H I 1216	1948	1948				1948phot mag	
	O	-16 30 35.2	-16 15 35.9														
2214-208		22 14 6.5	22 16 51.39	18.85					1.684	H I 1216	467	467				761,1304sp,	
	O	-20 48 1	-20 33 1.2							C IV 1549		477				477fc	
										C III 1909		1400					
2214+350	GC	22 14 7.03	22 16 20.03	18.5					0.51	Mg II 2798	132	009	1521			1201pol,	
	R	35 3 16.3	35 18 15.3							H I 4340		1437				1194imag,	
	UT															1526vlbi	
2214-190	MD5:121	22 14 7.82	22 16 51.69	18.2					1.48	C IV 1549	1948	1948				1948phot mag	
	O	-19 3 9.7	-18 48 9.9														
2214-169	MD5:122	22 14 35.54	22 17 18.17	18.7					1.52	C IV 1549	1948	1948				1948phot mag	
	O	-16 55 37.2	-16 40 36.6														
2214-212		22 14 43.9	22 17 28.98	19.95					(0.34)		477	477					
	O	-21 14 29	-20 59 28.0														
2214-206	MD5:123	22 14 44.15	22 17 28.91	19.4					1.90	H I 1216	1948	1948				1948phot mag	
	O	-20 41 12.6	-20 26 11.6							C IV 1549							
2214-179	MD5:124	22 14 48.40	22 17 31.61	19.2					2.53	H I 1216	1948	1948				1948phot mag	
	O	-17 59 5.9	-17 44 4.8														

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	ABS	
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	-0.70	0.241				1265 1265 1770 2174					1265subv, 1209ext,1207, 1261,1630imag, 1910sp faint gal near 1344;27 arcsec from anon gal, 0.095sgal,2118
2216-038 R X X 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		079 002 492 789 1873 018 529 803 054 837 1877 2085					059,249, 1485subv,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		478 478 1948 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 1400 1948 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)		RA (2000)		V	(B-V) (U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
	DEC (1950)	DEC (2000)	DEC (1950)	DEC (2000)						ID	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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC (1950)	DEC (2000)								Z	VAR	R	ABS	
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,
															19160VV,
															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							1617ir,
X	GC							O IV 1402							1526vlbi,
								C IV 1549							1201pol,1005x,
								He II 1640							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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS				
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				1485subv			
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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R	ABS	
2226-414		22 26 21.8	22 29 18.57	20.5			2.06	H I 1216		430	430				
O		-41 27 1	-41 11 38.7								479				
											1400				
2226-411	PKS	22 26 22.12	22 29 18.62	18.1			0.446	Mg II 2798		1861	1861		1861		
R		-41 6 55.3	-40 51 33.0					Ne V 3426							
								O II 3727							
								He 3970							
								H I 4102							
								H I 4861							
								O III 4959							
								O III 5007							
								H I 6563							
2226-393		22 26 33	22 29 28.08	21.2			1.92	H I 1216		430	1022				
O		-39 20 37	-39 5 14.4					C III 1909			430				
											479				
											1400				
2226-401		22 26 43.6	22 29 39.27	19.5			2.03	H I 1216		430	430				
O		-40 9 31	-39 54 8.1					C IV 1549			479				
											1022				
											1400				
2226-379	MD3:40	22 26 51.86	22 29 45.84	20.0			1.26	C IV 1549		1948	1948				1948phot mag
O		-37 57 11.0	-37 41 47.9												
2226-400	MD3:41	22 26 52.43	22 29 47.98	19.7			1.89	H I 1216		1948	1948				1948phot mag
O		-40 2 42.1	-39 47 18.9					O IV 1402							
2227-088	PKS	22 27 2.38	22 29 40.13	17.5			1.561	C IV 1549		086	1304		1518		1305ir,761sp,
R	PHL 5225	-8 48 17.4	-8 32 54.3					He II 1640		1871			1976		1526vlbi,
								C III 1909							1789mm,
															1810pos,
															2103pol
2227-406		22 27 17.0	22 30 12.92	21.3			0.33	Mg II 2798		430	1022				
O		-40 39 2	-40 23 38.1					O II 3727							
								He II 4686							
								O III 5007							
2227-378	MD3:42	22 27 19.11	22 30 12.91	19.5			1.883	H I 1216		1400	1400				z in 1948
O		-37 49 23.0	-37 33 59.1					C IV 1549		1948					differs (2.05)
								C III 1909							
2227-385	MD3:43	22 27 21.36	22 30 15.65	19.2			1.54	C IV 1549		1948	1948				1948phot mag
O		-38 30 56.5	-38 15 32.5					C III 1909							
2227-395		22 27 31.1	22 30 26.14	19.5			1.40	H I 1216		430	1022				
O		-39 34 6	-39 18 41.8					Mg II 2798			430				
								O II 3727			479				
								He II 4686			1400				
								O III 5007							
2227-136	UT	22 27 35.3	22 30 15.32	18.5			1.42	C IV 1549		1437	1437				
R		-13 41 7	-13 25 43.0					C III 1909							
								Mg II 2798							
2227-396	MD3:44	22 27 37.35	22 30 32.41	18.9			1.76	H I 1216		430	430		479		z in 1948
O		-39 37 44.3	-39 22 19.9					C IV 1549		1948	479				differs (1.47)
											1022				
											1400				
2227-394		22 27 38	22 30 32.95	18.8			3.45	* O VI 1034	3.373	430	449		449		597,911sp
O		-39 28 32	-39 13 7.6					H I 1216			430		911		
								N V 1240			479		2228		
								O I 1304			1022		2263		
								Si IV 1397			1400				
								C IV 1549							
2227-399	PKS	22 27 44.94	22 30 40.23	18.5	*		0.323	Mg II 2798		025	058	025	846		886ir,865pos,
R	MD3:45	-39 58 16.7	-39 42 52.1					Ne V 3426		1948	430		904		940ext,478fc,
								O II 3727			478				1526vlbi
								NeIII 3869			479				z in 1948
								NeIII 3968			1022				differs (1.38)
											1400				
2227-445	PKS	22 27 57.49	22 30 56.46	18.1			1.326	C IV 1549		421	1861		1861		
R		-44 31 55.6	-44 16 30.5					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	ABS				
2227-412	MD3:46	22 27 59.74	22 30 55.97	20.1			1.75	C III	1909	1948	1948					1948phot mag	
	O	-41 14 54.5	-40 59 29.4														
2228-391	MD3:47	22 28 0.44	22 30 55.06	19.6			1.46	C IV	1549	1948	1948					1948phot mag	
	O	-39 9 12.6	-38 53 47.5														
2228-405		22 28 10.9	22 31 6.55	19.6			3.15	+ H I	1216	430	449			479		597,911sp	
	O	-40 33 32	-40 18 6.6					Si IV	1397		430			442			
								O IV	1402		479			1022			
								C IV	1549		1400						
2228-387	MD3:48	22 28 11.37	22 31 5.62	18.4			1.65	C IV	1549	1948	1948					1948phot mag	
	O	-38 42 10.7	-38 26 45.3					C III	1909								
2228-403	MD3:49	22 28 24.98	22 31 20.38	18.0			1.118+	C IV	1549	1400	1400			1400		z in 1948	
	O	-40 18 13.7	-40 2 47.9					C III	1909	1948						differs (1.61)	
								Mg II	2798								
2228-396		22 28 29.9	22 31 24.79	19.0			1.816+	C IV	1549	1400	1400					1400BAL	
	O	-39 39 19	-39 23 53.1					C III	1909								
2228-396		22 28 35.3	22 31 30.13	19.8			2.08	H I	1216	430	430						
	O	-39 36 19	-39 20 53.0					C IV	1549		479			1022			
											1400						
2228-399		22 28 40.1	22 31 35.18	20.5			2.30	H I	1216	430	430						
	O	-39 57 49	-39 42 22.8					C IV	1549		479			1022			
2228-399	MD3:50	22 28 40.22	22 31 35.26	18.3			2.200+	H I	1216	430	430			479		478fc	
	O	-39 54 20.3	-39 38 54.1					C IV	1549	1948	478			1400			
											479			1022			
											1400			1400			
											1948						
2228-393		22 28 44	22 31 38.60	20.4			1.51	H I	1216	430	1022						
	O	-39 20 6	-39 4 39.7					C IV	1549		430			479			
											1400						
2228-413	MD3:51	22 28 45.51	22 31 41.63	19.6			2.47	H I	1216	1948	1948					1948phot mag	
	O	-41 20 10.0	-41 4 43.6					O IV	1402								
2228-397	MD3:52	22 28 59.98	22 31 54.79	19.4			2.06	H I	1216	430	430						
	O	-39 42 12	-39 26 45.3					C IV	1549	1948	479			1022			
								He II	1640		1400			1948			
2229-400		22 29 0.7	22 31 55.79	19.5			1.546+	Si IV	1397	1400	1400			1400			
	O	-40 4 53	-39 49 26.2					O IV	1402								
								C IV	1549								
								C III	1909								
2229-424		22 29 16.8	22 32 13.66	19.0			(2.24)			1400	1400						
	O	-42 25 24	-42 9 56.8														
2229-420	MD3:53	22 29 17.84	22 32 14.43	19.7			2.40	H I	1216	1948	1948					1948phot mag	
	O	-42 5 57.7	-41 50 30.4					C IV	1549								
2229-402	MD3:54	22 29 24.59	22 32 19.69	20.2			1.98	H I	1216	1948	1948					1948phot mag	
	O	-40 12 14.5	-39 56 47.1														
2229+009		22 29 50.72	22 32 24.04	18.1			0.18			2043	2043					2043B(J)mag	
	O	0 54 28.8	1 9 56.5														
2229-378	MD3:55	22 29 53.80	22 32 47.10	19.7			2.33	H I	1216	1948	1948					1948phot mag	
	O	-37 52 38.0	-37 37 9.8					C IV	1549								
2229-421	MD3:56	22 29 54.14	22 32 50.66	20.0			1.20	C IV	1549	1948	1948					1948phot mag	
	O	-42 11 48.3	-41 56 20.0					C III	1909								
2229-374	MD3:57	22 29 54.57	22 32 47.54	19.4			1.53	C IV	1549	1948	1948					1948phot mag	
	O	-37 24 45.0	-37 9 16.8														

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		22 30 2.68	22 32 35.29	18.0			2.147+				2043	2043					2043B(J)mag
O		2 32 27.0	2 47 55.0									LBQS					Ly alpha abs
2230+114	CTA 102	22 30 7.84	22 32 36.45	17.66*	.42	-.79	1.037		C III 1909		136	012	249	128	1873		136ubv,703,
R	4C 11.69	11 28 22.8	11 43 50.8						Mg II 2798				290	789			900,1626,1988,
X	PKS												529	801			2062,2103pol,
	OY 150												760	834			1320rpol,879,
	MC 2												875	882			936,1119,1173,
	DA 582												1068	934			1225,1336rvar,
													1902	1148			912,1241,
														1152			1980x,324,335,
														1367			836,1032sp,
														1452			749pos,050,
														1557			182fc,
														1792			836FeIIem,
														1807			1526vlbi,
														1976			1789mm
														2000			IRAS source,
																	1806;
																	superluminal
																	source; 5.53
																	arcmin from
																	NGC 7305,2118
2230-426	MD3:58	22 30 14.74	22 33 11.51	20.1			1.88		H I 1216		1948	1948					1948phot mag
O		-42 36 19.8	-42 20 51.0														
2230-019		22 30 27.14	22 33 1.72	17.9			1.286				2043	2043					2043B(J)mag
O		-1 57 31.3	-1 42 2.6														
2230-372	MD3:59	22 30 40.93	22 33 33.64	19.0			1.63		C IV 1549		1948	1948					1948phot mag
O		-37 15 41.5	-37 0 12.0						C III 1909								
2230-008		22 30 43.36	22 33 17.47	18.5			1.274				2043	2043					2043B(J)mag
O		-0 53 27.8	-0 37 58.7									LBQS					
2231-361	A11.31	22 31 2.9	22 33 54.78	17.9			1.91				2277	2277					
		-36 8 7	-35 52 36.9														
2231-008		22 31 25.85	22 33 59.93	17.6			1.209				2043	2043					2043B(J)mag
O		-0 48 46.0	-0 33 15.7									LBQS					
2231-415	MD3:60	22 31 29.15	22 34 24.80	20.1			2.10		H I 1216		1948	1948					1948phot mag
O		-41 34 16.7	-41 18 45.9														
2231-002		22 31 35.13	22 34 8.97	17.5			3.015				2043	2043					2043B(J)mag
O		-0 15 29.2	0 0 1.3									LBQS					
2231-419	MD3:61	22 31 36.38	22 34 32.27	19.9			2.46		H I 1216		1948	1948					1948phot mag
O		-41 55 0.2	-41 39 29.2														
2231-372	MD3:62	22 31 40.56	22 34 33.07	18.2			0.85		C III 1909		1948	1948					1948phot mag
O		-37 15 50.7	-37 0 19.6						Mg II 2798								
2231+014		22 31 42.07	22 34 15.18	18.2			1.908				2043	2043					2043B(J)mag
O		1 25 40.9	1 41 11.6									LBQS					
2231-022		22 31 52.59	22 34 27.27	18.1			1.905				2043	2043					2043B(J)mag
O		-2 12 9.5	-1 56 38.5									LBQS					
2232-399		22 32 0.9	22 34 55.23	20.0			1.407		C IV 1549		1400	1400					
O		-39 58 16	-39 42 44.3						C III 1909								
2232+132		22 32 5.7	22 34 33.60	20.0			0.760*		C III 1909		1438	1438			1438		1723BAL
O		13 16 31	13 32 2.2						Mg II 2798			1692					
												1723					
2232-488	PKS	22 32 11.47	22 35 13.25	17.2			0.510		Mg II 2798		1898	1251		1251			1526vlbi,
R		-48 51 31.4	-48 35 59.3						H I 4861								1898pos
2232-211	PKS	22 32 15.3	22 34 58.55	18.3			1.443		Si IV 1397		494	1304		1518			761sp
R		-21 10 53	-20 55 21.2						O IV 1402								
									C IV 1549								
									C III 1909								
2232+131		22 32 28.4	22 34 56.39	20.2			(2.1)		H I 1216		1438	1438					
O		13 8 18	13 23 49.8						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)	DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS		
2232-390	MD3:63	22 32 29.69	22 35 23.27	19.7			2.24		H I 1216	1948	1948					1948phot mag	
	O	-39 3 51.4	-38 48 19.0						C IV 1549								
2232-390		22 32 30	22 35 23.58	18.7			1.58		C IV 1549	478	478						
	O	-39 4 18	-38 48 45.6						C III 1909		1400						
2232+131		22 32 39.3	22 35 7.28	21.2			(2.2)		H I 1216	1438	1438						
	O	13 10 57	13 26 29.1						C IV 1549								
2232+134		22 32 50.5	22 35 18.39	19.2			1.021		C III 1909	1438	1438						
	O	13 24 35	13 40 7.4						Mg II 2798		1692						
2232+131		22 32 58.0	22 35 26.01	17.6			1.597		C IV 1549	1438	1438						
	O	13 9 11	13 24 43.6						C III 1909		1692						
2233+399	UT	22 33 4.2	22 35 17.45	18.5			2.09		H I 1216	1437	1437						
	R	39 54 35	40 10 7.4						Si IV 1397								
									O IV 1402								
									C IV 1549								
									C III 1909								
2233-418	MD3:64	22 33 12.27	22 36 7.75	20.1			2.43		H I 1216	1948	1948					1948phot mag	
	O	-41 52 48.0	-41 37 14.4						C IV 1549								
2233-385	MD3:65	22 33 21.76	22 36 14.80	19.8			2.25		H I 1216	1948	1948					1948phot mag	
	O	-38 33 56.2	-38 18 22.4						C IV 1549								
2233+134	PG	22 33 39.8	22 36 7.72	16.04			0.325*		Mg II 2798	1117	1723		2011			1487,1980,	
	C	13 28 21	13 43 54.7						H I 4340		1117					2112x,1598sp,	
	X								H I 4861		1438					1630,1700imag,	
	R										1692					1729,2005ir,	
																1723BAL	
																faint gals	
																near,2118	
2233-377		22 33 41.8	22 36 34.23	18.3			2.14		H I 1216	478	478					846rnd	
	O	-37 46 25	-37 30 50.7						N V 1240		1400						
									C IV 1549								
2233-399	MD3:66	22 33 48.44	22 36 42.36	19.6			2.37		H I 1216	1948	1948					1948phot mag	
	O	-39 57 44.8	-39 42 10.3														
2233+131		22 33 51.1	22 36 19.16	18.8			3.298*		H I 1216	1438	1874			1874		Ly limit abs,	
	O	13 10 46	13 26 20.0						Si IV 1397		1438			2228		z=3.165,1874;	
									O IV 1402		1692			2263		damped Ly	
									C IV 1549		2281					alpha, 2243	
2233-376	MD3:67	22 33 54.11	22 36 46.42	19.8			1.88		H I 1216	1948	1948					1948phot mag	
	O	-37 39 36.5	-37 24 1.9														
2233+136		22 33 59.4	22 36 27.24	20.0			3.209*		H I 1216	1438	1874			1874		Ly limit abs,	
	O	13 41 39	13 57 13.2						Si IV 1397		1438			2228		z=3.035,1874,	
									O IV 1402		1692			2263		2125	
									C IV 1549		1.0958						
2234+282	B2	22 34 1.7	22 36 22.45	19			0.795		C III 1909	434	443			1152		1201pol,831sp,	
	R	28 13 21	28 28 55.1						Mg II 2798					1544		1201x,	
	X													1888		1526vlbi,	
																1805mmvar,	
																1789mm	
																IRAS source,	
																1806	
2234+132		22 34 4.0	22 36 32.03	20.0			(0.405)			1438	1438						
	O	13 16 27	13 32 1.3								1692						
2234-386	MD3:68	22 34 4.38	22 36 57.33	20.1			2.01		H I 1216	1948	1948					1948phot mag	
	O	-38 38 59.1	-38 23 24.2														
2234-395	MD3:69	22 34 19.08	22 37 12.60	20.0			1.82		H I 1216	1948	1948					1948phot mag	
	O	-39 33 25.6	-39 17 50.3						O IV 1402								
2234+136		22 34 20.3	22 36 48.17	20.0			(0.295)			1438	1438						
	O	13 40 4	13 55 38.8								1692						
2234+135		22 34 52.7	22 37 20.67	19.2			0.384		Mg II 2798	1438	1438						
	O	13 32 8	13 47 43.6								1692						

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

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)	DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
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	471 1479 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)	DEC (1950)	DEC (2000)							ID	Z	VAR	R		ABS
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				2043B(J)mag	
										LBQS					
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	471 1479 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				2043B(J)mag	
										LBQS					
2241+002 O	22 41 21.2 0 14 19	22 43 54.84 0 30 4.5	17.6				2.131			2216 2216 2274 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				2043BAL?, 2043B(J)mag	
										LBQS					
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 1400 1948 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, 1485subv, 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				2043B(J)mag	
										LBQS					

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

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		ABS
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	O	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 Ne III 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	O	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	O	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 2281	249 128 1749 290 462 2049 529 787 2263 760 789 882 916 1393 1585 1818 1891 1976 2000 2013		003subv,831sp, 050,301,529fc	
2249-019	O	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	O	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	O	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	O	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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC (1950)	DEC (2000)								Z	VAR	R	ABS	
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		055,148subv,
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		009		462	327	1181sp,
	CTD 136							Si IV 1397	2.1554		748		774	2049	1201pol,
	VR24.22.05							O IV 1402	1.7495		2049		800	2228	1617ir,
	DA 587							C IV 1549	1.0901		2281		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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
		DEC (1950)	DEC (2000)	ID	Z						VAR	R	ABS				
2254-393		22 54 5.5	22 56 54.44	18.6					2.28	H I 1216 N V 1240 C IV 1549	478	478				846rnd	
	O	-39 22 56	-39 6 53.2														
2254+024	PKS	22 54 44.62	22 57 17.57	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		023		1513elp,912, 1980x,1032, 1181sp, 1526vlbi 1902avg ph mag	
	R OY 091.3	2 27 13.8	2 43 17.1										569	128			
	X GC												748	789			
	PB 5195												2251	1170			
2254+074	OY 091	22 54 46.01	22 57 17.34	17.03*	.66	-.44					165		875	1200		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	
	BL Lac R	7 27 9.3	7 43 12.5										970	1367			
	X												1068				
													1902				
													2054				
													2073				
2255-282	PKS	22 55 22.48	22 58 5.98	16.77	.58	-.89	0.926+	C III 1909 Mg II 2798			188	024		1162	058	1526vlbi, 2103pol,761, 1304sp,1305ir, 1485ubv, 1789mm, 1810pos	
	R	-28 14 26.0	-27 58 21.7										058				
2256+017	PKS	22 56 24.59	22 58 57.77	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		789	986	582,986sp, 1092ir, 1526vlbi	
	R	1 47 36.7	2 3 42.0										044				
2257-344	A12.03	22 57 16.0	23 0 1.86	19.2			2.20				2277	2277					
		-34 29 10	-34 13 3.5														
2257+157	NGC 7448	22 57 36	23 0 4.78	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	
	C UB 1	15 42 48	15 58 54.5														
2257-270	PKS	22 57 42.8	23 0 25.47	20.3			1.481	C IV 1549 C III 1909			296	1304		1518		761sp	
	R	-27 0 30	-26 44 23.0														
2258-391	MC	22 58 42.7	23 1 30.48	18			2.05	H I 1216 N V 1240 C IV 1549			478	478				846rnd	
	O	-39 10 12	-38 54 3.8														
2259-374		22 59 12.1	23 1 58.94	19.0			1.09	C III 1909 Mg II 2798			980	980					
	O	-37 28 0	-37 11 51.2														
2259-349		22 59 42.3	23 2 27.88	19.8			2.77	H I 1216 C IV 1549			980	980					
	O	-34 55 5	-34 38 55.7														
2300-683	PKS	23 0 28.5	23 3 44.18	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	
	R	-68 23 56	-68 7 45.5														

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 PC O	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 PKS R	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 PG C PB 5235 R	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 PKS R	23 2 20.03 -71 19 23.3	23 5 41.26 -71 3 10.7	17.5	-.10	-.80	0.384	Mg II 2798 H I 4861 O III 4959 O III 5007		103 094		103			235subv,411fc		
2302-279 PKS R	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 PKS R	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 PKS R 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 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 4C 18.68 R 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 2798 H I 4861 O III 4959 O III 5007		009 009 1902 789 2292 2174 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			V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES				NOTES
		DEC (1950)	DEC (2000)										Z	VAR	R		ABS
2307-422		23 7 11.6	23 9 58.81	19.4			2.23	H I 1216 N V 1240 C IV 1549		478	478					
O		-42 13 48	-41 57 30.8													
2308+341	GC	23 8 41.0	23 11 4.90	19.5			1.817	H I 1216 C IV 1549		009	009		1297	831sp		
R	B2	34 8 42	34 25 0.0									443				
2308+098	4C 09.72	23 8 47.2	23 11 18.43	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 2174 789 775 1145 560 1586 2263 2011			705,1202pol, 958, 1420FeIIem, 958,1117,1420, 1467sp,1194, 1700imag,1355, 1693,2061uv, 759varnd, 203fc,1451ubv, 2112x 0.15 arcmin from anon gal, 0.1726xgal, 1650,2118; faint gals near,2118		
R	OZ 014 MSH 23+03 PG	9 51 56	10 8 14.3													
2310-451	C14.27	23 10 6.9	23 12 54.71	18.2			1.92			2277	2277					
		-45 8 47	-44 52 27.1													
2310-322	PKS	23 10 27.5	23 13 10.03	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		
R		-32 14 7	-31 57 46.8													
2310+385	UT	23 10 36.3	23 12 58.92	17.5			2.17	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1437	1437		2162			
R		38 31 23	38 47 42.8													
2311+452	PKS	23 11 21.80	23 13 41.68	19			2.883	O VI 1034 H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1986	1984					
R		45 12 10.0	45 28 30.4													
2311-036	UM 659	23 11 31.4	23 14 6.03	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 1025 2281	1874 2263					
O		-3 41 56	-3 25 35.1													
2311-424		23 11 37.9	23 14 24.05	19.1			2.17	H I 1216 C IV 1549		430	430 479 1022					
O		-42 24 57	-42 8 35.7													
2311-379		23 11 49.1	23 14 33.40	18.7			1.56	C III 1909		478	478			846rnd		
O		-37 58 19	-37 41 57.6													
2312-421		23 12 2.0	23 14 47.95	19.7			2.28	H I 1216 C IV 1549		430	1022					
O		-42 11 53	-41 55 31.4													
2312-419		23 12 2.5	23 14 48.34	19			1.86	H I 1216 C IV 1549		430	430 479 1022					
O		-41 57 1	-41 40 39.3													
2312-319	PKS	23 12 6.33	23 14 48.46	18.5			0.284	Mg II 2798		025	1004			1004fc, 1526vlbi		
R		-31 55 0.9	-31 38 39.3													
2313-339	A13.02	23 13 13.6	23 15 56.18	18.3			2.9			2277	2277					
		-33 55 59	-33 39 36.4													
2313-423		23 13 21.8	23 16 7.47	19.5			3.36	H I 1216 C IV 1549		980	980					
O		-42 21 19	-42 4 56.2													

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		ABS
2313-439	PKS R	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	PKS R	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	UT R	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	PKS C R	PHL 441 -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	PKS R	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	NGC 7585 C	UB 1 -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	OZ 031 R PKS PB 5337 GC	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 1297 443	1207,1261imag, 865,1810pos, 010fc, 1526vlbi, 1789mm	
2318+026	PKS R	4C 02.58 2 40 34.4	23 20 47.60 2 57 0.9	18.81			1.968	H I 1216 C IV 1549		050 436		351 789 1476 1877		

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

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		
2327-411	O	23 27 3.2	23 29 44.96	18.3	.10	0.478					1799	1799				128 kpc from Grus Cl,1799
		-41 8 23	-40 51 50.2													
2327+335	GC	23 27 45.57	23 30 13.34	18.5		1.809	H I	1216			216	476		216		1526vlbi
	R	33 32 4.7	33 48 37.4				C IV	1549				1437				
	UT						C III	1909								
2328+107	MC 2	23 28 9.1	23 30 41.17	18.1		1.489	C IV	1549			464	443		1152		1201pol,
	R	10 43 48	11 0 21.1				C III	1909				019		2085		1320rpol,
	4C 10.73						Mg II	2798				748				050fc,1032,
	PKS															1181sp,
	OZ 146.9															1526vlbi
	GC															
2328+167	MC 3	23 28 10.11	23 30 41.19	18.3		0.284	Mg II	2798			476	019		1111		1630,1884imag
	R	16 46 4.4	17 2 37.5				NeIII	3869				476		1171		faint gals
							H I	4340								near,2118
							H I	4861								
							O III	5007								
2328-374	O	23 28 32	23 31 12.46	17.9		2.265	H I	1216			1247	1247				
		-37 28 0	-37 11 26.4				N V	1240								
							C IV	1549								
							C III	1909								
2328-414	O	23 28 34.6	23 31 16.06	16.9	0.00	0.252					1799	1799				138 kpc from Grus Cl,1799
		-41 25 32	-41 8 58.3													
2328-385	O	23 28 35.8	23 31 16.50	19.3		1.90	H I	1216			478	478				846rnd
		-38 31 19	-38 14 45.3				N V	1240								
							C IV	1549								
2328-381	O	23 28 47.9	23 31 28.45	18.4		1.53	C IV	1549			478	478				846rnd
		-38 7 3	-37 50 29.2				C III	1909								
2329-162	PKS	23 29 2.40	23 31 38.66	19.9		1.155	C IV	1549			762	1304		1518		761sp,1305ir,
	R	-16 13 31.4	-15 56 57.6				C III	1909								1526vlbi,
							Mg II	2798								1352spvar,
																1810pos
2329-020	UM 164	23 29 3	23 31 37.06	17		(1.90)	H I	1216			445	480				
	O	-2 0 4	-1 43 30.3				C IV	1549								
	PB 5427															
	PHL 553															
2329-412	O	23 29 9.3	23 31 50.56	18.5	.30	1.853					1799	1799				152 kpc from Grus Cl,1799
		-41 15 26	-40 58 52.0													
2329-384	PKS	23 29 18.9	23 31 59.42	17.04	.31	-0.73	1.195	C IV	1549		095	094		023		761,1304sp,
	R	-38 28 22	-38 11 47.9				C III	1909				493				1320rpol,
							C II	2326								411fc,1485subv,
							Mg II	2798								1526vlbi,
																1352spvar
2329-376	O	23 29 27.9	23 32 8.19	18.1		1.84	C IV	1549			478	478		846		
	R	-37 39 2	-37 22 27.9											904		
2329-406	O	23 29 37.6	23 32 18.59	18.5		2.17	H I	1216			478	478				846rnd
		-40 38 52	-40 22 17.8				N V	1240								
							C IV	1549								
2329-366	O	23 29 39	23 32 19.02	17.5		1.359	1549	1909			1247	1247				
		-36 38 0	-36 21 25.8													
2331+022	PC	23 31 58.5	23 34 31.95	19.98		4.092	O VI	1034			2014	2014				2014rmag
	O	2 16 47	2 33 22.2				H I	1216								
							N V	1240								
							O I	1304								
							Si II	1307								
							O IV	1402								
							C IV	1549								
2332-377	O	23 32 17.6	23 34 57.30	18.8		2.02	H I	1216			478	478				846rnd
		-37 47 58	-37 31 22.4				N V	1240								
							C IV	1549								
2332+489	OZ 453.7	23 32 17.90	23 34 42.78	18.2		1.534	C IV	1549			507	538		1818		1818pos
	R	48 58 44.0	49 15 19.1				C III	1909						1891		

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		ABS
2332-293	PKS R	23 32 40.68 -29 23 52.3	23 35 18.69 -29 7 16.5	19.0				2.14 + H I 1216 N V 1240 C IV 1549		296	767	767	767	
2332-017	PKS R PB 5458	23 32 46.43 -1 47 44.7	23 35 20.42 -1 31 9.0	18.78*				1.185 C IV 1549 C III 1909		026	436 1181 748	789		436,1032, 1181sp, 1526vlbi, 1898pos
2333+019	UB 1 C PB 5468 R	23 33 57.1 1 54 10	23 36 30.62 2 10 46.2	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
2334+019	UB 2 C PB 5468B	23 34 22.42 1 55 36.1	23 36 55.94 2 12 12.5	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
2335-181	PKS R MC	23 35 20.66 -18 8 57.5	23 37 56.65 -17 52 20.5	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,1485subv 1902avg ph mag
2335-027	PKS R	23 35 23.27 -2 47 34.6	23 37 57.36 -2 30 57.7	19.27				1.072 C IV 1549 C III 1909		026	436	789		1526vlbi
2335+031	4C 03.59 BL Lac R PKS OZ 061	23 35 34.31 3 10 12.3	23 38 7.70 3 26 49.2	18.76*	.68	-.39				528 1898	323 1086 528 1127 1441			323,528subv, 781ir, 2259imag, 044sp,1164mf, 1526vlbi, 2112x 0.31zgal,1786
2335+358	UT R	23 35 52.3 35 49 45	23 38 21.24 36 6 21.9	18.5				2.28 H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1437	1437	2162		
2336-462	C15.41	23 36 38.8 -46 14 49	23 39 19.24 -45 58 11.3	18.4				2.19		2277	2277			
2336-413	O	23 36 59.7 -41 20 0	23 39 39.00 -41 3 22.2	18.6				2.29 H I 1216 N V 1240 C IV 1549		478	478			846rnd
2338-463	C15.40	23 38 22.8 -46 22 2	23 41 2.74 -46 5 23.6	18.2				2.64		2277	2277			
2338+042	PKS R 4C 04.81	23 38 24.66 4 14 37.2	23 40 57.98 4 31 15.3	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	
2338-393	O	23 38 38.6 -39 19 4	23 41 17.13 -39 2 25.6	19				2.31 H I 1216 N V 1240 C IV 1549		478	478			846rnd
2338+191	UT R	23 38 47.1 19 11 27	23 41 18.84 19 28 5.2	18.0				1.78 + H I 1216 C IV 1549 C III 1909		1437	1437	1437		
2340+009	O	23 40 19.8 0 58 42	23 42 53.47 1 15 20.8	19.3				(2.37) H I 1216 C IV 1549		1072	1072			
2340+008	O	23 40 21.2 0 51 25	23 42 54.88 1 8 3.9	19.8				1.37 C IV 1549 C III 1909		1072	1072			

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			
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 1025 1874 2.2383 1025 1.0757 2281	1874 1025,1208BAL 2228 2263						
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 2.6270 O IV 1402 2.5888 C IV 1549 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)		RA (2000)		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)		REFERENCES				NOTES
	DEC (1950)	DEC (2000)	DEC (1950)	DEC (2000)						ID	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 2.5696 O IV 1402 2.4308 C IV 1549 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 2.7817 O IV 1402 2.7017 C IV 1549 2.4371 2.4292 2.4265 2.2754 1.0465	1872					1872 1873 2228 2263	5 arcmin from QSO 2343+120, 1872	
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	007	128	560	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)	REFERENCES				NOTES
	DEC (1950)	DEC (2000)									ID	Z	VAR	R		ABS
2345-167 R OZ 176 X MC	23 45 27.66 -16 47 52.9	23 48 2.59 -16 31 12.4	17.5 *		0.576					057	1204	238	775	703,900,1626, 2103pol,055, 1445fc,1101, 1204,1483, 1595rvar, 847pos,873, 1980x,1445, 2229sp,1617, 2021lr, 1526vlbi, 1789mm, 1852phot IRAS source, 1806	
2345+005 O	23 45 34.4 0 31 47	23 48 8.13 0 48 27.4	19.8		2.10	H I	1216			1072	1072				
2345+002 O	23 45 38.7 0 12 58	23 48 12.45 0 29 38.4	20.2		(3.06)	LYB	1026			1072	1072				
2345+006 O	23 45 45.49 0 40 36.5	23 48 19.21 0 57 17.0	21		2.147*	H I	1216	1.491	989	989			1221	1221,2051, 1590 2257sp, 2228 1151phot,1815, 2263 2166imag grav lens,989, 2227;non grav lens,2051	
2345+006 O	23 45 45.90 0 40 40.4	23 48 19.62 0 57 20.9	19.5		2.152*	H I	1216	1.491	989	989			989	1151phot,1815, 1221 2166imag,2051, 1590 2257sp 2228 7.3arcsec from B; grav lens, 989,2227; non grav lens, 2051	
2345+000 O	23 45 51.7 0 3 57	23 48 25.46 0 20 37.5	19.3		2.65	O VI	1034			1072	1072				
2345+002 O	23 45 53.8 0 16 20	23 48 27.55 0 33 0.5	21.2		2.41	H I	1216			1072	1072				
2345-407 O	23 45 54.0 -40 44 0	23 48 30.97 -40 27 19.3	18.3		0.44	Mg II	2798			1431	1431				
2345+003 O	23 45 56 0 23 12	23 48 29.74 0 39 52.5	17.7		1.96	H I	1216			445	445				
2345+008 O	23 45 57.3 0 53 56	23 48 31.01 1 10 36.5	18.6		1.85	H I	1216			1072	1072				
2345+061 R OZ 076 PKS PB 5541	23 45 58.40 6 8 18.7	23 48 31.77 6 24 59.2	17.5		1.540	C IV	1549			100	100	010	1818pos, 2049noabs		
2346+000 O	23 46 11.3 0 5 55	23 48 45.06 0 22 35.6	19.8		1.48	C IV	1549			1072	1072				
2346+001 O	23 46 13.5 0 10 57	23 48 47.25 0 27 37.6	19.4		(2.52)	O VI	1034			1072	1072				
2346+001 O	23 46 20.4 0 11 58	23 48 54.15 0 28 38.6			1.53	C IV	1549			1072	1072				
2346+005 O	23 46 25.7 0 34 45	23 48 59.43 0 51 25.6	19.2		1.80	C IV	1549			1072	1072				
2346+002 O	23 46 31.3 0 12 16	23 49 5.05 0 28 56.7	20.2		2.27	H I	1216			1072	1072				
2346+003 O	23 46 37.9 0 21 3	23 49 11.64 0 37 43.7	20.2		(3.32)	H I	1216			1072	1072				

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
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 2216 2274 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 2.9678 O IV 1402 2.9295 C IV 1549 2.750 2.6161 2.599 2.5593 2.4272 2.2001 1.1943 1.0793 0.8629	445 480 1874 2281			1550 911sp 1551 Ly limit abs, 1874 z=2.940,1874; 2039 pos & B(J)mag, 2115 2274;damped 2228 Ly alpha, z= 2263 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 2043 LBQS			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 1.140 C III 1909 Mg II 2798	1517 1517			1517 pos & B(J)mag, 2228 2274 2263			
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 1.160 O IV 1402 C IV 1549 C III 1909	1517 1517			1517 pos & B(J)mag, 2228 2274 2263			
2349+009 O	23 49 19.61 0 59 15.7	23 51 53.33 1 15 56.9	18.8				2.037			2043 2043 LBQS			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, 1345subv,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 1517 2043 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		V	(B-V) (U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES				NOTES
		DEC (1950)	DEC (2000)						ID	Z	VAR	R		ABS
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)	REFERENCES				NOTES
	DEC (1950)	DEC (2000)									ID	Z	VAR	R		ABS
2351-154 OZ 187 R 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	109	342 1201 500 589 2049 2281	1518 589 2162 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 E X	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 4C 28.59 VR28.23.05 X 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 E X	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		V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R	ABS	
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	055 054 253 2049 2174 775 2281	128 2049 775 2263 1111 1818 1891 1976	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 1251 1800 1898	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 1304 1871 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		445 445 2043 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)	DEC (1950)	DEC (2000)						ID	Z	VAR	R	ABS				
2358-161 R	PKS -16 6 50	23 58 31.6 0 1 5.39	23 58 31.6 -15 50 7.8	0 1 5.39	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	0 1 9.38	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	0 1 21.77	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	0 1 40.56	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 A	UM 195 -2 16 16.8	23 59 12.44 0 1 46.21	23 59 12.44 -1 59 34.7	0 1 46.21	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	0 1 46.77	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 pos & B(J)mag, 2228 2274 2263					
2359-000 O		23 59 13.2 -0 2 14.1	0 1 46.97 0 14 28.0	0 1 46.97	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	0 1 49.68	20.3			(2.14)	H I 1216 O IV 1402	1072 1072			pos & B(J)mag, 2274					
2359-022 O B	UM 196 -2 16 22.9	23 59 16.19 0 1 49.96	23 59 16.19 -1 59 40.8	0 1 49.96	18			2.818*	H I 1216 2.153 N V 1240 2.0948 Si IV 1397 1.8287 O IV 1402 2043 C IV 1549 2281	445 1874 2043 445 1025 2043 2281			1550 damped Ly 1551 alpha, z=2.094 1874 and z=2.153, 2168 2115 2228 2263					
2359-397 O R		23 59 23.7 -39 44 7	0 1 57.31 -39 27 24.7	0 1 57.31	19			2.05	H I 1216 N V 1240 C IV 1549	478 1431 478			846 2064					
2359+002 O		23 59 38.3 0 16 10.0	0 2 12.07 0 32 52.1	0 2 12.07	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	0 2 15.68	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	0 2 22.51	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	0 2 26.88	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	0 2 30.78	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

REFERENCES TO TABLE 1 IN ALPHABETICAL ORDER

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

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
Asiago Blue Objects		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
Blue Stellar Objects		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
Braccesi Objects		Braccesi Faint Objects		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	Calan-Tololo Survey		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
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

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
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	QNY1:02	1233-008
PHL 868	0049+007	PHL 8462	0237-233	QNY1:06	1233-009
PHL 881	0050+106	Kunth, Sargent, Kowal Objects		QNY1:07	1233-005
PHL 891	0051+146	POX 5B	1150-176	QNY1:08	1233-007
PHL 892	0052+145	POX 8	1150-186	QNY1:09	1233-006
PHL 895	0052-009	POX 29	1155-150	QNY1:17	1234-007
PHL 909	0054+144	POX 30	1155-181	QNY1:24	1234-006
PHL 915	0055+156	POX 33	1155-187	QNY1:25	1234-006
PHL 921	0056+126	POX 35	1156-185	QNY1:26	1234-006
PHL 923	0056-001	POX 42	1158-187	QNY1:28	1234-004
PHL 938	0058+019	POX 50	1200-204	QNY1:29	1233-006
PHL 957	0100+130	POX 54	1201-197	QNY1:30	1234-005
PHL 959	0100+020	POX 61	1203-160	QNY1:31	1234-004
PHL 964	0100+099	POX 62	1202-207	QNY1:32	1234-003
PHL 1027	0130+033	POX 101	1212-198	QNY1:33	1234-003
PHL 1033	0131+037	POX 103	1213-201	QNY1:36	1233-006
PHL 1037	0131+000	POX 104	1259-135	QNY2:02	1235+005
PHL 1038	0131+015	POX 115	1302-125	QNY2:05	1235+005
PHL 1049	0132+077	POX 117	1304-107	QNY2:07	1235+006
PHL 1072	0135+056	POX 123	1304-121	QNY2:09	1235+005
PHL 1078	0135-057	POX 166	1318-113	QNY2:10	1234+005
PHL 1092	0137+060	POX 174	1320-141	QNY2:12	1235+004
PHL 1093	0137+012	POX 175	1320-106	QNY2:14	1235+005
PHL 1096	0137-010	POX 184	1321-095	QNY2:15	1235+004
PHL 1106	0139+059	POX 188	1323-107	QNY2:16	1235+005
PHL 1119	0140+081	Boyle Objects		QNY2:19	1235+002
PHL 1127	0141+052	QNA1:04	1335+005	QNY2:21	1234+003
PHL 1186	0147+089	QNA1:18	1336+007	QNY2:22	1234+002
PHL 1194	0148+090	QNA1:20	1336+006	QNY2:25	1234+001
PHL 1195	0148-202	QNA1:21	1336+004	QNY2:26	1236+004
PHL 1220	0150-102	QNA1:25	1336+004	QNY2:27	1235+000
PHL 1222	0151+048	QNA1:27	1336+004	QNY2:29	1236+000
PHL 1226	0151+045	QNA1:28	1336+005	QNY2:32	1236+001
PHL 1305	0226-038	QNA1:30	1336+006	QNY2:37	1234+001
PHL 1352	0231+022	QNA1:35	1335+005	QNY2:39	1235+000
PHL 1377	0232-042	QNA1:41	1337+004	QNY3:01	1235+011
PHL 1443	0240+007	QNA1:42	1337+004	QNY3:04	1236+010
PHL 1598	2128-123	QNA1:44	1336+001	QNY3:06	1236+011
PHL 1657	2135-147	QNB1:20	1040+014	QNY3:07	1235+011
PHL 2278	2320-035	QNB1:22	1040+014	QNY3:08	1236+011
PHL 2565	0000-026	QNB1:24	1040+013	QNY3:09	1236+011
PHL 2625	0003-066			QNY3:13	1236+010
PHL 2871	0017+154			QNY3:14	1235+008
PHL 2969	0044+015			QNY3:20	1235+007
PHL 2981	0045-260			QNY3:22	1235+010
				QNY3:27	1235+009
				QNY3:29	1235+008
				QNY3:34	1234+010
				QNY3:44	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

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE 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	Ryle and Neville Sources		S 53	0048-264
QSM2:44	2207-198			S 54	0041-309
QSM3:01	2203-187			S 55	0105-284
QSM3:05	2203-188	RN 8 BS	0210+860	S 56	0052-290
QSM3:06	2202-189			S 57	0057-282
QSM3:11	2202-187			S 58	0055-254
QSM3:16	2203-186	Richter and Sahakjan Objects		S 59	0054-293
QSM3:20	2203-192			S 60	0049-297
QSM3:21	2202-189			S 61	0042-266
QSM3:36	2202-190	RS 4	1218+304	S 62	0047-286
QSM3:41	2201-190	RS 13	1331+277	S 63	0043-307
QSM3:43	2201-188	RS 23	1333+286	S 64	0040-303
QSM4:05	2159-190	RS 32	1336+264	S 65	0058-263
QSM4:10	2159-191			S 66	0058-292
QSM4:18	2159-191			S 67	0050-257
QSM4:20	2159-188	Warren, Hewett and Osmer Objects		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 01	0059-288	S 71	0103-294
QSM4:44	2201-189	S 02	0049-286	S 72	0043-261
QSM4:46	2201-189	S 03	0101-299	S 73	0103-301
QSM4:48	2201-191	S 04	1732+389	S 74	0047-268
QSM4:54	2200-185	S 05	0048-259	S 75	0044-273
QSM4:57	2200-188	S 06	0052-290	S 76	0047-307
QSM4:59	2200-187	S 07	0046-290	S 77	0040-279
QSM5:01	2159-195	S 08	0056-293	S 78	0059-304
QSM5:02	2159-195	S 09	0054-299	S 79	0043-259
QSM5:09	2159-196	S 10	0058-290	S 80	0042-269
QSM5:15	2200-196	S 11	0102-265	S 81	0050-283
QSM5:19	2200-195	S 12	0104-284	S 82	0103-260
QSM5:23	2200-197	S 13	0056-293	S 83	0053-276
QSM5:25	2200-198	S 14	0053-276	S 84	0043-265
QSM5:27	2159-194	S 15	0056-305	S 85	0043-275
QSM5:30	2200-198	S 16	0058-294	S 86	0046-267
QSM5:31	2200-196	S 17	0054-267	S 87	0057-274
QSM5:36	2200-194	S 18	0051-267	S 88	0100-283
QSM5:42	2159-192	S 19	0104-269	S 89	0059-287
QSM5:43	2159-194	S 20	0041-262	S 90	0046-282
QSM5:45	2159-195	S 21	0057-310	S 91	0046-293
QSM6:01	2201-194	S 22	0102-277	S 92	0101-304
QSM6:07	2202-196	S 23	0056-303	S 93	0051-279
QSM6:10	2203-194	S 24	0051-264		
QSM6:15	2203-193	S 25	0054-309	Second Byurakan Objects	
QSM6:18	2202-193	S 26	0059-304	SBS 1	0747+613
QSM6:21	2203-198	S 27	0039-304	SBS 2	0920+580
QSM6:22	2203-198	S 29	0043-296	SBS 3	0944+540
QSM6:24	2203-196	S 30	0048-309	SBS 4	0953+556
QSM6:28	2203-197	S 31	0104-291	SBS 6	0953+549
QSM6:38	2202-197	S 32	0100-280	SBS 7	0957+557
QSM6:46	2203-195	S 33	0048-269	SBS 8	1039+582
QSM7:02	2158-194	S 34	0040-283	SBS 9	1055+584
QSM7:04	2157-195	S 35	0055-308	SBS 11	1117+535
QSM7:07	2158-195	S 36	0047-309	SBS 12	1125+584
QSM7:13	2157-198	S 37	0055-277	SBS 13	1128+574
QSM7:28	2156-196	S 38	0057-288	SBS 15	1204+597
QSM7:33	2157-196	S 39	0042-276	SBS 17	1220+567
QSM7:42	2156-194	S 40	0102-293	SBS 19	1221+545
QSM7:46	2156-194	S 41	0053-302	SBS 20	1229+597
QSM7:61	2156-193	S 42	0052-307	SBS 21	1315+605
QSM7:63	2157-194	S 43	0102-301		
QSM8:02	2158-189	S 44	0054-291		
QSM8:10	2158-190	S 45	0050-281		
QSM8:17	2157-189	S 46	0102-285		
QSM8:23	2158-186	S 47	0100-283		
QSM8:26	2157-185	S 48	0057-308		
QSM8:28	2157-187				

TABLE 2—Continued

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

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

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

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	z
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	z	m_R	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.