

No.	Star	R. A. 1900.0	Decl. 1900.0	Magnitude and Spectrum	Proper Motion			Parallax		M			
					Total	Right Ascension		Relative	Ab- solute				
						Boss	Observed						
1022	θ' <i>Serpentis</i>	h m 18 51.2	° ' + 4 4	4.5 A5	0.056	+	+0.049	+0.016	+0.009	.010	-1:	
1023	θ' <i>Serpentis</i>	18 51.2	+ 4 4	5.4 A5	.049	+	.046	+ .019	-.002	.012	0:	
	Mean								+	.004	.008	+ .007
1024	β <i>Equulei</i>	21 17.9	+ 6 23	5.1 A0	.057	+	.057	+ .049	+	.020	.009	+ .024	+2:
1025	72 <i>Cygni</i>	21 30.7	+38 5	5.0 K0	.149	+	.119	+ .106	-	.005	.011	-.002
1026	Cincinnati 2850	21 50.3	+31 52	7.6 K0	.33	+	.204*	+ .251	+	.060	.009	+ .063	+6.6

Leander McCormick Observatory,
University of Virginia,
September 12, 1933.

OBSERVATIONS OF COMET 1932 *k* (PELTIER-WHIPPLE),

By DEAN B. McLAUGHLIN

MICROMETRIC MEASURES WITH THE 12-INCH REFRACTOR

U. T.	$\Delta\alpha$	$\Delta\delta$	n	α	δ	Par. Fact.	★
1932	m s	' "		h m s	° ' "		
Aug. 12.24523	+0 2.51	+ 9 51.1	12-10	3 15 48.98	+41 48 58.2	9.764 _n 0.594	1
12.32066	+0 21.23	+ 2 17.6	12-10	3 16 4.58	42 1 4.7	9.690 _n 0.298	2
12.39974	+1 12.93	- 2 11.2	10-10	3 16 20.80	42 13 35.0	9.444 _n 9.701	3
13.32149	+0 35.85	- 0 22.4	10-10	3 19 45.56	44 40 54.2	9.707 _n 0.218	4
13.37521	+0 48.05	+ 8 18.4	10-10	3 19 57.76	44 49 35.0	9.568 _n 9.707	4
13.40488	-1 18.76	- 6 47.0	10-10	3 20 4.52	44 54 21.0	9.436 _n 8.675	6
14.28998	-0 14.51	+ 8 39.6	10-10	3 23 40.44	47 16 53.9	9.773 _n 0.339	7
14.30894	-0 25.16	+11 28.4	10-10	3 23 45.50	47 19 59.8	9.749 _n 0.221	8
14.34576	+0 45.81	- 4 6.9	10-10	3 23 54.61	47 25 55.0	9.677 _n 9.876	9
14.38816	+0 0.23	- 2 56.0	12-10	3 24 5.86	47 32 47.7	9.538 _n 8.928 _n	10
15.33450	-0 36.98	- 1 39.2	12-10	3 28 21.36	50 5 47.4	9.728 _n 9.846	11
Aug. 15.40631	-0 30.46	- 3 53.3	12-10	3 28 41.34	50 17 24.7	9.475 _n 9.872 _n	12
Oct. 16.02043	-0 43.07	+ 4 3.3	12-14	14 5 1.79	49 50 47.8	9.823 0.623	13

COMPARISON STARS, 1932.0

★	α	δ	Authority
	h m s	° ' "	
1	3 15 46.47	+41 39 7.1	A. G. BONN 2783
2	3 15 43.35	41 58 47.1	A. G. BONN 2782
3	3 15 7.87	42 15 46.2	A. G. BONN 2770
4	3 19 9.71	44 41 16.6	BD +44°691*
5	3 18 18.71	44 43 26.3	A. G. BONN 2812
6	3 21 23.28	45 1 8.0	A. G. BONN 2869
7	3 23 54.95	47 8 14.3	A. G. BONN 2909
8	3 24 10.66	47 8 31.4	A. G. BONN 2914
9	3 23 8.80	47 30 1.9	A. G. BONN 2893
10	3 24 5.63	47 35 43.7	A. G. BONN 2912

★	α	δ	Authority
	h m s	° ' "	
11	3 28 58.34	50 4 8.2	A. G. BONN 2990
12	3 29 11.80	50 21 18.0	A. G. BONN 2993
13	14 5 44.86	49 46 44.5	BOSS 3631

* Connected by micrometric measure with ★5, $\Delta\alpha + 0^m51^s.00$, $\Delta\delta - 2' 9''.7$.

NOTES

Aug. 13, sharp stellar nucleus; tail in position angle 260°.
Aug. 14, stellar nucleus, 10-11 magnitude; integrated magnitude of inner coma about 9th; position angle of tail 262°; coma unsymmetrical, - more extensive in position angle 0-90°.

University of Michigan Observatory,
Ann Arbor, Mich.,
October, 1933.

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