

## PHOTOGRAPHIC OBSERVATIONS OF COMETS AND ASTEROIDS

By JORGE BOBONE

1946 U.T.	$\alpha$ (1946.0)	$\delta$	Exp. (min)	Parallax Factors $\alpha$ $\delta$		Reference Stars
Comet Pajdusakova-Rotbart-Weber						
June 5.06110	14 <sup>h</sup> 24 <sup>m</sup> 53 <sup>s</sup> .37	+40° 9' 17".9	3	-0.064	-8".31	AG Bonn, 9424, 9447, 9458
June 6.04998	13 51 36.98	+36 37 21.5	3	-0.003	-8.14	AG Lund, 6094, 6120, 6125
June 8.05650	13 9 44.79	+30 42 20.6	3	+0.146	-7.63	AG Lei., 4844, 4849, 4855
June 14.94798	12 17 33.35	+20 31 1.1	5	-0.044	-6.89	Yale 10, 4486, 4488, 4505
June 18.95550	12 6 33.08	+17 47 4.3	5	+0.043	-6.63	AG Berl. A, 4600, 4605, 4620
June 28.94797	11 54 45.03	+14 4 48.1	24	+0.132	-6.19	AG Lpz. I, 4445, 4450, 4452
Asteroid (135) Hertha						
Aug. 2.95425	12 11 17.06	- 2 32 24.4	20	+0.369	-4.33	Yale 17, 4527G, 3374N, 4543
Aug. 2.96949	12 11 18.20	- 2 32 32.6	20	+0.400	-4.36	<i>Ibid.</i>
Aug. 4.97320	12 13 57.14	- 2 49 57.1	10	+0.413	-4.35	Yale 17, 4540, 4543, 4544
Aug. 5.98056	12 15 17.71	- 2 58 47.0	10	+0.429	-4.35	Yale 17, 4544, 4551, 4554
Aug. 6.95352	12 16 35.99	- 3 7 20.2	10	+0.383	-4.29	Yale 17, 4544, 4551, 4559
Aug. 10.99328	12 22 5.47	- 3 43 21.1	10	+0.461	-4.36	Yale 17, 4569, 4575, 4585
Aug. 16.95620	12 30 24.76	- 4 37 37.5	10	+0.423	-4.22	Yale 17, 4613, 4624, 4626
Aug. 20.96036	12 36 8.41	- 5 14 47.8	20	+0.441	-4.21	Yale 17, 4632, 4640, 4649
Periodic Comet Tempel 2						
Sept. 27.10251	1 30 29.27	-20 34 57.6	20	-0.376	-2.39	Yale 131, 401, 407, 419
Oct. 21.03361	1 12 16.75	-20 28 51.0	30	-0.353	-2.30	Yale 131, 317, 321, 330
Object Johnson						
Sept. 14.98767	21 52 59.32	-24 39 12.4	15	-0.380	-1.88	Yale 14, 14979, 14998, 14999
Sept. 16.08811	21 52 37.35	-25 3 1.6	15	-0.060	-0.97	Yale 14, 14974, 14995, 14999
Sept. 27.06026	21 51 12.71	-28 24 27.6	20	-0.050	-0.45	Yale 1311, 14290, 14291, 14318
Oct. 14.99680	21 58 43.57	-31 32 42.8	20	-0.123	-0.05	Córd. B, 14343, 14345, 14362
Oct. 16.09237	21 59 34.46	-31 39 1.7	20	+0.231	-0.26	<i>Ibid.</i>
Nov. 19.02666	22 43 55.52	-31 5 9.5	20	+0.218	-0.31	Córd. B, 14658, 14669, 14683
Comet Bester						
Nov. 5.02847	4 50 32.39	-38 42 35.1	10	-0.638	-2.98	Córd. (unpublished) CoD -38°1762, 1781, -39°1689
Nov. 6.10679	4 46 44.78	-38 43 19.4	10	-0.511	-0.71	Córd. (unpublished) CoD -38°1733, -39°1656, -38°1762
Nov. 7.01405	4 43 30.37	-38 43 14.6	10	-0.639	-3.10	Córd. (unpublished) CoD -38°1703, -39°1624, -38°1733
Nov. 19.06821	3 56 56.05	-37 33 49.6	10	-0.418	-0.17	Córd. (unpublished) CoD -37°1522, 1556, -38°1393
Nov. 27.03135	3 25 12.91	-35 30 9.5	10	-0.387	-0.32	Córd. C, 908, 929, 943
Dec. 13.02637	2 29 43.57	-28 42 33.2	10	-0.109	-0.45	Yale 1311, 969, 970, 984

The plates were taken with the astrographic telescope of the Córdoba Observatory. Stars to which proper motions were applied are indicated by italics.

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## ERRATA

A. J. 52, No. 1163:

Page 193, line 4 from bottom of page, for  $-\alpha' b_c' \cos v$  read  $-\frac{\alpha}{2} b_a' \cos v$ .

Page 207, line 1, for Comet 1946c read Comet 1946d.