Cordoba Observations of Comets. By John M. Thome.

The accompanying observations were made with the equatorial of 11 inches aperture and filar micrometer, using a power of 60. The comets were readily found by the aid of the cypher telegram from Prof. Cruls in Rio. All the observations were made by first assistant R. H. Tucker.

With regard to the discordance between the Cordoba and Santiago observations of the star Z. C. 1^h1278, indicated

by Prof. Kam upon page 249, of A. N. 2703, I find that it has been observed by us in later years, also, and is given in the General Catalogue about to be published as No. 1875. Its place for 1855.0 would be

$$\alpha = 1^h48^m34^s30 \quad \delta = -55^\circ28'14''.4,$$

thus removing all doubt about the trustworthiness of the zone observation.

Date	Cordoba M.T.	$\Delta\alpha$	$\Delta\delta$	Cp.	α app.	$\log p.A$	δ app.	$\log p.A$	*
1885-86 Comet 1886... (Fabry).									
Dec. 6	9 ^h 56 ^m 48 ^s .9	+1 ^m 23 ^s .36	+ 3' 31".48	5	0 ^h 26 ^m 51 ^s .71	9.526	+20° 54' 10".8	0.806 _n	1
15	8 47 52.4	-0 25.17	-11 55.22	7	0 8 38.22	9.486	+20 42 41.0	0.812 _n	2
24	8 45 46.4	+0 7.79	+ 1 36.13	10	23 54 1.17	9.593	+20 41 4.6	0.787 _n	3
26	8 34 7.3	+1 1.97	-0 20.21	7	23 51 17.56	9.591	+20 42 35.7	0.788 _n	4
30	8 42 31.5	+1 20.64	-7 36.51	6	23 46 16.42	9.639	+20 47 30.5	0.778 _n	5
Jan. 1	8 38 45.5	-0 54.22	-3 51.53	6	23 44 1.51	9.647	+20 51 15.3	0.765 _n	5
3	8 39 31.8	+0 49.99	-3 29.70	7	23 41 56.21	9.660	+20 56 2.7	0.757 _n	6
4	9 3 34.1	-0 10.64	-0 51.15	5	23 40 55.57	9.690	+20 58 41.2	0.734 _n	6
5	9 1 38.3	-1 7.25	+ 1 55.11	6	23 39 58.96	9.693	+21 1 27.4	0.731 _n	6
7	8 49 34.6	+1 24.41	-2 34.06	5	23 38 10.30	9.691	+21 7 46.5	0.734 _n	7
9	8 27 19.8	-0 15.78	+ 4 43.80	5	23 36 30.07	9.679	+21 15 4.1	0.745 _n	7
1885-86 Comet 1886... (Barnard).									
Dec. 6	12 22 33.8	-1 4.95	-7 26.34	7	4 14 30.68	9.197	+ 4 59 26.2	0.716 _n	1
10	14 0 8.9	-0 48.33	+ 9 28.85	6	4 4 28.60	9.582	+ 5 22 52.1	0.702 _n	2
11 ¹⁾	11 10 56.6	-0 20.80	-2 49.38	6	4 2 17.38	8.857	+ 5 28 14.1	0.723 _n	3
14 ²⁾	13 7 19.3	-1 4.61	-5 21.72	9	3 54 30.44	9.552	+ 5 48 36.2	0.710 _n	4
15	11 22 13.3	-3 25.48	+ 1 19.51	6	3 52 9.57	9.182	+ 5 55 16.9	0.725 _n	4
16	10 27 16.9	+3 46.27	-9 2.89	7	3 49 42.70	8.669	+ 6 2 19.2	0.729 _n	5
24 ²⁾	9 53 36.7	+3 31.64	-3 57.67	5	3 29 30.81	8.936	+ 7 6 26.9	0.738 _n	6
26	9 5 34.9	-1 1.58	-1 21.09	6	3 24 38.82	7.902	+ 7 24 11.4	0.742 _n	7
30	9 4 3.8	+0 36.42	-0 38.79	6	3 14 56.12	8.787	+ 8 1 37.2	0.747 _n	8
Jan. 1	11 35 2.2	-2 36.62	+ 2 11.23	6	3 10 1.20	9.578	+ 8 22 15.0	0.722 _n	9
3	11 5 12.1	-2 46.05	-4 7.76	5	3 5 29.88	9.546	+ 8 42 17.8	0.729 _n	10
4	9 27 22.7	+1 14.00	-0 33.74	3	3 3 25.15	9.253	+ 8 51 55.5	0.750 _n	11
5	10 58 31.4	-1 7.20	+10 34.62	5	3 1 3.94	9.557	+ 9 3 3.8	0.730 _n	11
6 ¹⁾	11 33 57.7	-1 30.04	+ 1 1.26	7	2 58 50.18	9.624	+ 9 13 41.6	0.717 _n	12
7	11 12 5.2	-2 47.35	-2 29.70	5	2 56 43.69	9.601	+ 9 24 17.1	0.724 _n	13
9	9 22 59.9	+0 28.16	+ 0 29.85	7	2 52 44.06	9.367	+ 9 45 13.3	0.753 _n	14
12 ³⁾	11 32 1.4	+2 17.89	+10 19.25	5	2 46 34.11	9.663	+10 19 40.8	0.708 _n	15

¹⁾ Clouds. ²⁾ Thin Clouds. ³⁾ Moonlight.

Mean Places of the Comparison Stars.

*	α 1885-86.0	δ 1885-86.0	Authority	*	α 1885-86.0	δ 1885-86.0	Authority
For Comet 1886... (Fabry).							
1	0 ^h 25 ^m 24 ^s .96	+20° 50' 13".9	Comp. with BB. VI 47 and W ₂ 0 ^h 686	3	4 ^h 2 ^m 34 ^s .05	+ 5° 31' 1".2	BB. VI +5°595
2	0 9 0.20	+20 54 10.8	W ₂ 0 ^h 200	4	3 55 30.93	+ 5 53 54.7	BB. VI +5.578
3	23 53 50.41	+20 39 2.8	W ₂ 23 ^h 1096	5	3 45 52.34	+ 6 11 18.5	Glasg. 904
4	23 50 12.68	+20 42 30.3	BB. VI +20°5397	6	3 25 55.13	+ 7 10 19.4	W ₁ 3 ^h 428
5	23 44 52.96	+20 54 41.6	Rü. 11660 (1885.0)	7	3 25 36.35	+ 7 25 27.3	W ₁ 3 ^h 425
5	23 44 56.00	+20 55 1.6	Rü. 11660 (1886.0)	8	3 14 15.71	+ 8 2 10.9	W ₁ 3 ^h 223
6	23 41 6.53	+20 59 27.2	W ₂ 23 ^h 850	9	3 12 37.07	+ 8 20 11.0	BB. VI +8°491
7	23 36 46.26	+21 10 15.6	BB. VI +20°5361	10	3 8 15.21	+ 8 46 32.6	W ₁ 3 ^h 105
For Comet 1886... (Barnard).							
1	4 15 31.52	+ 5 6 51.2	W ₁ 4 ^h 276	11	3 2 10.46	+ 8 52 36.0	W ₁ 2 ^h 1075
2	4 5 12.82	+ 5 13 21.2	Gl. 992 with P. M. +0°008	12	2 59 52.56	+ 9 12 47.0	W ₁ 2 ^h 1029
				13	2 59 30.39	+ 9 26 53.5	W ₁ 2 ^h 1021
				14	2 52 15.31	+ 9 44 49.9	W ₁ 2 ^h 880
				15	2 44 15.73	+10 9 27.8	BB. VI +10°374