Mittlere Oerter der Vergleichsterne für 1856,0 und 1857,0:

<i>a</i> Weisse's Cat. Hora 11 $\mathcal{M}$ 168	167°39' 39"3	+ 6°51' 15"6	<i>d</i> Baily's Lal. $\mathcal{M}$ 29882	244°30' 22"3	— 5°33' 55"6
<i>b</i> Baily's Lal. $\mathcal{M}$ 20863	160 44 10,7	+11 5 32,6	<i>e</i> Baily's Lal. $\mathcal{M}$ 24769	198 37 39,3	—13 39 59,0
Weisse's Cat. Hora 10 $\mathcal{M}$ 767	44 14,7	5 32,2	Weisse's Cat. Hora 13 $\mathcal{M}$ 230	37 41,8	40 3,9
Angenommen:	160 44 12,7	+11 5 32,4	Angenommen:	198 37 40,6	—13 40 1,5
<i>c</i> Weisse's Cat. Hora 16 $\mathcal{M}$ 502	246 40 36,1	— 5 44 53,1			

Königsberg 1857 Nov. 20.

E. Luther.

Observations of Ariadne, Nysa and Hestia, taken at the Radcliffe Observatory Oxford, with the ten feet equatoreal, by *Norman Pogson*. — Communicated by *M. J. Johnson Esq.* — Radcliffe Observer.

A r i a d n e .							
1857	Gr. M. T.	Mag.	app. AR	log. par. $\times \Delta$	app. NPD.	log. par. $\times \Delta$	Nr. of Comp.
June 13	11 ^h 46 ^m 37 ^s	—	13 ^h 9 ^m 40 ^s 19	9,497	100° 51' 48" 7	0,851 _n	2 with <i>a, b</i>
N y s a .							
June 25	12 16 44	11,0	15 0 4,08	9,456	101 57 30,0	0,860 _n	6 with <i>c</i>
—	12 17 6	—	15 0 4,13	9,456	—	—	4 — <i>c</i>
— 26	11 53 19	11,5	14 59 52,85	9,426	101 58 46,9	0,864 _n	2 — <i>c</i>
—	12 4 23	—	14 59 52,37	9,444	—	—	6 — <i>c</i>
—	12 11 5	—	—	—	101 58 51,8	0,861 _n	4 — <i>c</i>
— 27	11 43 42	11,3	14 59 43,89	9,415	102 0 22,2	0,866 _n	10 — <i>c</i>
July 8	11 49 10	—	14 59 15,83	9,489	102 23 5,5	0,855 _n	2 — <i>d</i>
H e s t i a .							
Aug. 22	12 27 12	—	20 16 27,19	9,302	106 44 8,7	0,887 _n	2 — <i>k</i>
—	12 44 56	—	20 16 26,00	9,351	106 44 16,4	0,883 _n	7 — <i>i</i>
— 25	12 34 40	—	20 14 50,41	9,359	—	—	8 — <i>i</i>
—	12 47 47	—	20 14 49,37	9,388	106 54 42,8	0,880 _n	9 — <i>h</i>
— 26	11 47 13	11,7	20 14 22,08	9,226	—	—	8 — <i>i</i>
—	11 48 23	—	20 14 21,71	9,234	106 57 56,8	0,892 _n	7 — <i>h</i>
—	11 51 26	—	—	—	106 57 53,2	0,891 _n	6 — <i>i</i>
— 29	11 47 0	—	20 13 6,15	9,272	106 7 22,4	0,890 _n	8 — <i>h</i>
—	11 47 0	—	20 13 6,42	9,272	107 7 21,1	0,890 _n	8 — <i>i</i>
Sept. 17	11 27 6	12,7	20 11 52,64	9,417	107 46 31,0	0,878 _n	4 — <i>f</i>
—	11 27 6	—	20 11 52,39	9,417	107 46 33,0	0,878 _n	4 — <i>g</i>
— 18	9 54 50	12,5	20 12 7,38	9,150	107 47 30,8	0,804 _n	8 — <i>f</i>

The observation of Ariadne was made with a Difference Micrometer as suggested by the late Prof. *H. von Boguslawski*, the correction for motion of the planet during the time of observation being taken into account in the reduction. Those of Nysa and Hestia were made with a Ring-micrometer and were corrected for refraction and proper motion. — The following positions of the comparison stars have been adopted, allowing only half weight to the places taken from Lalande's catal.

Ref.	Authority	Mag.	Mean AR 1857,0	Mean NPD 1857,0
<i>a</i>	Weisse XIII. 153 = 24650 Lalande	7	13 ^h 9 ^m 51 ^s 79	100° 43' 40" 1
<i>b</i>	Weisse XIII. 195 = 24713 & 4 Lalande	8	13 12 12,85	100 55 5,2
<i>c</i>	Weisse XIV. 1072	9	14 57 8,48	101 50 3,3
<i>d</i>	Piazzi XIV. 268	8	14 58 44,00	102 20 53,9
<i>e</i>	Weisse XV. 29	9	15 3 4,35	101 42 38,7
<i>f</i>	A.Z. 244.61 = A.Z. 252.108	8.9	20 11 32,96	107 55 55,9
<i>g</i>	A.Z. 244.62 = A.Z. 252.109	9	20 11 56,86	107 56 34,5
<i>h</i>	A.Z. 252.111	8.9	20 12 51,72	107 8 35,9
<i>i</i>	Four Radcliffe meridian observations	8	20 14 26,54	106 58 21,9
<i>k</i>	A.Z. 248.55	9.10	20 16 27,33	106 28 2,4

The NPD of Iris on 1857 April 28 ($\mathcal{M}$ 1088 page 126) was printed 107°38'38"7 in mistake for 105°38'38"8. —

Norman Pogson.