Observations of Asteroids

made with the Filar Micrometer of the Equatoreal of the Observatory Washington, by *J. Ferguson*.

(Corrected for refraction.)

(Communicated by Lieut. *Maury*.)

Laetitia.

		M. T. Wash.	Comp.	Comp.-Star	$\Delta\alpha$	$\Delta\delta$	α	Apparent	δ
1856	March 24	9 ^h 31 ^m 10 ^s .6	10	Weisse X. 914	-0 ^m 21 ^s .46	- 6' 35 ^{''} .79	10 ^h 50 ^m 20 ^s .23	+10 ^o 21' 32 ^{''} .48	
	25	9 47 18.6	8	914	-0 58.89	- 0 28.51	49 42.80	10 27 39.79	
April	6	11 3 11.1	7	743	+1 56.67	+11 22.55	43 39.41	11 29 40.68	
	8	9 19 44.6	10	743	+1 13.89	+19 11.01	42 56.61	11 37 29.94	
	13	8 39 16.1	7	803	-2 58.25	-12 17.97	41 27.93	11 54 56.35	
	22	9 10 56.8	2	781	-3 28.44	- 3 57.72	40 7.24	12 16 33.11	
	25	9 39 13.4	5	781	-3 32.19	+ 0 19.21	40 3.46	12 20 50.23	
	26	8 32 33.6	10	716	-0 32.50	-17 6.57	40 4.80	12 21 51.08	
	28	9 2 23.1	6	716	-0 26.20	-15 15.44	40 11.09	12 23 42.34	
	May 13	8 36 4.6	4	781	-0 3.30	- 1 3.50	43 32.16	12 19 28.72	
	14	9 29 11.6	10	781	+0 20.15	- 2 28.36	43 55.60	12 18 3.93	
	18	10 14 56.5	7	781	+2 2.00	- 9 11.00	45 37.41	12 11 21.55	
	19	10 51 23.2	5	781	+2 30.76	-11 14.14	46 6.16	12 9 18.47	
	20	8 45 28.0	11	822	+1 14.63	+ 4 17.04	46 32.33	12 7 23.63	
	21	8 37 54.7	8	837	+0 53.85	+ 0 38.38	47 2.14	12 5 10.87	
	22	9 13 52.1	5	837	+1 25.20	- 1 42.92	47 33.47	12 2 49.62	
	28	9 11 28.4	5	837	+4 49.45	-17 47.77	50 57.67	11 46 45.12	
	30	8 46 48.7	10	(3)	+0 57.77	-12 14.40	10 52 12.41	11 40 38.70	
June	13	9 4 49.4	5	Weisse X. 1075	+2 47.07	-12 55.99	11 2 29.74	10 46 28.94	
	15	9 12 44.1	8	XI. 61	-1 4.04	- 1 30.23	4 9.43	10 37 22.06	
	20	9 5 58.9	5	235	-5 53.26	+15 45.66	8 30.41	10 13 10.20	
	24	8 46 38.2	8	235	-2 14.49	- 4 49.10	12 9.15	9 52 36.12	
	27	9 54 45.1	5	3892 B. A. C.	-3 48.80	+ 9 8.11	15 2.98	9 36 6.47	
	28	9 4 42.0	7	"	-2 53.04	+ 3 48.20	15 58.75	9 30 46.61	
	July 1	9 5 40.2	12	"	+0 4.13	-13 7.82	18 55.88	9 13 50.72	
	5	8 52 38.8	6	Weisse XI. 446	-3 8.96	+ 4 2.86	22 57.55	8 50 29.06	
	—	8 54 36.1	5	" 412	-1 16.81	+11 2.35	22 58.08	8 50 27.40	
	10	8 44 18.4	6	" 495	-0 28.58	+11 10.30	11 28 12.08	+ 8 19 53.11	

Adopted mean places 1860.0 of Comparison Stars.

Star	Mag.	α	δ	Authority
Weisse X. 914	8	10 ^h 50 ^m 52 ^s .73	+10 ^o 26' 57 ^{''} .32	Rümker's Cat.
743	6	10 41 53.91	11 17 7.01	Weisse's Cat.
803	8	10 44 37.41	12 6 2.44	"
781	7.8	10 43 47.00	12 19 18.37	"
716	9	10 40 48.69	12 37 45.04	"
822	8.9	10 45 29.28	12 1 52.27	"
837	9	10 46 19.87	12 3 18.03	"
(3)	9	10 51 26.26	11 51 37.87	Wash. Equat. from precedg. Star
Weisse X. 1075	8	10 59 54.32	10 58 8.66	Weisse's Cat. & Santini's Cat.
XI. 61	8	11 5 25.09	10 37 35.85	Weisse's Cat.
235	7	11 14 35.24	9 56 8.24	Santini's Cat.
3892 B. A. C.	7.8	11 19 3.35	9 25 41.28	B. A. Cat.
Weisse XI. 412	8	11 24 26.49	8 38 7.80	Rümker's Cat.
XI. 446	8	11 26 18.08	8 45 8.87	Santini's Cat.
XI. 495	9	11 28 52.24	+ 8 7 25.43	Weisse's Cat.

Harmonia.

Harmonia.									
			M. T. Wash.	Comp.	Comp.-Star	$\Delta \alpha$	$\Delta \delta$	α	δ
						$\textcircled{40} - *$		$\textcircled{40}$ Apparent	
1856	June	18	11 ^h 9 ^m 28 ^s .9	2	Weisse XII. 736	+3 ^m 4 ^s .38	—11' 25".63	12 ^h 46 ^m 26 ^s .94	—0 ^o 9' 27".75
		19	11 21 12.9	6	835	—2 0.63	—5 51.83	12 47 4.14	—0 16 14.07
		20	10 19 59.0	12	835	—1 24.06	—12 16.68	12 47 40.70	—0 22 38.87
		21	9 24 40.8	4	835	—0 46.19	—18 45.73	12 48 18.57	—0 29 7.89
		24	10 7 42.1	3	819	+2 6.24	+6 8.87	12 50 24.61	—0 50 17.04
		28	9 47 36.9	5	878	+1 49.11	—1 2.92	12 53 26.54	—1 17 6.71

Adopted mean places 1860,0 of Comparison Stars.

Star	Mag.	α	δ	Authority
Weisse XII. 736	9	12 ^h 43 ^m 33 ^s .49	+0 ^o 0' 47".51	Weisse's Cat.
835	7	12 49 15.68	—0 11 32.05	"
819	8	12 48 29.31	—0 57 35.96	Rümker's Cat.
878	8	12 51 48.36	—1 19 20.06	Weisse's Cat.

I s i s.

			M. T. Wash.	Comp.	Comp.-Star	$\Delta \alpha$	$\Delta \delta$	α	δ
1856	July	20	9 ^h 25 ^m 47 ^s .8	8	A. Z. 208 84	+1 ^m 43 ^s .47	—15' 55''21	15 ^h 39 ^m 38 ^s .28	—19 ^o 10' 47''56
		21	9 52 45.7	7	88	+0 26.64	— 1 44.94	40 0.11	19 17 3.26
		—	9 49 51.4	6	90	+0 43.99	+ 5 25.05	40 0.22	19 17 6.12
		22	10 11 43.0	3	88	+0 50.82	— 8 9.95	40 24.18	19 23 28.36
		—	10 23 27.1	10	90	—0 19.81	— 1 5.41	40 24.40	19 23 36.56
		23	10 1 16.6	12	90	+0 5.33	— 7 20.45	40 49.54	19 29 51.61
		25	9 3 53.8	7	5251 B. A. C.	—3 15.16	+ 1 38.84	41 45.97	19 42 31.79
Aug.		5	9 21 48.3	2	5281 B. A. C.	+0 4.42	—22 23.44	49 22.47	20 56 16.62
		6	8 55 36.4	6	5278 B. A. C.	+1 25.52	+ 0 55.93	50 14.69	21 3 2.86
		7	9 3 45.2	4	5278 B. A. C.	+2 20.42	— 5 55.09	51 9.58	21 9 53.86
		13	8 47 21.8	6	A. Z. 213 5	—1 36.80	—11 23.63	15 57 13.33	—21 51 47.40

Adopted mean places 1860,0 of Comparison Stars.

Star	Mag.	α	δ	Authority
A. Z. 208 84	8.9	15 ^h 38 ^m 6 ^s .46	—18 ^o 55' 26".76	A. Z.
88	8.9	15 39 44.96	19 15 15.42	"
90	8	15 40 55.82	19 23 3.02	"
5251 B. A. C.	4	15 45 12.81	19 44 41.11	B. A. Cat. & A. Z.
* 5281 B. A. C.	4.5	15 49 29.96	20 34 22.31	A. Z.
5278 B. A. C.	7	15 49 1.14	21 4 27.89	B. A. Cat.
A. Z. 213 5	7	15 59 2.23	—21 40 50.27	A. Z.

* This star in the British Association Catalogue depend on the Hist. Céleste or observations of Lalande. There has probably been an error of 20 seconds in the reading of *Lalande*, or in the reduction of the Star to 1850. — Prof. *Argelander* has observed the Star twice Zones. 208, 102 and 385, 116. — The mean of then has been used in the present comparison. — *M. F. Maury.*

No observations have been made here other of *Leucothea* or *Circe* through they have been both sought for since July 10, on every clear night. *J. F.*

I n h a l t.

(Zu Nr. 1059.) Construction einer neuen Tafel für den *lapsus ellipticus* etc., von Herrn Dr. *Lehmann* (Fortsetzung von Nr. 1049) 273. — Elemente und Ephemeride der *Harmonia*, von Herrn *Powalky* 281. — Observations of Asteroids made with the Filar Micrometer of the Equatoreal of the Observatory Washington by *J. Ferguson* 285. —

Altona 1856. September 30.