

FROM A LETTER OF MR. OTTO STRUVE TO THE EDITOR.

Pulkowa, 1856, Jan. 7.
1855, Dec. 26.

My father has within a short time completed the printing of the first part of his description of the measurement of the great meridian arc, and prepared the greater portion of the text for the second volume. My time has been greatly interrupted by various kinds of work, so that I have had very little at my disposal for scientific investigation. Nevertheless I have succeeded in accomplishing something relative to parallaxes. From a comparatively small number of observations, I have found the following values for some : —

For α Aurigæ,	$\pi = + 0.305$	with the prob. error,	0.043
“ η Cassiopeiæ,	+ 0.154	“ “	0.045
“ μ Cassiopeiæ,	+ 0.342	“ “	0.052

This parallax makes itself especially manifest in the case of μ Cassiopeiæ. The number of the observations is, however, only 16, and this alone is the source of the somewhat greater value of the probable error.

OTTO STRUVE.

PLANET-CIRCULARS.

THE new planet was detected by Mr. BRUHNS, on the 20th of January, at the Observatory of Berlin, and the following place was observed : —

	Mean Berlin Time.	α	δ
1856, Jan. 20,	8 ^h 33 ^m 29 ^s	128° 6' 17".5	+ 17° 19' 5".2

By bright moonlight it was rather dim, and below the 10th magnitude.

Mr. PAPE, now in the Observatory at Altona as computer for the Danish measurement of a degree, has calculated, from the above observation and that made in Paris on the 12th of January, a preliminary orbit, and from this the following small Ephemeris, which may prove useful in searching for the planet in the succeeding days.

EPHEMERIS.

0 ^h . Berlin.				0 ^h . Berlin.			
	α	δ	Log Δ		α	δ	Log Δ
1856.	h. m. s.	° ' "		1856.	h. m. s.	° ' "	
Jan. 24	8 28 41	+17 18.0	0.2367	Jan. 31	8 21 35	+17 15.9	
25	8 27 40	17 17.7		Feb. 1	8 20 35	17 15.6	0.2380
26	8 26 38	17 17.4		2	8 19 35	17 15.3	
27	8 25 37	17 17.1		3	8 18 35	17 15.0	
28	8 24 36	17 16.8	0.2368	4	8 17 35	17 14.7	
29	8 23 36	17 16.5		5	8 16 35	+17 14.5	0.2404
30	8 22 36	+17 16.2					

No notice was received of the first discovery of this planet by M. CHACORNAC, on the 12th of January.

Cambridge, 1856, Feb. 21.

Mr. LE VERRIER announces, under date of Feb. 8, that Mr. CHACORNAC discovered at 13^h 7^m a new planet of the 8th or 9th magnitude.

α	δ
11 ^h 21 ^m 50 ^s	+4° 58'.2

Hourly motion in $\alpha = -1".4$.

Hourly motion in δ small.

The planet $\textcircled{38}$ discovered on the 12th of January will bear the name of *Leda*.

B. A. GOULD, JR.

Cambridge, 1856, March 5.

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