	1849	Beob. Ort.	M. Berl. Zt. der Beob.	Aberr.	Parallaxe in AR. in Decl.	Beobachtete AR. ☿	Beobachtete Decl. ☿	Vergl.	Fehler d. Elem. $\Delta \alpha \cos \delta$ $\Delta \delta$
192	Juni 9	Königsberg	11 ^h 3' 13 ^u	8' 4 ^u 3	—12 ^u 0 —1 ^u 6	176°33' 6 ^u 3	+66°17' 24 ^u 1	6	+ 0 ^u 6 + 5 ^u 0
193		Altona S.	12 24 37	4,7	—12,9 —2,5	35 28,8	18 33,8	5	—14,7 + 4,7
194		Liverpool	14 9 0	5,2	—12,8 —3,4	37 10,5	20 6,3		— 1,3 + 1,1
195	— 10	Kremsmünster	10 42 4	8 11,1	—13,0 —0,2	177 4 31,4	+66 36 43,8		—12,5 +48,9
196	— 11	London	11 9 5	8 18,2	—11,3 +0,1	177 36 57,3	+66 57 30,2		— 4,7 — 1,2

(Fortsetzung folgt).

Schreiben des Herrn *Hartnup's*, Directors der Sternwarte in Liverpool, an den Herausgeber.
Observatory Liverpool 1850. May 16.

On the 7th May I received the circular, which you was kind enough to send me, announcing the discovery of another comet by Dr. *Petersen*. The evening of the 7th was cloudy here. On the 8th it became clear and I found the comet

after a few minutes search. The following are all the observations which I have obtained up to this date, with the Equatoreal of this observatory.

1850	Greenw. M. T.	☿ R. A.	Log. $\frac{P}{P}$	☿ N. P. D.	Log. $\frac{q}{P}$	Star of Comparison.
May 8	12 ^h 34 ^m 20 ^s 4	19 ^h 15 ^m 29 ^s 17	—9,0404	17°39' 58 ^u 4	+8,8421	σ Drac.
9	10 55 45,0	19 13 36,91	—9,1150	17 31 10,1	—9,1510	—
12	10 59 53,5	19 6 32,10	—9,1163	17 3 16,2	—8,8996	τ Drac.
14	14 3 26,6	19 0 24,49	—8,7623	16 44 51,5	+9,4611	—

The observations are corrected for refraction. The corrections to be applied for parallax in time and arc are represented by p and q . P is the Equatoreal horizontal parallax.

The following are the assumed places of the stars of comparison the first is derived from the Greenwich Observations and the second from the Oxford Observations.

	Jan. 1. 1850.	Mean N. P. D.
	Mean R. A.	
σ Draconis	19 ^h 32 ^m 38 ^s 52	20°35' 37 ^u 8
τ Draconis	19 18 24,38	16 55 27,7

Observations of Iris made with the Equatoreal of this Observatory.

1850	Greenw. M. T.	Observ. R. A.	Comp. R. A.	Comp. — Obs.	Obs. N. P. D.	Comp. N. P. D.	Comp. — Obs.
May 9	12 ^h 24 ^m 0 ^s 0	15 ^h 39 ^m 52 ^s 52	15 ^h 39 ^m 52 ^s 64	+0 ^u 12	113° 9' 31 ^u 1	113° 9' 31 ^u 6	+0 ^u 5
12	12 32 41,9	15 36 52,72	15 36 52,94	+0,22	112 56 10,0	112 56 10,7	+0,7
14	12 20 20,2	15 34 52,36	15 34 52,59	+0,23	112 46 59,2	112 46 57,5	—1,7

The observations are corrected for refraction and parallax. The star of comparison for all the observations was 42 Librae. The assumed place for Jan. 1. 1850, derived from the Greenwich twelve-Year Catalogue is

R. A. 15^h 31^m 25^s37 N. P. D. 113°19' 33^u29

The calculated places are derived from the Ephemeris in the supplement to the Nautical Almanac for 1853.

John Hartnup.

Schreiben des Herrn Professors Gerling an den Herausgeber.
Marburg 1850. März 2.

Die in meinem Schreiben in Nr. 703 erwähnte Sternbedeckung erlaube ich mir hier jetzt mitzutheilen, so wie eine zweite seitdem beobachtete

1849	Decbr. 5	47 ρ Leonis *)	Austr. 12 ^h 10 ^m 57 ^s 23 M. Zt. <i>Klinkerfues</i>
1850	Janr. 21	73 ξ^2 Ceti	Eintritt 6 3 39,35 „ <i>Gerling</i>
			39,15 „ <i>Klinkerfues.</i>

*) Ist auf der Altonaer Sternwarte, aber unzuverlässig, von Herrn *Sonntag* beobachtet. Siehe p. 272.

S.