		M. Berl. Zt.	α .	δ .	Vergl.
1851	Sept. 17	9 ^h 48' 50 ^m .7	4 ^h 30' 27 ^m .6	+ 7 ^o 36' 40 ^m .5	9
	25	10 53 37,7	3 2 48,4	7 2 29,7	10
	Oct. 6	9 3 48,3	1 4 35,1	6 11 27,4	15
	9	9 2 32,2	0 33 57,1	+ 5 57 17,4	13

E u n o m i a.

1851	Nov. 14	6 32 19,6	291 55 16,7	—18 50 13,3	10
	17	6 34 15,4	293 7 14,2	—18 33 52,5	10
	22	6 18 38,8	295 9 6,8	—18 5 9,4	15

Beobachtungen am Fraunhofer'schen Equatoreal der Durham's Sternwarte,
von Herrn R. C. Carrington.

E g e r i a.

Set.	1852	Greenw. M. T.	R. A.	Log. $\frac{p}{P}$	N. P. D.	Log. $\frac{q}{P}$	Comps. in	
							R. A.	N. P. D.
1	Janr. 25	13 ^h 48 ^m 46 ^s .7	12 ^h 25 ^m 42 ^s .92	—8,387	68 ^o 58' 51 ^m .3	—9,7722	24	8
2	25	14 22 55,4	25 43,42	8,284	58 48,2	9,7602	18	6
3	28	12 33 21,0	25 54,01	8,514	45 10,8	9,7992	14	6
4	28	13 12 18,6	25 53,81	8,446	44 53,8	9,7806	18	6
5	28	14 41 31,3	25 53,99	8,154	44 32,7	9,7492	15	5
6	30	12 58 28,3	25 51,53	8,460	35 4,7	9,7819	15	7
7	31	12 21 43,9	25 47,25	8,515	30 8,9	9,7973	10	5
8	Febr. 3	12 15 51,1	25 22,82	8,506	14 26,9	9,7921	12	4
9	5	14 2 37,0	24 55,91	8,187	68 3 12,0	9,7432	18	6
10	6	13 39 30,4	24 40,35	8,268	67 57 46,0	9,7480	24	8
11	10	12 36 14,1	23 16,52	8,409	35 34,9	9,7621	24	8
12	10	13 20 6,9	23 15,99	8,277	35 23,5	9,7445	24	8
13	13	13 21 38,5	21 51,26	8,221	67 18 24,3	9,7369	24	8
14	17	12 40 53,3	19 32,96	8,306	66 56 3,9	9,7405	23	8
15	18	12 29 31,7	18 53,54	8,330	50 43,0	9,7423	18	6
16	19	13 24 49,4	18 10,69	8,056	45 4,8	9,7222	24	8
17	25	11 36 23,8	13 31,95	8,391	14 41,7	9,7447	11	4
18	27	12 30 45,3	11 43,63	8,152	66 5 15,3	9,7183	22	7
19	March 2	11 55 16,2	7 56,69	8,233	65 48 53,2	9,7217	17	6
20	3	11 16 9,7	6 58,56	8,356	45 19,3	9,7333	24	8
21	9	11 17 13,8	12 0 42,36	8,249	27 58,1	9,7175	12	6
22	12	12 0 21,0	11 57 24,30	—7,867	22 31,7	9,7006	18	6
23	20	12 4 24,3	48 34,14	+6,888	20 17,5	9,6971	18	6
24	24	11 17 6,1	44 19,40	—7,625	26 6,0	9,6995	18	6
25	27	10 47 36,9	11 41 15,37	—7,898	65 33 32,6	—9,7066	9	3

Corrected for refraction only. The Log-factors for parallax are given, as the ephemeris in the Berliner Jahrbuch was not quite satisfactory.

Assumed mean places of stars of comparison 1852,0.

Set.	Name.	R. A.	N. P. D.
1	From Bessel's Zone 362	12 ^h 23 ^m 52 ^s .56	68 ^o 57' 26 ^m .6
2	_____	29 24,87	56 56,6
3	Anonymous. 9th Mag.	26 3,00	44 55,0
4	From Bessel's Zone 467	20 39,15	49 31,0
5	_____	30 52,32	43 8,9
6. 7	_____	31 13,12	27 51,0
8	_____	12 24 44,42	68 15 43,3

Set.	Name.	R. A.	N. P. D.
9	B. A. C. 4260 (Edinb. obs.)	12 ^h 31 ^m 45 ^s 50	68 ^o 7' 21 ^u 0
10	Lalande 23596	29 48,00	67 59 7,0
11	From Bessel's Zone 467	27 23,99	38 1,8
12	Anonymous. 8th Mag.	24 9,80	36 14,0
13	From Bessel's Zone 467	22 55,47	13 52,2
14	—————	17 3,98	67 0 30,7
15	Anonymous 9½ Mag.	17 17,67	66 48 32,4
16	From Bessel's Zone 412	14 56,77	42 52,4
17, 18	B. A. C. 4141	11 50,50	66 8 32,4
19, 20	From Bessel's Zone 412	4 13,84	65 51 8,1
21, 22	————— 412	12 0 30,09	28 26,5
23, 24	————— 353	11 45 14,32	23 44,4
25	————— 353	11 32 42,72	65 34 55,6

N o t e s.

Set 1. Egeria pretty 10th Magnitude.

Set 5, 23, 24. Sky foggy, and planet dim.

Set 6, 7, 9, 14, 15, 16. Windy. Boisterous. The hearing-tube used.

Set 8, 17, 25. Measures interrupted by cloud. On other nights circumstances were favourable.

F l o r a.

Set.	1852	Greenw. M. T.	R. A.	Exc. of Eph.	N. P. D.	Exc. of Eph.	No. of Comps. in	
							R. A.	N. P. D.
1	March 2	12 ^h 50 ^m 19 ^s 9	12 ^h 49 ^m 50 ^s 72		85 ^o 50' 17 ^u 2		24	8
2	3	12 6 35,7	49 11,21		85 43 7,2		18	6
3	9	12 28 14,6	44 37,28	— 9 ^s 77	84 57 23,5	— 57 ^u 4	18	6
4	24	14 38 24,7	12 30 38,68	— 10,06	83 3 3,9	— 53,8	18	6

Corrected for refraction and parallax, and compared with the ephemeris circulated by the superintendent of the Nautical Almanac.

Assumed mean places of stars of comparison: 1852,0.

Set.	Name.	R. A.	N. P. D.
1	B. A. C. 4340	12 ^h 48 ^m 9 ^s 16	85 ^o 47' 50 ^u 2
2	Weisse 12 ^h 787	12 46 8,98	84 57 19,8
3	———— 12 536	12 32 12,23	83 4 8,5

N o t e s.

Set 1. Good observation. Flora about 9½ Magnitude. — Set 4. Sky very changeable. Measures obtained with difficulty.

These are the last observations which I shall have the honour to send to the *Astron. Nachr.*, from the observatory of Durham, as I am about to remove to the South of England.

Durham. April 3.

R. C. Carrington.

Beobachtungen des neuen Planeten auf der Sternwarte in Neapel, von Herrn Professor *de Gasparis*.

(Fortsetzung zu Nr. 801 pag. 148)

	M. Zt. Neapel.	AR. app.	Decl. app.	Vergl.
1852 März 24	7 ^h 59 ^m 20 ^s 1	9 ^h 54 ^m 32 ^s 4	+13 ^o 14' 4 ^u	5
27	8 12 11,2	9 53 20,6 :	+13 22 14 :	5
29	8 40 3,6	9 52 38,2	+13 27 3	6
30	9 8 45,8	9 52 18,5	+13 29	3