Observations of *Euterpe* and *Lutetia*,
taken with the 8½ inch Equatorially mounted refractor of the Liverpool Observatory.

E u t e r p e.

1853	Greenw. M. T.	R. A.	Log. $\frac{p}{P}$	N. P. D.	Log. $\frac{q}{P}$	Star of Comp.
Nov. 16	9 ^h 23 ^m 50 ^s .2	3 ^h 11 ^m 23 ^s .91	—8,364	74° 20' 19".8	—9,8034	B. A. C. 986
—	9 33 48,2	23,30	8,335	20,7	9,8008	— 1087
—	10 9 41,3	22,15	8,199	26,9	9,7929	— 986
—	10 21 39,0	21,22	8,140	29,3	9,7906	— 1087
—	10 46 34,3	3 11 20,37	7,977	74 20 31,0	9,7073	α Tauri.
17	8 45 1,6	3 10 25,18	8,446	74 23 15,2	9,8127	B. A. C. 986
—	9 4 57,9	24,29	8,409	17,6	9,8076	—
—	9 14 56,1	23,73	8,375	20,0	9,8049	— 1087
—	9 34 52,1	22,64	8,315	24,2	9,7997	—
—	10 0 47,0	3 10 21,79	8,222	74 23 25,0	9,7942	α Tauri.
20	9 32 4,0	3 7 23,92	8,273	74 32 4,4	9,8082	B. A. C. 870
—	9 44 1,8	23,49	8,226	6,4	9,7958	— 986
—	9 55 59,5	23,06	8,171	8,1	9,7935	—
—	10 7 57,3	22,36	8,106	12,0	9,7917	— 1087
—	10 33 52,1	21,17	7,916	16,6	9,7883	—
—	11 1 46,9	3 7 20,23	7,511	74 32 18,8	9,7865	α Tauri.
26	8 1 4,9	3 1 50,75	8,443	74 47 41,9	9,8171	B. A. C. 870
—	8 30 59,7	49,69	8,374	45,4	9,8081	—
—	8 45 56,9	49,25	8,331	47,3	9,8042	— 1328
—	10 5 41,8	3 1 46,11	—7,906	74 47 54,0	—9,7901	—

L u t e t i a.

Nov. 26	16 1 42,8	10 22 46,51	—8,350	77 3 18,8	—9,8242	α Leonis.
—	16 35 38,1	47,46	8,233	24,2	9,8178	—
—	17 12 34,1	48,48	8,038	28,3	9,8128	—
—	17 46 29,9	10 22 49,36	—7,697	77 3 30,4	—9,8103	—

Lutetia was exceedingly faint.

The following are the assumed mean places of the stars of comparison for 1853,0.

	R. A.	N. P. D.	Authority.
B. A. C. 870	2 ^h 41 ^m 5 ^s .74	73° 8' 59".36	Greenwich Observations.
— 986	3 3 13,79	70 49 57,04	— — —
— 1087	3 22 45,83	77 34 14,82	Greenw. 12 year Catalogue.
α Tauri	4 27 29,38	73 47 26,03	Greenwich Observations 1851.
α Leonis	10 0 32,35	77 18 58,59	— — —
B. A. C. 1328	4 11 25,96	74 43 53,06	Greenwich Observations.

Liverpool Observatory 1853, December 1.

John Hartnup.