Schreiben des Herrn *John Tebbutt*, Directors der Sternwarte zu Windsor, an den Herausgeber.

I succeeded in discovering *Encke's Comet* on the evening of the 24th ultimo with the help of a rough calculation founded on the elements in № 1326 of the „*Astronom. Nachrichten*“ and assuming the perihelion passage to occur on the 1st June. I found it after a short search, but at a considerable distance from the calculated place. It was about two minutes in diameter, faint, and without the slightest condensation of light in the centre. An ephemeris was received from Europe on the 30th ultimo by means of which I was enabled to find the comet again after the full moon; it was, however, so faint as to be badly distinguishable. The two determinations of position which I send are the best obtained, and may possibly be of some value.

Windsor, New South Wales. *John Tebbutt jun.*
1865 July 20th.

Ring-micrometer Observations of *Encke's Comet*.

1865	Windsor M. T.	Comet—Star AR	NPD	Comets apparent AR	NPD
June 24	6 ^h 56 ^m 46 ^s	+3 ^m 54 ^s 8	-14'25"	7 ^h 56 ^m 54 ^s 7	93°4'36"
29	7 5 34	-5 0,7	+0 44	8 35 0,1	103 4 16

The first position is the result of 2 comp. with B.A.C. 2660 and the second the result of 3 compar. with B.A.C. 2975.—

Mean places of the stars of comparison for the beginning of the year, and apparent places for the times of observation.

	AR		NPD	
	mean	appar.	mean	appar.
B.A.C.2660 ==	7 ^h 52 ^m 59 ^s 2	(59 ^s 9)	93°18'47"	(61")
≈ 2975 ==	8 40 0.0	(0,8)	103 3 15	(32)

Observations of „*Clio*“ (84) made with a ring-micrometer at the Durham Observatory.

By *M. R. Dolman*, Observer.

	Greenw. M. T.	Nr. of Comp.	App. AR	App. N. P. D.	Star of Comparison
1865 Sept. 10	10 ^h 59 ^m 10 ^s	6	21 ^h 21 ^m 58 ^s 36	102°45'48"3	W. B. XXI. 518.
10	10 59 10	6	21 21 58,89	102 45 47,0	W. B. XXI. 418.
13	9 6 12	6	21 20 37,10	102 27 5,2	B. A. C. 7459.
13	10 13 44	6	21 20 36,11	102 26 52,9	=
14	9 20 20	10	21 20 13,95	102 20 24,7	=
15	11 29 59	8	21 19 51,52	102 13 23,6	B. A. C. 7451.
16	8 27 39	8	21 19 34,54	102 7 48,9	B. A. C. 7459.
17	10 21 8	10	21 19 17,18	102 0 42,1	B. A. C. 7451.
18	11 3 31	8	21 19 2,74	101 53 59,7	=

Assumed mean places of Comparison Stars.

W. B. XXI. 518.	21 ^h 23 ^m 10 ^s 26,	103° 0' 25"5
XXI. 418.	21 19 4,85	102 40 3,6
B. A. C. 7451.	21 20 19,98	102 14 54,2
= 7459.	21 20 55,18	102 9 8,9.

Elements of the orbit of *Clio* (84).

Epoch: 1865 Sept. 10,45284 Greenwich Time.

$$M = 358^{\circ}59'53''7$$

$$\Omega = 327 22 40,7$$

$$\pi = 336 26 16,1$$

$$i = 9 24 47,1$$

$$\phi = 13 17 44,3$$

$$\log a = 0,3703356.$$

$$\mu = 987''421.$$

Ephemeris for Greenwich Noon.

1865	AR	N. P. D.	log Δ
Sept. 26,0	21 ^h 18 ^m 36 ^s 8	101° 3' 2"	9,97984
27,0	21 18 43,3	100 56 5	

1865	AR	N. P. D.	log Δ
Sept. 28,0	21 ^h 18 ^m 53 ^s 3	100°49' 5"	
29,0	21 19 5,3	100 42 3	
30,0	21 19 19,4	100 34 58	9,99307
Oct. 1,0	21 19 35,8	100 27 51	
2,0	21 19 54,5	100 20 41	
3,0	21 20 15,5	100 13 48	
4,0	21 20 38,6	100 6 14	0,00670
5,0	21 21 3,9	99 58 57	
6,0	21 21 31,5	99 51 36	
7,0	21 22 1,1	99 44 13	
8,0	21 22 32,7	99 36 48	0,02063
9,0	21 23 6,4	99 29 20	
10,0	21 23 42,1	99 21 49	
11,0	21 24 19,9	99 14 16	
12,0	21 24 59,7	99 6 39	0,03476
13,0	21 25 41,5	98 59 0	
14,0	21 26 25,0	98 51 17	
15,0	21 27 10,3	98 43 31	
16,0	21 27 57,6	98 35 42	0,04902

Observatory Durham.

M. R. Dolman.