

*HIND'S Second Comet.**Observations.*

BERLIN.

	Berlin M.T.	R.A.	Dec.
	^h ^m ^s	^h ^m ^s	^h ^m ^s
1847. April 24	8 48 22.5	36° 25' 12"	+ 32° 6' 28" <i>Good.</i>

Elements.

By Mr. W. W. Boreham.

Perihelion Passage, 1847, March 30.26746, Greenwich M.T.

π	27 ^o 14' 42".3	} Mean Eq. 1847.0.
Ω	21 51 46.4	
i	48 39 52.8	
Log. q	8.6217987.	Motion direct.

These elements are calculated on Mr. Hind's observations of February 7 and 26, and March 15.

Calculation—Observation.

$$d \alpha'' \cos \beta'' = -16''.06 \quad d \beta'' = -19''.68$$

*COLLA'S Comet.**Observations.*

VIENNA.

	Vienna M. T.	R. A.	Dec.
	^h ^m ^s	^h ^m ^s	^h ^m ^s
1847. May 15	10 6 44.8	16 2 39.24	+ 38° 33' 1".8
16	10 5 1.0	2 25.04	38 48 15.4
17	9 24 19.6	2 13.13	39 3 58.1
18	9 35 32.6	10 2 3.77	+ 39 19 29.5

(Prof. Littrow.)

PADUA.

	Padua M. T.	R. A.	Dec.
	^h ^m ^s	^h ^m ^s	^h ^m ^s
1847. May 13	13 16 26	10 3 15.45	+ 37° 58' 28"

(Prof. Santini.)

HAMBURG.

	Hamburg M. T.	R. A.	Dec.
	^h ^m ^s	^h ^m ^s	^h ^m ^s
1847. May 21	12 50 2	15° 27' 24".4	+ 40° 5' 50".8

(M. Rümker.)

SOUTH VILLA.

	Greenwich M. T.	R. A.	Dec.
	^h ^m ^s	^h ^m ^s	^h ^m ^s
1847. May 29	10 12 1	15° 39' 35".7 + 0.783 p	+ 41° 47' 24".2 + 0.433 p
	30 10 54 4	15° 43' 17".6 + 0.824 p	41 59 17.7 + 0.497 p

(MM. Bishop & Hind.)

The coefficient of the parallax is given, that the correction due to it may be applied to the observations when the value of p is ascertained from an approximate orbit.

Elements.

By Mr. Hind.

" The following elements appear to be a very close approxi-