

Discovery of two New Minor Planets ⁽¹²²⁾ and ⁽¹²³⁾.

By Prof. C. H. F. Peters.

(From a Letter to the Astronomer Royal.)

Of two unknown planets, found both on the night of July 31, and which may be called ⁽¹²²⁾ and ⁽¹²³⁾ provisionally, I have succeeded in making the following observations (omitting a rough estimation of position of ⁽¹²³⁾ on the first night) :—

1. Planet ⁽¹²²⁾.

1872.	H. C. M. T.	App. α	App. δ
	^h ^m ^s	^h ^m ^s	[°] ['] ["]
July 31	15 9 37	21 48 56.47	— 11 41 54.9
Aug. 1	11 32 49	48 22.36	45 1.8
2	12 42 0	47 39.73	48 57.4
3	12 1 16	46 59.52	52 38.2
4	12 1 18	46 17.64	11 56 31.0
5	11 57 8	45 35.47	12 0 21.1
7	12 7 10	44 9.32	8 13.1
8	11 9 40	21 43 28.11	— 12 12 4.4

2. Planet ⁽¹²³⁾.

1872.	H. C. M. T.	App. α	App. δ
	^h ^m ^s	^h ^m ^s	[°] ['] ["]
Aug. 1	12 8 29	21 57 30.53	— 10 4 55.3
2	13 22 13	56 39.73	6 42.3
4	11 31 8	55 4.91	10 15.5
5	12 53 38	54 11.34	12 15.0
7	13 8 15	52 27.13	16 16.9
8	12 2 38	21 51 37.20	— 10 18 17.3

The magnitude of ⁽¹²²⁾ I estimated 11.5, that of ⁽¹²³⁾ a little less, perhaps 12.0.

Litchfield Observatory of Hamilton College,
Clinton, N. Y., Aug. 9, 1872.

Discovery of Minor Planet ⁽¹²⁴⁾. By Prof. C. H. F. Peters.

(From a Letter to Sir G. B. Airy, Astronomer Royal.)

Another new planet was found on 23 August, bright, of tenth magnitude. I communicate the following positions of the same, obtained by the filar micrometer:

1872.	Ham. Coll.	α (¹²⁴)	δ (¹²⁴)	No. of Com.
	M. T. ^h ^m ^s	^h ^m ^s	[°] ['] ["]	
August 23	12 28 7	22 21 23.61	— 7 18 28.8	10
" 24	13 22 50	22 21 21.66	7 18 42.3	5
" 25	12 7.44	22 19 44.45	— 7 30 13.4	10

Litchfield Observatory of Hamilton College,
Clinton, Oneida Co., N. Y., August 26, 1872.