

"The first observation being made with a small refractor, is less worthy of confidence than the others made with the great refractor of Amici (aperture 0<sup>m</sup>·28, focal distance 5<sup>m</sup>·2.)

"The comet is very faint, and has no indication of nucleus or tail."

*Observations of Hestia at 2 South Parade, Oxford.*

By Norman Pogson, Esq.

| 1857.   | Oxford M.T.                            | App. R.A.                              | Log. Par. $\times \Delta$ | App. Dec.                              | Log. Par. $\times \Delta$ |
|---------|----------------------------------------|----------------------------------------|---------------------------|----------------------------------------|---------------------------|
|         | <sup>h</sup> <sup>m</sup> <sup>s</sup> | <sup>°</sup> <sup>'</sup> <sup>"</sup> |                           | <sup>°</sup> <sup>'</sup> <sup>"</sup> |                           |
| Aug. 16 | 9 49 10                                | 305 6 47·4                             | -0·079                    | -16 20 53·7                            | +0·898                    |
|         | 10 47 24                               | 305 6 24·2                             | +9·287                    | -16 21 2·0                             | +0·900                    |
|         | 12 29 51                               | 305 5 40·4                             | +0·412                    | -16 21 18·4                            | +0·890                    |
|         | 17 12 17 56                            | 304 54 53·1                            | +0·386                    | -16 25 22·0                            | +0·892                    |

Magnitude 11·3

The comparison stars reduced to 1857·0 were

|            |      | Mean R.A.                              | Mean $\delta$                          |
|------------|------|----------------------------------------|----------------------------------------|
|            |      | <sup>°</sup> <sup>'</sup> <sup>"</sup> | <sup>°</sup> <sup>'</sup> <sup>"</sup> |
| A Z 249·62 | 7    | 305 40 39·0                            | -16 14 47·6                            |
| A Z 249·55 | 9·10 | 304 6 50·0                             | -16 28 2·4                             |

The observations were made with a ring-micrometer, and corrected for refraction and the planet's motion.

The forty-sixth minor planet, since named *Hestia* on the suggestion of Admiral Smyth, was discovered by Mr. Pogson at his private residence, No. 2 South Parade, Oxford, and not at the Radcliffe Observatory, as stated by an oversight in the last *Monthly Notice*. The discovery was made with the 5-foot Smythian telescope of the Hartwell House Observatory, kindly lent by Dr. Lee to Mr. Pogson for private use. Mr. Pogson was similarly indebted to Mr. Frodsham for the chronometer which he employed in his observations.—[EDITOR.]

*Elements of Comet VI. 1857. By M. Pape.\**

|          |   |                                            |
|----------|---|--------------------------------------------|
| T        | = | Nov. 19 <sup>c</sup> 7874, M.T. Berlin.    |
| $\pi$    | = | 44 15 25 <sup>1</sup> Mean Equinox, 1857·0 |
| $\Omega$ | = | 159 18 40 <sup>1</sup>                     |
| $i$      | = | 57 50 1                                    |
| Log $q$  | = | 0·003976                                   |

Motion retrograde.

These elements have been calculated from the Florence obser-

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