ROYAL ASTRONOMICAL SOCIETY.

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J. C. Adams, Esq., President, in the Chair.
Rev. W. C. Williams, North London Collegiate School; and Richard Lee, Esq., Wheatley, Oxon, were balloted for and duly elected Fellows of the Society.

DISCOVERY OF THALIA.

On the evening of December 15th, at 6h 30m mean time, Mr. Hind detected, at Mr. Bishop's Observatory, another small planet, belonging to the group between Mars and Jupiter. Like Calliope, this planet has been brought to light by means of the eclipitical star-maps, which are now in course of publication from the above Observatory. The following are the early observations of the planet, which has been named Thalía by Mr. Bishop. It shines as a star of between the tenth and eleventh magnitudes, with a pale watery light.

<table>
<thead>
<tr>
<th>Date</th>
<th>Greenwich M.T.</th>
<th>App. R.A.</th>
<th>App. N.P.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dec. 15</td>
<td>7 18 39</td>
<td>3 12 49'8</td>
<td>73 10 16'4</td>
</tr>
<tr>
<td>5</td>
<td>8 42 2</td>
<td>2 70'</td>
<td>3'9</td>
</tr>
<tr>
<td>17</td>
<td>6 2 6</td>
<td>3 10 48'23</td>
<td>73 3 26'0</td>
</tr>
<tr>
<td>20</td>
<td>6 17 14</td>
<td>3 9 4'87</td>
<td>72 52 3'9</td>
</tr>
</tbody>
</table>

LUTETIA.

Elements.

By M. George Rümker, from the Observations at Paris, Nov. 18; and at Hamburg, Nov. 28 and Dec. 3.

M = 61 29 23'3 1852, Dec. 0, Berlin M.T.
\( \sigma = 309 53 19'4 \) 1853, Jan. 0,
\( \Omega = 78 38 48'4 \) Mean Equinox
I = 3 19 49'7
\( \phi = 19 51 55'2 \)
Log \( a = 0.4157699 \) Log \( \mu = 2.9263517 \)

An ephemeris, from Dec. 6 to Jan. 5, was sent at the same time, which has been communicated to the principal observers.