Occultations observed at Windsor, N. S. Wales, in the year 1876, with the 4½-inch Equatereal. By J. Tebbutt, Esq.

<table>
<thead>
<tr>
<th>Date of Obs.</th>
<th>Star.</th>
<th>Disapp. or Reapp.</th>
<th>Observatory Mean Time</th>
<th>Estimated angle from Moon's N. Cusp.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 2</td>
<td>Spica</td>
<td>D</td>
<td>12 34 7'2</td>
<td>80 E.</td>
<td>Disappearance instantaneous. Obs. a small fraction of a second late.</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>R</td>
<td>13 39 5'2</td>
<td>80 W.</td>
<td>Obs. not so good as that of the disappearance.</td>
</tr>
<tr>
<td>July 3</td>
<td>Antares</td>
<td>D</td>
<td>12 14 41'0</td>
<td>50 E.</td>
<td>About one-tenth of a second late.</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>R</td>
<td>13 7 32'9</td>
<td>45 W.</td>
<td>Good observation.</td>
</tr>
<tr>
<td>Aug. 26</td>
<td>Star, 8 mag.</td>
<td>D</td>
<td>7 58 11'7</td>
<td>80 E.</td>
<td>Disappearance instantaneous.</td>
</tr>
<tr>
<td>26</td>
<td>Star, 8½ mag.</td>
<td>D</td>
<td>8 46 54'6</td>
<td>45 E.</td>
<td>Star extremely faint, and observation uncertain to a second or two.</td>
</tr>
<tr>
<td>26</td>
<td>Star, 8 mag.</td>
<td>D</td>
<td>8 53 6'1</td>
<td>45 E.</td>
<td>Star faint.</td>
</tr>
<tr>
<td>26</td>
<td>Star, 7 mag.</td>
<td>D</td>
<td>9 1 44'0</td>
<td>50 E.</td>
<td>Very good observation.</td>
</tr>
<tr>
<td>26</td>
<td>Star, 4½ mag.</td>
<td>D</td>
<td>9 45 1'4</td>
<td>120 E.</td>
<td>Disappearance instantaneous.</td>
</tr>
<tr>
<td>26</td>
<td>Star, 8 mag.</td>
<td>D</td>
<td>9 49 51'7</td>
<td>100 E.</td>
<td>Star rather faint.</td>
</tr>
<tr>
<td>26</td>
<td>Star, 5½ mag.</td>
<td>D</td>
<td>10 10 10'0</td>
<td>100 E.</td>
<td>Disappearance instantaneous.</td>
</tr>
<tr>
<td>Oct. 28</td>
<td>λ Aquarii</td>
<td>D</td>
<td>7 50 21'6</td>
<td>45 E.</td>
<td>The instant of disappearance was lost owing to momentary removal of eye from telescope. The disappearance could not have taken place more than two seconds previously to the recorded time.</td>
</tr>
<tr>
<td>28</td>
<td></td>
<td>R</td>
<td>9 12 51'4</td>
<td></td>
<td>A small fraction of a second late.</td>
</tr>
<tr>
<td>28</td>
<td>78 Aquarii</td>
<td>D</td>
<td>9 30 39'7</td>
<td>45 E.</td>
<td>Disappearance instantaneous.</td>
</tr>
</tbody>
</table>

P.S.—Vulcan was searched for by me at short intervals on the 22nd and 23rd ult., and occasionally on the 24th, but without success.

Windsor, April 5, 1877.