

Lætmogone wyville-thomsoni, Théel.

- Fig. 14. Large wheel, seen from above ; diameter about 0·14 mm.
 „ 15. Small wheel, seen from above ; diameter 0·04 mm.
 „ 16. Spicula from the ventral perisoma ; length about 0·38 mm.

PLATE XXXII.

Pannychia moseleyi, n. sp.

- Fig. 1. Large wheel, from above ; diameter 0·24 mm.
 „ 2. The second stage in the development of a large wheel, presenting the four-armed crown already formed ; the ends of the arms are connected with one another so as to give rise to a ring which becomes the nave.
 „ 3. The first stage in the development of a large wheel, showing a four-armed spiculum, the arms of which grow larger and constitute the crown.
 „ 4. A later stage in the development of a large wheel, showing the nave nearly fully developed ; the spokes are indicated by a series of outgrowths or processes round the margin of the nave. The space enclosed by the dotted lines marks a thicker portion, which is the centre of the growth of the nave, and which doubtless is the original ring formed by the arms of the crown which are being linked together.
 „ 5. Small wheel-shaped plate ; diameter 0·052 mm.
 „ 6. The central part of a large wheel, from above, showing that the large central hole is covered with a very thin calcareous membrane, pierced by six minute holes ; the dotted lines mark the crown composed of six arms, seen through the thin membrane just mentioned.
 „ 7. Perforated plate from the dorsal processes ; diameter 0·092 mm.
 „ 8. Irregular, perforated plate from the ends of the dorsal processes ; diameter 0·092 mm.
 „ 9. Spicula from the ends of the dorsal processes.
 „ 10. Spicula from the tentacles.
 „ 11. Calcareous terminal plate from the ends of the pedicels.
 „ 12. Irregular net-shaped bodies, lying outside the former and evidently formed by outgrowths of small wheel-shaped plates, which gradually change their original form so that they finally vanish.
 „ 13. Calcareous network from the madreporic canal.

Scotoplanes albida, n. sp.

- „ 14. Straight, spinous spiculum measuring about 0·57 mm. ; and C-shaped bodies from 0·056 mm. to 0·1 mm. in length.
 „ 15. Spicula from the pedicels.