

Fig. 3. Transverse section of the dorsal perisoma to show the termination of the madreporic canal and the reproductive organs. *a*, pores of the madreporic canal; *b*, genital pore; *x*, perisoma; *A*, madreporic canal; *B*, efferent duct of the genital organs.

„ 4. Calcareous deposits from the madreporic canal.

*Benthodytes typica*, n. sp.

„ 5. Transverse section of the dorsal perisoma, showing the termination of the madreporic canal. *a*, that part of the madreporic canal which pierces the perisoma; *b*, funnel-shaped hollow in the dorsal integument; *c*, calcareous network surrounding the pore of the madreporic canal; *d*, spicula; *e*, epidermis; *f*, circular muscular fibres with epithelial lining; *g*, connective tissue.

*Ilyodæmon maculatus*, Théel.

„ 6. Transverse section of the dorsal perisoma showing the termination of the madreporic canal and the reproductive organs. *A*, madreporic canal; *B*, efferent duct of the reproductive organs; *a*, pores of the madreporic canal; *b*, genital process; *e*, epidermis; *f*, circular muscular fibres with epithelial lining; *g*, connective tissue.

„ 7. The pores of the madreporic canal and the genital process, seen from above. *s*, pores of the madreporic canal; *g*, genital process.

„ 8. Calcareous deposits from the madreporic canal.

*Lætmogone wyville-thomsoni*, Théel.

„ 9. Termination of the madreporic canal and the reproductive organs. *A*, madreporic canal; *B*, efferent duct of the reproductive organs; *a*, papillæ communicating with the madreporic canal; *b*, genital process; *c*, branch of the genital process.

*Orphnurgus asper*, Théel.

„ 10. View of the madreporic plate and the terminal part of the madreporic canal; seen from below.

*Oneirophanta mutabilis*, Théel.

„ 11. Side view of the madreporic canal. *a*, madreporic canal; *b*, efferent duct of the reproductive organs; *e*, mesentery; *m*, circular water-vessel; *x*, inner surface of the body-wall; *y*, madreporic tubercle.

„ 12. View of the madreporic tubercle, seen from below.

*Benthodytes sordida*, n. sp.

„ 13. Calcareous deposits from the madreporic canal.