

PLATE LI.

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Fig. 1. *Latrunculia apicalis* from Kerguelen, section taken at right angles to the surface, through a raised pore-area and an oscular projection; *ect.*, ectosome; *ch.*, choanosome; *p.*, pores, on the top of a raised pore-area; *i.c.*, large inhalent canal; *f.c.*, flagellated chambers; *e.c.*, large exhalent canal, or oscular tube; *o.*, osculum; *d.*, dermal skeleton of discastra; *g.c.*, groups of glandular (?) cells in the ectosome; *e.*, embryos; × 15, xxxii, xxxix, xliv, &c.

Fig. 1a. Small portion of section of choanosome, more highly magnified; *i.c.*, inhalent lacunæ; *f.c.*, flagellated chambers; *e.c.*, exhalent lacunæ; *e.o.*, openings of flagellated chambers into exhalent lacunæ; × 284.

Fig. 1b. Small portion of section of ectosome, more highly magnified; *d.*, discastra of the dermal skeleton; *f.t.*, fibrous tissue in which the bases of the discastra are imbedded; *v.c.*, vesicular cells; *g.c.*, glandular (?) cells; × 284.

The spicules are printed in blue.