

PLATE III.

Figures 1, 2.— <i>Leucosolenia poterium</i> , Hæckel, sp.	Diam.
Fig. 1. Portion of a section through a colonial specimen, showing a spermospore lying in the mesoderm,	× 500
Fig. 2. A spermospore with ripe spermatozoa,	× 1200
,, 3.— <i>Leucosolenia blanca</i> , Miklucho-Maclay.	
Large coarse-grained amoeboid cells of the peduncle,	× 500
,, 4.— <i>Leucosolenia challengeri</i> , n. sp.	
(a) A triradiate spicule from the interior part of the colony,	× 400
(b) A triradiate spicule from the outer surface,	× 400
(c) Do. profile view,	× 400
(d, e) Do. embryonal,	× 400
,, 5.— <i>Sycon arcticum</i> , Hæckel.	
Portion of a horizontal section, showing the course of the radial tubes and intercanals,	× 50
,, 6–13.— <i>Grantia tuberosa</i> , n. sp.	
Fig. 6. Portion of a horizontal section,	× 50
Fig. 7. Portion of the wall of a radial tube with its pores,	× 400
Fig. 8. Gastric quadriradiate spicules (<i>b</i> , embryonal),	× 200
Fig. 9. (a) A subgastric triradiate spicule,	× 200
(b) A subgastric quadriradiate spicule,	× 200
Fig. 10. Tubar triradiate spicules (<i>b</i> , <i>c</i> , embryonal),	× 200
Fig. 11. Acerate spicules (<i>b</i> , embryonal),	× 200
Fig. 12. Sagittal triradiate spicules of the cortex (<i>a</i> , embryonal),	× 200
Fig. 13. Irregular triradiate spicules of the cortex,	× 200