

PLATE II.

*Ianthella flabelliformis*, Pallas.

- Fig. 1. Portion of the outer surface, . . . . . × 6
- Fig. 2. Portion of the skeleton of the leaf-like extension ; natural size.
- Fig. 3. Portion of the skeleton of the stem ; natural size.
- Fig. 4. Portion of a section showing the arrangement of the canal system, . . . . . × 200
- Fig. 5. Portion of a section with two flagellated chambers, showing histological elements of the connective tissue,—*Am*, amœboid cells ;  
*St*, stellate and fusiform cells, . . . . . × 600
- Fig. 6. Portion of the outer surface (from above) showing the subdermal aggregations of fusiform cells and conjectural gland-cells, . . . . . × 600
- Fig. 7. Portion of a longitudinal section through the horny walls of a skeletal fibre, . . . . . × 700