

- Fig. 1. Side view of a portion of the pen ; natural size.
- Fig. 2. Dorsal view of a portion, anterior to the last ; natural size.
- Fig. 3. Section through the anterior part of fig. 1 ; natural size.
- Fig. 4. Section through another portion situated some distance behind that shown in fig. 1 ; natural size.
- Fig. 4a. Section through the anterior part of fig. 2 ; natural size.
- Fig. 5. Section through the extremity of the smallest portion in the collection ; natural size.

Figs. 6-10. *TRACHELOTEUTHIS* (?) sp.,

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- Fig. 6. Dorso-lateral view of a specimen, which had been mounted as a microscopic object, and was much compressed ; magnified 4 diameters.
- Fig. 7. Similar view of another specimen, which had been preserved in alcohol ; magnified 4 diameters.
- Fig. 8. Dorsal aspect of the head, showing the prominent lip between the arms ; magnified 7 diameters.
- Fig. 9. Ventral view of the siphon, showing the pits for articulation with the mantle ; magnified 20 diameters.
- Fig. 10. The posterior extremity, showing the form of the pen and the fins ; magnified 4 diameters.

Figs. 11-14. *CRANCHIA REINHARDTII*, Steenstrup,

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- Fig. 11. Ventral aspect of the head and anterior part of the mantle ; magnified 4 diameters.
- Fig. 12. The extremity of the tentacle ; magnified 20 diameters.
- Fig. 13. One of the larger suckers from the tentacle ; magnified 200 diameters.
- Fig. 14. One of the smaller suckers from the tentacle ; magnified 200 diameters.