

PLATE XXXIII.

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Figs. 1-11. *TAONIUS HYPERBOREUS*, Steenstrup,

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- Fig. 1. Dorsal view of the type specimen ; one-half natural size.
- Fig. 2. Front view of an enlarged sucker, from one of the lateral arms ; magnified 4 diameters.
- Fig. 3. Side view of the same sucker ; magnified 4 diameters.
- Fig. 4. Front view of a similar sucker ; less enlarged.
- Fig. 5. Side view of the same sucker as fig. 4 ; less enlarged.
- Fig. 6. The inner aspect of the tentacular club ; natural size.
- Fig. 7. A portion of the stem ; enlarged to show the suckers and fixing-cushions.
- Fig. 8. Three views of a large tentacular sucker ; somewhat magnified.
- Fig. 9. Front view of a similar sucker ; magnified about 10 diameters.
- Fig. 10. A sucker and fixing-cushion from the stem of the tentacle ; magnified about 30 diameters.
- Fig. 11. The gladius of a smaller specimen from the "Porcupine" collection ; natural size.

Figures 1, 4, 5, 6, 7, 8, were drawn by Mr. Thornam from the type specimen in the Copenhagen Museum.

Figs. 12-15. *CALLITEUTHIS REVERSA*, Verrill,

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- Fig. 12. The right tentacular club ; magnified about 5 diameters.
- Fig. 13. One of the larger tentacular suckers ; magnified 40 diameters.
- Fig. 14. A portion of the horny ring and papillary area ; magnified 250 diameters.
- Fig. 15. Dorsal and lateral views of the gladius ; natural size.