

PLATE XVI.

Figs. 1-12. *SEPIA SMITHI*, n. sp.,

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- Fig. 1. Dorsal view of one of the larger specimens ; natural size.
Fig. 2. Ventral view of the head and siphon ; natural size.
Fig. 3. View of the median aspect of the left tentacular club ; natural size.
Fig. 4. View of the lateral aspect of the other club, to show the swimming-web and both protective membranes ; natural size.
Fig. 5. Ventro-lateral view of the left tentacular club, showing one of the protective membranes (on the left of the figure) and the swimming-web on the right ; natural size. This and the two preceding figures were taken from a somewhat larger specimen, whose mantle measured 85 mm. in length.
Fig. 6. A sucker from one of the sessile arms ; magnified about 20 diameters.
Fig. 7. A similar sucker ; magnified 20 diameters.
Fig. 8. One of the tentacular suckers ; highly magnified.
Fig. 9. One tooth of the horny ring and the adjacent papillary area ; magnified 200 diameters.
Fig. 10. Ventral aspect of the shell ; natural size.
Fig. 11. Lateral aspect of the shell ; natural size.
Fig. 12. Dorsal aspect of the shell ; natural size.

Figs. 13-23. *SEPIA PAPUENSIS*, n. sp.,

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- Fig. 13. Dorsal view of the larger specimen ; natural size.
Fig. 14. View of the ventral surface of the head and siphon ; natural size.
Fig. 15. Tentacular club ; magnified 6 diameters.
Fig. 16. Dorsal mandible ; natural size.
Fig. 17. Ventral mandible ; natural size.
Fig. 18. A tentacular sucker ; magnified 20 diameters.
Fig. 19. A sucker of a sessile arm, seen from the side ; magnified 20 diameters.
Fig. 20. Another sucker from a sessile arm, seen from the front ; magnified 20 diameters.
Fig. 21. Dorsal view of the shell ; natural size.
Fig. 22. Ventral view of the shell ; natural size.
Fig. 23. Lateral view of the shell ; natural size.