

PLATE XV.

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Figs. 1-9. *ROSSIA OWENI*, Ball, 114

- Fig. 1. Dorsal view of a female specimen ; natural size.
- Fig. 2. The left dorsal arm of a male, showing the form of hectocotylisation ; magnified 2 diameters.
- Fig. 3. A large sucker from one of the lateral arms of the male, seen from the side ; magnified 7 diameters.
- Fig. 4. Front view of the same sucker ; magnified 7 diameters.
- Fig. 5. Second right arm of the male ; natural size.
- Fig. 6. Left tentacular club of the female specimen shown in fig. 1 ; very slightly enlarged.
- Fig. 7. A large tentacular sucker ; magnified 20 diameters.
- Fig. 8. Profile view of the two rings of conical papillæ which surround the horny ring of a tentacular sucker ; magnified 200 diameters.
- Fig. 9. A portion of the horny ring of a similar sucker, with the papillary area surrounding it ; magnified 200 diameters.

Figs 10-18. *ROSSIA PATAGONICA*, E. A. Smith, 119

- Fig. 10. Third left arm of a male specimen ; magnified 2 diameters.
- Fig. 11. Second left arm of the same specimen ; magnified 2 diameters.
- Fig. 12. Inner aspect of the third left arm of another specimen ; magnified 2 diameters.
- Fig. 13. The outer aspect of the left dorsal arm of the male, showing the form of hectocotylisation ; magnified 2 diameters.
- Fig. 14. Lateral view of an enlarged sucker from one of the lateral arms of the male ; magnified 8 diameters.
- Fig. 15. The left tentacular club ; magnified about 5 diameters.
- Fig. 16. A sucker from the tentacular club ; magnified 40 diameters.
- Fig. 17. Part of the horny ring of a tentacular sucker, with two teeth and the adjacent papillary area ; magnified 200 diameters.
- Fig. 18. Part of the horny ring of a sucker from one of the sessile arms ; with the adjacent papillary area ; magnified 200 diameters.