

PLATE XLI.

Figures and Details of Spines (figs. 1-53), p. 14.

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| Fig. 1-6. <i>Periaster limicola</i> . | Fig. 32-35. <i>Argopatagus vitreus</i> . |
| „ 7, 8. <i>Aërope rostrata</i> . | „ 36, 37. <i>Cystechinus vesica</i> . |
| „ 9, 10. <i>Echinolampas oviformis</i> . | „ 38, 39. <i>Genicopatagus affinis</i> . |
| „ 11, 12. <i>Eupatagus valenciennesi</i> . | „ 40. <i>Spatagocystis challengerii</i> . |
| „ 13-16. <i>Aceste bellidifera</i> . | „ 41-43. <i>Cionobrissus revinctus</i> . |
| „ 17-20. <i>Maretia planulata</i> . | „ 44-46. <i>Pourtalesia ceratopyga</i> . |
| „ 21, 22. <i>Hemiaster cavernosus</i> . | „ 47, 48. <i>Pourtalesia hispida</i> . |
| „ 23-27. <i>Cystechinus wyvillii</i> . | „ 49-52. <i>Pourtalesia carinata</i> . |
| „ 28, 29. <i>Palæotropus loveni</i> . | „ 53. <i>Pourtalesia laguncula</i> . |
| „ 30, 31. <i>Echinocrepis cuneata</i> . | |

PLATE XLII.

PEDICELLARIÆ (figs. 1-28).

- Fig. 1. *Dorocidaris bracteata*, short, long-stemmed ambulacral pedicellaria.
- „ 2. *Goniocidaris florigera*, slender-headed, long-stemmed pedicellaria.
- „ 3. „ „ globular-headed, short-stemmed abactinal pedicellaria.
- „ 4. *Aspidodiadema tonsum*, globular-headed, short-stemmed abactinal pedicellaria.
- „ 5. „ „ long-headed, long-stemmed pedicellaria.
- „ 6. „ „ magnified part of short interambulacral spines.
- „ 7. *Phormosoma tenue*, one of the long-headed, long-stemmed pedicellariæ.
- „ 8. *Asthenosoma grubii*, globular-headed, short-stemmed pedicellaria.
- „ 9. „ „ long-headed, long-stemmed pedicellaria.
- „ 10. *Spatagocystis challengerii*, large-headed pedicellaria (Pl. XLV. fig. 39).
- „ 11. „ „ short-headed, toothed, cup-pronged pedicellaria (Pl. XLV. fig. 43).
- „ 12. *Spatagocystis challengerii*, small-based, long-pronged pedicellaria (Pl. XLV. fig. 12).
- „ 13. *Cystechinus wyvillii*, large-headed pedicellaria (Pl. XLV. fig. 28).
- „ 14. „ „ extremity of rod supporting same.
- „ 15. *Cystechinus clypeatus*, small large-headed pedicellaria (Pl. XLV. figs. 30, 31).
- „ 16. „ „ end view of same.