

PLATE III.

	Diam.
Fig. 1. <i>Cellepora pustulata</i> , Busk,	x 25
Fig. 2. <i>Cupularia canariensis</i> , Busk,	x 50
Fig. 3. <i>Selenaria maculata</i> , Busk,	x 85
Fig. 4. <i>Cellepora armata</i> , Hincks, var. <i>erecta</i> , nov.,	x 25
Fig. 5. <i>Retepora magellensis</i> , Busk,	x 25
Fig. 6. <i>Retepora gigantea</i> , Busk,	x 25
Fig. 7. <i>Retepora tessellata</i> , Hincks, var. <i>imperati</i> , Busk; section of rooting process,	x 12
Fig. 8. <i>Retepora tessellata</i> , Hincks, var. <i>imperati</i> , Busk; rooting process,	x 25
Fig. 9. <i>Retepora lata</i> , Busk; section of calcareous structure, showing lacunæ on the right,	x 25
Fig. 10. <i>Retepora columnifera</i> , Busk; section showing zoarial parenchym cord,	x 85
Fig. 10a. <i>Retepora columnifera</i> , Busk; section showing zoarial parenchym cord,	x 250
Fig. 11. <i>Retepora columnifera</i> , Busk; ovicell calcined,	x 85
Fig. 12. <i>Retepora cellulosa</i> , L., Naples; showing gland-like sacs at the side,	x 85
Fig. 13. <i>Retepora cellulosa</i> , L., Naples; double sac,	x 250
Fig. 14. <i>Cellepora pertusa</i> , Smitt, Red Sea; showing vermiform gland-like bodies,	x 85
Fig. 15. <i>Lepralia margaritifera</i> , Quoy and Gaimard; contents of avicularian chamber, showing double gland-like bodies and the protoplasmic mass,	x 250
Fig. 15a. <i>Lepralia margaritifera</i> , Quoy and Gaimard; section of the larger body,	x 250
Fig. 16. <i>Lepralia margaritifera</i> , Quoy and Gaimard,	x 25
Fig. 17. <i>Selenaria maculata</i> , Busk; lower part of vibraculum,	x 250
Fig. 18. <i>Bifaxaria submucronata</i> , Busk; operculum,	x 85
Fig. 19. <i>Foveolaria elliptica</i> , Busk; operculum,	x 85
Fig. 20. <i>Aspidostoma gigantea</i> , Busk; avicularian mandible,	x 85
Fig. 21. <i>Aspidostoma gigantea</i> , Busk; operculum,	x 85
Fig. 22. <i>Melicerita atlantica</i> , Busk; operculum,	x 85
Fig. 23. <i>Electra cylindracea</i> , Busk; mandible,	x 85
Fig. 24. <i>Melicerita dubia</i> , Busk; operculum,	x 85
Fig. 25. <i>Monoporella capensis</i> , Busk; operculum,	x 85
Fig. 26. <i>Smittia delicatula</i> , Busk,	x 25
Fig. 27. <i>Cupularia canariensis</i> , Busk; base of vibraculum,	x 250
Fig. 28. <i>Diporula hastigera</i> , Busk; mandible,	x 85
Fig. 29. <i>Diporula hastigera</i> , Busk; operculum,	x 85
Fig. 30. <i>Lepralia mucronata</i> , Busk; operculum,	x 85
Fig. 31. <i>Schizoporella vitrea</i> , MacGillivray; operculum,	x 85
Fig. 32. <i>Lepralia oclusa</i> , Busk; operculum,	x 85
Fig. 33. <i>Lepralia oclusa</i> , Busk; mandibles,	x 85
Fig. 34. <i>Lepralia oclusa</i> , Busk,	x 25
Fig. 35. <i>Melicerita dubia</i> , Busk; reduced from sketch,	x 6
Fig. 36. <i>Lepralia castanea</i> , Busk; operculum,	x 85
Fig. 37. <i>Lepralia castanea</i> , Busk; mandible,	x 85
Fig. 38. <i>Muscocellia auriculata</i> , Busk; operculum,	x 85
Fig. 39. <i>Retepora tessellata</i> , Hincks, var. <i>imperati</i> , Busk; operculum,	x 85
Fig. 40. <i>Retepora lata</i> , Busk; operculum,	x 85
Fig. 41. <i>Cellepora armata</i> , Hincks, var. <i>erecta</i> , nov., operculum,	x 85
Fig. 42. <i>Cellepora armata</i> , Hincks, var. <i>erecta</i> , nov., mandibles,	x 85
Fig. 43. <i>Cellepora armata</i> , Hincks, var. <i>erecta</i> , nov., mandibles,	x 85
Fig. 44. <i>Mucronella canalifera</i> , Busk; operculum,	x 85
Fig. 45. <i>Defrancia striatula</i> , Busk,	x 6
Fig. 46. <i>Schizoporella vitrea</i> , MacGillivray,	x 25
Fig. 47. From Station 320 (see page 39),	x 12