

PLATE I.

	Diam.
Fig. 1. <i>Catenaria bicornis</i> , Busk, . . . . .	x 85
Figs. 2, 3. <i>Farciminaria biseriata</i> , n. sp., . . . . .	x 25
Fig. 4. <i>Ichthyaria oculata</i> , Busk ; the lower part shows the lateral chitinous growth, . . . . .	x 25
Fig. 5. Section of <i>Calwellia sinclairii</i> , Busk ; showing the membrane dividing the zoecia, . . . . .	x 25
Fig. 6. <i>Bifaxaria submucronata</i> , Busk ; the lower part is calcined, the upper part showing the ovicells is not, . . . . .	x 12
Fig. 7. <i>Bifaxaria corrugata</i> , Busk ; showing the ovicells and avicularia as seen laterally, . . . . .	x 25
Fig. 8. <i>Bifaxaria corrugata</i> , Busk ; ovicell from the front, . . . . .	x 25
Fig. 9. <i>Flustra separata</i> , n. sp. ; the left hand avicularium is shown open, the right closed, . . . . .	x 25
Fig. 10. <i>Flustra cribriformis</i> , Busk ; showing the radical attachment, and from the cells on the right the upper wall has been removed to show the basal wall, . . . . .	x 12
Fig. 11. <i>Cribrilina latimarginata</i> , Busk, . . . . .	x 25
Fig. 12. <i>Cribrilina latimarginata</i> , Busk ; base of vibraculum, . . . . .	x 150
Fig. 13. <i>Electra cylindracea</i> , Busk, . . . . .	x 25
Fig. 14. <i>Electra cylindracea</i> , Busk ; transverse section, . . . . .	x 25
Fig. 15. <i>Thalamoporella steganoporoides</i> , Goldstein ; calcined, . . . . .	x 25
Fig. 16. <i>Aspidostoma gigantea</i> , Busk ; cervicorne processes seen from the side.	
Fig. 17. <i>Aspidostoma gigantea</i> , Busk, . . . . .	x 12
Fig. 18. <i>Aspidostoma gigantea</i> , Busk, . . . . .	x 25
Fig. 19. <i>Porina proboscidea</i> , n. sp. ; anterior surface, . . . . .	x 25
Fig. 20. <i>Porina proboscidea</i> , n. sp. ; dorsal surface, . . . . .	x 12
Fig. 21. <i>Membranipora umbonata</i> , Busk, var., . . . . .	x 25
Fig. 22. Section of <i>Turritigera stellata</i> , Busk ; showing the ovicells, . . . . .	x 25
Fig. 23. <i>Thalamoporella labiata</i> , Busk ; calcined, . . . . .	x 25
Fig. 24. <i>Mucronella contorta</i> , Busk, . . . . .	x 25
Fig. 25. <i>Turritigera stellata</i> , Busk, . . . . .	x 25