

LIST OF ILLUSTRATIONS.

THE following list contains a statement of the original sources of the illustrations through the volume. By "Author's Atlas" is to be understood the Atlas of his Report on Zoöphytes. The figures are of natural size, except when otherwise stated. The new figures included have been made by Mr. Lockwood Sanford, a New Haven artist, engraver of most of the wood-cuts of this volume.

- Frontispiece, fig. 1, *Phymactis florida*. Author's Zoöphyte Atlas, Plate 2.
 „ „ 2, *Phymactis clematis*. Author's Zoöphyte Atlas, Plate 1.
 „ „ 3, 3a, *Bunodes gemma*. Author's Zoöphyte Atlas, Plate 4, 3a, the polyp contracted.

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6. *Paractis Rapiformis*, Edw. From a drawing by the Author, made in 1852.
 7. *Cancrisocia expansa*. Verrill, Amer. Naturalist, from Proc. Essex Institute, vol. vi.
 9. fig. 1, *Peachia hastata*. Gosse's Actin. Brit., Plate viii.
 fig. 2, *Edwardsia callimorpha*; and 3, *Halocampa chrysanthellum*. Ibid., Plate 7.
 10. Section of Actinia. From a drawing by the Author, made in 1856, on the basis of a study (1852) of the Actinia figured on p. 6.
 14. Lasso-cells. Dr. K. Mobius, Abh. Nat. Ver. Hamburg, vol. v., 1866.
 22. *Caryophyllia cyathus*. Le Monde du Mer.
 23. *Thecocyathus cylindræus*. Pourtales on Deep Sea Corals, Plate 2. *Flabellum Puvionium*.
 25. *Ctenactis echinata*, one-third natural size. La Vie et les Mœurs des Animaux.
 26. *Fungia lacera*, living and expanded. Author's Zoöphyte Atlas, Plate 18.
 27. Enlarged view of tentacle of *F. lacera*, and profile, natural size, of one of the calcareous septa. Ibid., Plate 18.
 29. *Madrepora aspera*, living and expanded. Author's Zoöphyte Atlas Plate 38.
 31. *Dendrophyllia nigrescens*, living and expanded. Author's Zoöphyte Atlas, Plate 30.
 32. *Goniopora columna*. Ibid., Plate 56.
 33. *Porites mordax*. Ibid., Plate 53.
 34. *Cladocora arbuscula*. Ibid., Plate 30.
 35. *Orbicella cavernosa*. L. Sanford, from specimen.
 36. Spontaneous fission. Author's Report on Zoöphytes.
 37. *Astræa pallida*. Author's Zoöphyte Atlas, Plate 10.
 37. *Caulastræa furcata*. Ibid., Plate 9.