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40. *Epizoanthus Americanus*. Verrill, Amer. Naturalist, vol. iii., p. 248.
View of single polyp. From a drawing by Prof. Verrill.
41. *Antipathes arborea*. Author's Zoöphyte Atlas, Plate 56.1
42. Enlarged view of polyp of *A. arborea*. Ibid., Plate 56.
43. *Astræa pallida*. Author's Zoöphyte Atlas, Plate 10.
44. *Diploria cerebriformis*. Le Monde du Mer.
45. *Fungia Danæ*. L. Sanford, one-sixth the natural size; from a photograph by Prof. A. E. Verrill.
46. *Caryophyllia Smithii*, one of the figures with the animal expanded; the other with it contracted. Gosse's Actinologia Britannica, Plate 10.
47. *Astrangia Danæ*; fig. *a* one of the polyps enlarged; *c*, coral with the polyps expanded, natural size. Agassiz, Seaside Studies.
fig. *b*, surface of corallum, natural size. L. Sanford, from specimen.
69. *Phyllangia Americana*, a Florida species. Edwards and Haime, Corallières.
fig. 1, *Oculina varicosa*, extremity of a branch. Author's Report on Zoöphytes, page 67, corrected from specimen.
figs. 2, 3, *Stylaster erubescens*; 2, corallum, natural size; 3, extremity of a branch enlarged. Pourtales, Deep-Sea Corals.
figs. 4, 5, *Stylophora Danæ*; 4, extremity of a branch; 5, one of the calicles enlarged. Author's Zoöphyte Atlas, Plate 49.
fig. 6, Polyp, enlarged, of *St. mordax*. Author's Zoöphyte Atlas, Plate 49.
fig. 7, *Pocillipora grandis*. L. Sanford; from an Exploring Expedition specimen; portion of one of the large, flattened branches of the corallum. An entire clump is figured in the Author's Zoöphyte Atlas, Plate 51.
fig. 8, cell, enlarged, of *Pocillipora elongata*. Author's Zoöphyte Atlas. Plate 50
fig. 9, cell, enlarged, of *Pocillipora plicata*. Ibid. Plate 50.
fig. 10, vertical section of corallum of *P. plicata*, showing the tabular structure. Ibid., Plate 50.
50. Polyp of *Madrepora cribripora*, enlarged. Author's Zoöphyte Atlas, Plate 31.
51. *Madrepora formosa*. Author's Zoöphyte Atlas, Plate 38.
52. Polyp of *Dendrophyllia nigrescens*, enlarged. Ibid., Plate 30.
53. *Dendrophyllia nigrescens*, natural size. Ibid., Plate 30.
54. *Alveopora Verrilliana*, natural size; the corallium covered below with a peritheca. Author's Zoöphyte Atlas, Plate 48. The species is here named after Prof. A. E. Verrill, as it is not the true *A. dedalea*.
Alveopora spongiosa, vertical section of corallum, and upper view of calicle, much enlarged; the diameter of the cell being about a fifteenth of an inch. Author's Zoöphyte Atlas, Plate 48.
55. Polyp of *Porites levis*, enlarged. Author's Zoöphyte Atlas, Plate 54.
6. *Porites levis*, with the polyps of one of the branches expanded, natural size. Author's Zoöphyte Atlas, Plate 54.
59. *Xenia elongata*. Author's Zoöphyte Atlas, Plate 57.
60. *Anthelia lineata*. Verrill, Proceedings of the Essex Institute, vol. iv., Plate 5. From a drawing by Dr. Stimpson.
60. *Telesto ramiculosa*. Verrill, Proceedings of the Essex Institute, vol. iv., Plate 6; the second figure an enlarged view of expanded polyp. From drawings by Dr. Stimpson.