

- Aplidium fuscum*, 150, 201, 203, 206, 353, 359, 364, 367, 372, 375, 377 (Pl. xxviii. figs. 8-10).
 „ *incrustans*, 201, 357, 361, 364, 367, 372, 378 (Pl. xxvii. figs. 3-8).
 „ *leucophæum*, 201, 204, 205, 354, 359, 364, 367, 372, 375, 377 (Pl. xxviii. figs. 5-7).
 „ *pedunculatum*, 73, 74, 381.
 Appendiculariidae, 2, 387, 388.
 Arrou Islands, 310, 311, 355, 360.
Ascidia, 17, 21, 23, 160, 161.
 „ *aspersa*, 417.
 „ *scabra*, 416 (Pl. xlvii. fig. 11).
 Ascidiæ Compositæ, 13, 17, 22, 28, 307, 308, 317, 319, 347, 351, 374, 378, 379, 387, 395, 399.
 „ Salpiformes (see *Pyrosoma*), 2, 28, 317.
 „ Simplices, 1, 2, 5, 13, 17, 18, 20, 22, 28, 29, 92, 163, 205, 208, 238, 243, 306, 321, 323, 325, 326, 328, 332, 334, 344, 346, 351, 379, 383, 384, 387, 391, 396, 397, 399, 401.
 „ Sociales (see *Clavelinidæ*), 29, 30, 325, 341.
 Ascidiarium, 12.
 Ascidiidae, 17, 388, 397, 416.
 Ascidiozoid, 12, 15, 16, 28, 32, 34, 35, 40, 43, 44, 46, 77, 81, 95, 138, 149, 151, 169, 346.
Ascopera pedunculata, 403.
Astellium, 307, 309, 313.
 „ *spongiforme*, 314.
 “Astrolabe,” 75, 76.
 Atlantic, North, 362, 363, 366.
 Atlantic, South, 362, 363, 366.
Atopogaster, 151, 152, 163, 164, 383, 390, 391, 392.
 „ *aurantiaca*, 15, 19, 20, 164, 168, 172, 208, 251, 354, 359, 363, 367, 372, 376.
 „ *elongata*, 164, 173, 175, 176, 224, 225, 232, 356, 361, 363, 367, 372, 376 (Pl. xxiv. figs. 1-8).
 „ *elongata*, var. *pallida*, 164, 175, 352, 358, 363, 367, 372, 375 (Pl. xxiv. figs. 9, 10).
 „ *gigantea*, 150, 164, 356, 361, 363, 367, 372, 376 (Pl. xxiii. figs. 1-6).
 „ *informis*, 164, 171, 230, 363, 367, 372 (Pl. xxiv. figs. 11-15).
 Atrial languet, 18, 34, 150.
 Atrial tentacles, 331.
Aurantium, 149, 151, 152, 187.
 Australia, 116, 307, 323, 362, 411, 419, 420.
 Azores, 132.
 Bahia, 207, 275, 277, 279, 280, 315, 352, 358, 378.
Balanus, 176.
 Barra Grande, Brazil, 137, 352, 358, 386.
 Bass Strait, 72, 119, 169, 235, 264, 386, 414.
 Bathymetrical distribution, 371, 374, 378.
Bathyoncus, 19, 153, 155, 383, 401, 407, 408, 410.
 „ *discoideus*, 401, 407, 408 (Pl. xlvii. fig. 6; Pl. xlviii. figs. 5-11).
 „ *minutus*, 401, 407, 409 (Pl. xlvii. figs. 7-10).
 „ *mirabilis*, 331, 401, 408.
 Bay of Naples, 46, 131, 262.
 Beneden, E. van, 59, 60, 92, 306.
 Bermuda, 50, 144, 145, 266, 351, 352, 357, 378, 383, 386.
 Berwick Bay, 209.
 Bibliography, 8.
 Blood corpuscles, 14, 18, 22, 25, 42, 43, 59, 90.
 Bolteninæ, 388, 403.
 Botrylli conglomerati, 35.
 „ stellati, 35.
 Botryllidæ, 13, 14, 17, 18, 21, 22, 23, 24, 25, 30, 31, 33, 34, 36, 43, 59, 65, 144, 145, 146, 147, 149, 250, 254, 273, 325, 326, 363, 366, 369, 371, 374, 381, 383, 384, 385, 386, 387, 388, 389, 396, 397, 398, 399.
 Botrylliens, 6, 15, 17, 30.
Botrylloides, 33, 36, 37, 38, 39, 40, 43, 46, 49, 54, 56, 60, 61, 62, 64, 166, 220, 241, 290, 366, 374, 381, 397, 398.
 „ *fulgurale*, 41, 52, 60, 192, 363, 367, 371, 374, 378, 385 (Pl. iii. figs. 1-8).
 „ *gascoi*, 46, 49.
 „ *nigrum*, 41, 50, 351, 357, 363, 367, 371, 375, 386 (Pl. i. fig. 8; Pl. iii. figs. 19-21).
 „ *perspicuum*, 41, 45, 49, 51, 55, 355, 360, 363, 367, 371, 375 (Pl. i. figs. 4, 5; Pl. iii. figs. 9-14).
 „ *perspicuum*, var. *rubicundum*, 41, 48, 355, 360, 363, 367, 371, 375 (Pl. i. figs. 6, 7; Pl. iii. figs. 15-18).
 „ *purpureum*, n. sp. (*i.e.*, *Botrylloides tyreum*, see p. 381), 19, 34, 41, 47, 49, 54, 67, 344, 381 (Pl. i. figs. 1-3; Pl. ii. figs. 1-11).
 „ *rubrum*, 39.