

- Birnie's Island, 160, 248, 292
 Bischof, composition of sea-water,
 75
 Bolabola, 287
 Borneo, 265
 Bowditch's Island, 135, 136, 163,
 235
 Branchiæ in Actiniæ, 19
 Brazil, corals of, 88
 ,, reefs, 111, 269, 270
 Brooks's Island, 217, 293
 Bryozoans, 81
 Budding in Actiniæ, 20
 Budding in Coral Polyyps, 27
 Bunodes gemma, 5
 Byron, of the *Blonde*, apatite on
 Mauke, 254
 CALAMINIANES, 265
 Calicle, 23, 24, 28
 California Gulf, corals of, 86
 Cancrisocia expansa, 7
 Cape St. Ann, 269
 Carlshoff, 136, 143, 146, 166
 Caroline Archipelago, 137
 ,, elevations in, 295
 Caryophyllia cyathus, 22
 ,, Smithii, lasso cell, 13
 ,, animal of, 46
 Carysfort Island, 139
 Caulastræa furcata, 37, 42, 71
 Caverns in coral limestone, 158, 310
 Celebes, 265
 Ceylon, reefs of, 268
 Chætetes, 81
 Chagos Bank, 155, 156, 268
 Chalk, origin of, 308
 ,, of Oahu, 309
 Channels among reefs, 118
 Charlotte's Island, 294
 China, coast of, free from corals, 267
 Christmas Island, 140, 290
 Cladocora arbuscula, 34, 48, 71
 Clarke, H. J., on budding in
 Actiniæ, 11
 Classification of Actinoid Polyyps, 40
 Clermont Tonnerre, 138, 286
 Cnidæ, 13
 Coconut Grove, on Bowditch
 Island, 235
 ,, tree, 239
 Coenenchyma, 39
 Columella, 24
 Commensalism in polyyps, 7, 42
 Cook, Capt., on Christmas Island,
 290
 Cophobelemnon clavatum, 68
 Corals changed to a phosphate by
 guano, 249
 Corals, rate of growth of, 96
 ,, temperature limiting, 83
 ,, influence of impure and fresh
 waters on distribution, 93
 ,, injured by boring animals,
 95
 Coral, precious, 67
 Coral Heads, 110, 111, 114
 ,, islands, forms and features,
 130
 ,, birds of the Pacific,
 242
 ,, poor place for human
 development, 246
 Coral-makers, 3
 Coral mud and sand of bottom, 113,
 119, 147—150, 197
 Coral reefs, rate of growth of, 212.
 ,, benefits from, 127
 ,, geographical distribution
 of, 258, *et seq.*
 Coral Reef Harbours, 128
 ,, seas, extent of, 257
 Coral rocks, consolidation of, 122,
 305
 Coral sands, formation of, 113, 191,
 299
 Coral sand-rocks, 122, 124, 125, 299
 Corallet, 28, 39
 Corallidæ, 67
 Corallines, 83
 Corallium from the Sandwich Islands,
 67
 Corallium rubrum, 66
 Corallulum, 39
 Corallum, 23, 28, 39
 ,, composition of, 74, 81
 ,, hardness of, 74
 Comora Islands, 268
 Corynactis viridis, lasso-cells, 13—15
 Coryne, 77
 Cosmoledo, 268
 Couthouy, J. P., on *Anthea flagel-*
 lifera, 17
 Ctenactis echinata, 25, 44
 Currents in Atoll channels, 137, 138
 ,, among reefs, 204, 205
 Cyathophyllia cyathus, 22, 46
 ,, clavus, 46
 Cyathophylloids, 55
 DANA'S Report on Zoöphytes, names
 of species, of 327