

- Green Mountain, Island of Ascension, ii., 222, 225.
 Gru-gru palms in Bermudas, i., 281, 321.
Guarica cardinalis, i., 279.
 Guinea Current, i., 158; ii., 75, 76, 82, 265, 268.
 Guinea-fowl, San Domingo, ii., 74.
 Gulf-stream, i., 123, 158, 226, 332-391; its width, depth, and rate, 345; Tables of Meteorological Observations in crossing and recrossing it, 379; specific gravity of the water, ii., 308.
 Gulf-weed, i., 180, 188, 191; ii., 15, 290.
- H.
- Habrodictyon*, i., 136.
 Haeckel, Ernst, on Radiolaria, i., 199; Coccospheres, 209.
 Halifax, Nova Scotia, i., 356.
Haliomma, i., 222.
Haliommatidæ, i., 221.
 Halo, solar, i., 355.
 Hamilton, Bermudas, i., 312; Cedar Avenue, 313.
 Hartnach's microscopes used in the expedition, i., 29.
Hastigerina Murrayi, ii., 250, 252.
 Heard Island, ii., 191.
 Heliconidae, shower of, ii., 121.
Hemiaster Philippii, ii., 198-202.
Heteropoda, i., 122, 123.
 Hexactinellidæ, i., 141, 170.
 Hierro, Island of, i., 153.
Holothuroidea, i., 135; ii., 191, 281, 290, 297.
 Horta, Fayal, ii., 27.
 Humming-birds in Brazil, ii., 125.
Hyalonema toxeres, i., 120, 257-261.
 "Hydra" sounding-machine, i., 61, 168, 172.
 Hydraulic pump used in the expedition, i., 58.
 Hydrometer used for determining the density of sea-water, i., 55; ii., 303.
Hymenaster membranaceus, i., 113.
Hymenaster nobilis, ii., 205-208.
Hymenaster pellucidus, ii., 205.
Hyocrinus Bethellianus, ii., 89-92.
- I.
- Ice-markings on schist rock, Halifax, i., 359.
 Inaccessible Island (Tristan d'Acunha group), history and description of, ii., 138-163; its occupation by Frederick and Gustav Stoltenhoff, 150-162; water-fall in, 148, 149; rock-hoppers and penguins, 146.
 Insects of Brazil, ii., 125.
- Ipomoea nil*, at the Convolvulus Cave, Bermudas, i., 302.
Ipomoea pes-caprae, Bermudas, i., 291.
 Ireland Island, Bermudas, i., 296, 297, 300, 311.
 "Island Hen," of Tristan d'Acunha, ii., 145, 162.
- J.
- Jacobsen, Dr., his apparatus for boiling atmospheric gases out of sea-water, i., 36.
Janthina, i., 123.
 Japan Current compared with the Gulf-stream, i., 364.
Jasminum gracile, Bermudas, i., 305.
 Jason Islands, ii., 178.
Jatropha manihot, i., 318.
Jatropha urens, ii., 102.
 Jeffreys, Gwyn, F.R.S., "Porcupine" sounding expedition, i., 21, 79, 98, 185; on *Globigerina*, 200.
 Juniper, of Bermudas, i., 277, 290.
- K.
- Kerguelen Island, ii., 196, 198, 199, 200, 202.
 Kittiwake, i., 192.
 Krohn, on *Globigerina* and *Orbulina*, i., 199, 207.
- L.
- Labrador Current, ii., 272, 280; specific gravity of water, 308.
Lamellibranchiata in the Atlantic, ii., 298.
Larus tridactylus, i., 192.
Leda, living on the sea-bottom, i., 174, 185, 233.
 Lefroy, Major-general, Sir J. H., K.C.B., F.R.S., Governor of Bermudas, his official residence, i., 280, 281; report to him on analysis of soils from Bermudas, 294; visit to the Caves of Bermudas, 305; sanitary statistics of Bermudas, 313.
Lefroyella decora, i., 375.
 Le Have Bank, i., 355, 359.
 Lemon-trees near Algesiras, i., 129.
Leptychaster Kerguelensis, ii., 203.
 Life, its universal extension at all depths of the ocean, ii., 281.
 Light-house on Gibbs's Hill, Bermudas, i., 312.
 "Lightning," H.M.S., sounding expedition, i., 20.
Limacina helicina, i., 127.
 Limestone of Bermudas, i., 286; its formation from coral-sand, i., 291.
Limopsis, living on the sea-bottom, i., 174, 233.