

- Harbour of St. Vincent, deposit in, 154.
 Harmattan winds, 147, 150, 154, 195.
 Harmotone, 402.
 Harrington, Captain, 294.
 Harrison, J. B., xxix, 189.
 "Hassler," the, 30.
Hastigerina, 155, 167, 260.
 " *pelagica*, 214, 261, 262.
 Haushofer, K., 386.
 Hausmanite, 369.
 Haversian canals, 275.
 Hawaii, deposits between Tahiti and, 178-179.
 Heard Island, deposits between Melbourne and,
 78-83, 163-164.
 " deposits off, 78-79, 162-163.
 " rock fragments obtained between Mel-
 bourne and, 322.
 Hebrides Islands, xxiii.
 Hematised olivine, 312.
 Hematite, 21, 316, 326.
 " brown, 21.
 " red, 21, 25.
Hemiaulus antarcticus, 210.
Hemipristis, 269, 270.
 Hensen, V., 251, 252.
 Hercules, Pillars of, xvi.
 Herodotus, xvi.
 Heteropods, 31, 36-146, 215, 216, 223, 224, 225, 244,
 266-267, 365, 389.
Heterostegina, 93, 263.
 " *complanata*, var. *granulosa*, 97, 172.
 Hexactinellida, 194, 284, 286.
 Hexactinellid spicules, 284, 286, 344.
 Hilgard, E. W., 197, 228, 287.
 Hillscheid, Oligocene clay of, 199.
 Hilo Bay, deposit in, 118-119.
 Hinde, G. J., 189.
 History of Oceanography, xiii-xxviii.
 Hiza, city of, xviii.
 Hoek, P. P. C., 265.
 Holoplanktonic, 261, 266.
 Holosiderites, 330.
 Holothurians, 101, 181, 194.
 " excreta of, 254.
Holtenia, 284.
 Hondt, Pierre de, xix.
 Hong Kong, deposits between Philippines and,
 100-101, 173-174.
 Hong Kong Harbour, deposit in, 100-101.
 Honolulu, deposits off, 118-119.
 Honolulu Harbour, deposit in, 118-119, 178.
 Hooke, R., xiv.
 Hooker, J. D., xxi, xxii, xxiii, 208.
Hormosina carpenteri, 115.
 Hornblende, 19, 217, 226, 231, 238, 243, 296, 313,
 316, 317, 320, 322, 343, 353, 374, 383.
 " basaltic, 319.
 " common, 325.
 " green, 322, 326, 396.
 Hornblendic andesite, 300, 313.
 Hornung, M., 27, 434, 444-446.
 Horses' teeth, fluorine in, 495.
 Hoyle, W. E., 267.
 Humboldt, F. H. A. von, xxi.
 Humboldt Bay, deposits in, 104-105, 174.
 Humphreys, A. A., 228, 287.
 Hunt, T. Sterry, 386.
 Huxley, T. H., xxv, xxvi, 190, 254.
Hyalodiscus radiatus, var. *aretica*, 210.
Hyalonema, 121.
 " *sieboldi*, 286.
 Hydra sounding machine, 2, 3.
 Hydrate of iron (see Iron).
 Hydrate of manganese (see Manganese).
 Hydrated silicate of alumina, 338, 374, 408.
 Hydrocorallinæ, 264.
 Hydrogen, 255, 338.
 " sulphuretted, 253, 256.
 Hydrographer of the Admiralty, ix, 30.
 Hydroids, 93, 181, 346, 349, 350, 354, 360.
 Hydroxide of iron (see Iron).
 " manganese (see Manganese).
Hymenaster echinulatus, 181.
Hyperammina, 37, 41, 95, 107.
 " *ramosa*, 123.
 " *vagans*, 107, 111, 125, 129, 133, 174.
 Hypersthene, 22, 319, 332.
Ianthina, 68, 73, 106, 107, 112, 115, 174, 225.
 " *rotundata*, 267.
 Ibn Khaldoun, xiv.
 Ice, floating, 292, 321, 322, 323.
 Ice-Barrier, 163, 164, 209, 211.
 Icebergs, 195, 322, 323, 324, 325.
 Ice-borne fragments of rocks, 152, 195, 348, 359, 361, 384.
 Iceland, xv, xxii, 307, 310, 314, 334, 406.
 Idar, 406.
 Illustrations, list of, xii.
 Ilmenite, 21.
 Imperfect casts, 32, 35-147, 390-391.
 Inaccessible Island (see Tristan da Cunha).
 Indian Ocean, xiii.