

- Azores Islands, deposits between St. Vincent and, 146-147.
 „ deposits off, 58-59, 153.
 „ rock fragments obtained between Bermuda and, 322.
- Azov, Sea of, xiii, xvi.
- Bache, A. D., xxiv.
 Bäckström, H., 294.
 Bacteria, 255.
 Baden, "tegel" of, 199.
 Baffin's Bay, xv.
 Bahia, deposits between Pernambuco and, 68-71, 156.
 „ deposits between Tristan da Cunha and, 70-73, 157.
 „ deposits off, 70-71, 156-157.
 Bailey, J. W., xxiii, xxiv, xxv, 213, 382.
 Baillie sounding machine, 2, 3.
Balaena, 274, 490.
 „ *mysticetus*, 494.
 Balænidæ, 272, 347.
Balænoptera, 271, 274, 275, 360, 491.
 „ *antarctica*, 271.
 „ *huttoni*, 271.
 „ *rostrata*, 271.
 Balænopteridæ, 347.
Balanus, 90, 92, 94, 96, 111, 265.
 Baleen whales, earbones of, 271, 272.
 "Ballast," 323.
 Baltic Sea, xxi.
 Banda, deposits between Amboina and, 96-97, 171-172.
 „ deposits between Arrou Islands and, 94-97, 170-171.
 „ deposits off, 96-97, 171.
 Banks of animals and Algæ, 251.
 „ Diatoms, 281.
 Banks of Newfoundland, 152.
 Barbados, xxix, 189.
 Barff, coating of, 330.
 Barium, 377, 418.
 „ nodules, 377, 411, 412.
 Bark, 99.
 Barrier Reef of Australia, 386.
 Baryta, 377.
 Basalt, 194, 310, 311, 316, 322, 406, 408, 409.
 „ felspathic, 300, 308, 311, 312.
 „ felspathic magma, 304.
 „ vesicular, 365, 408.
 Basaltic glass, 194.
 Basaltic hornblende, 319.
 „ and other lapilli, 311-314.
 „ lapilli, 311-313, 335, 343, 357, 405, 408.
 „ pumice, 296-297.
 „ rocks, 243, 304, 334, 361, 364, 406, 407, 408, 409.
 Basic pumice, 295, 296-297.
 „ „ analyses of, 297, 454-455.
 „ volcanic glass, 299-307, 308, 309, 310, 311, 316, 340, 346, 361, 362, 363, 364, 374, 378, 405, 408.
 „ „ analyses of, 307, 455, 456, 463, 464.
Bathyactis, 48, 100, 101, 106.
 Bathybial Benthos, 250.
 „ Plankton, 251.
Bathybius, xxv, xxvi.
 Bathymetrical distribution of glauconite, 382-383.
 „ „ marine deposits, 247-248.
 „ „ phillipsite crystals, 405.
Bathypterois longicauda, 181.
 Bay of Bengal, 223.
 „ Lampoong, 294.
 „ Rio Janeiro, 389.
 Beach Sand, Diamond Point, Oahu Island, 118-119.
 „ „ Long Beach, Ascension, 144-145.
 „ „ Main Island, Admiralty Islands, 106-107.
 "Beacon," the, xxii.
 Beaks of Cephalopods (see Cephalopod beaks).
 „ Ziphioid whales, 272, 275, 361.
 „ „ „ analyses of, 491, 494, 495.
 Beam-trawl, 8, 9.
 Beccari, J. B., xx.
 Bengal, xviii.
 „ Bay of, 223.
 Ben Nevis Observatory, 335.
 Benthos, 250, 251, 259, 261, 263, 281.
 „ abyssal, 250.
 „ bathybial, 250.
 „ deep-sea, 250.
 „ littoral, 250.
 „ neritic, 250.
 „ shallow-water, 250.
 Berlin, xxi.
 Bermuda, deposits between Azores and, 54-59, 152-153.
 „ deposits between Halifax and, 50-53, 151-152.
 „ deposits between St. Thomas and, 44-49, 150.