

- Ape, First Appearance of, 349.
Apiocrinites liliiformis, 261.
 „ *rotundus*, 261.
Aploceras, 146.
 Aptien (Greensand of Apt) Fossils of
 Havre, of the Isle of Wight, 297.
 Apuan Alps, 76.
Arborescent Ferns, 130.
 Arbroath Paving-stone, 129.
Archæopterix, 265.
Archegosaurus minor, 154, 158.
Arctocyon primævus, 332.
Arenicolites, 101.
 Argile de Dives, 264.
 „ plastique, 332.
 Armentacæ, 297.
 Arran, Granite of, 38.
 Artesian Wells, 16, 88.
 Artificially-formed Coal, 164.
Asaphus caudatus, 103.
 Ashburnham Sands, 286.
 Ashdown Sands, 286.
 Ashes, Showers of Volcanic, 58.
 Asiatic Deluge, 423; caused by upheaval
 of Caucasian Range, 480.
Asplenium, 315.
Asterias lombricalis, 213.
Asteracanthus, 266.
Asterophyllites, 120, 154, 158, 173, 177.
 „ *foliosa*, 157.
 Atherfield Series of Rocks, 287.
 Atlantis of Plato, 118, 281.
Atrypa reticularis, 127.
Auchenaspis, 129.
 Aucolin, 299.
 Augite, 44.
 Auvergne, Mountains of, 62.
 „ Acidulated Springs in, 64.
 „ Extinct Volcanoes of, 51.
 Aveyron Savage, 469.
Avicula, 189, 205, 252, 272.
 „ *contorta*, 207.
 „ *contorta* zone, 207.
 Azores, New Islands formed in the, 70.
Baculites, 289.
 Bagshot Beds, 332.
 Bajocien Formation, 249.
 Bala Beds, 109.
 Balæna of Monte Pulgnasco, 370.
Balænodon Lamanoni, 370.
Balistes, or *Silurus*, 218.
 Baltic Sea filling up, 282, 490.
Banksia, 318.
 Barmouth Sandstone, 101.
Basalt in Prismatic Columns, 47.
 Basalt, 44.
 „ Action of, upon Limestone, 72.
 „ of Ireland, 48.
 „ Prismatic Structure of, 49.
 Basaltic Formations, 44.
 „ Causeways, 48, 49.
 „ Plateau, theoretical view of, 47.
 „ Cavern of Staffa, 50.
 Bat, 326, 338.
 Bath Oolite, 243, 250.
 Bathonean Formation, 249.
 Batrachian Reptiles of Pliocene, 358.
 Baumann's Hohl, 429.
 Bay of Fundy, 159.
 Beaver, Disappearance of, 184.
 „ of Post-Pliocene Period, 379.
 Beds of Coal, Formation of, 159.
 Bees, 255.
Belemnite restored, 216.
 „ of Liassic Period, 217.
Belemnites, 212, 215, 260.
 „ *acutus*, 217.
 Bellerophon, 108.
 „ *costatus*, 145.
 „ *hiulcus*, 145.
Beloptera Sepioides, 181, 434.
 Bembridge Series, 330, 332.
 Ben Nevis, 90, 182.
 Bernese Alps, 427.
Beryx Levesiensis, 294.
 Biblical Account of Noachian Deluge,
 480.
Bidiastopora cervicornus, 246.
 Bigsby, Dr. J. T., on Silurian Fauna
 and Flora, 104.
 Binney, Edw., on Boulder Clay of
 Lancashire, 462.
Bird of Solenhofen, 265.
 „ of Montmartre, 326.
 Birds, First Appearance of, 193.
 „ of Eocene Period, 326.
 „ of Miocene Period, 369.
Bison primigenius, 399.
 „ *priscus*, 399.
 Bituminous Fountains, 60.
 Black Down Beds, 310.
 Boccaccio's Giant, 284.
 Bogs of Denmark, 477.