

# INDEX.

- Aar**, torrent of, 45.  
**Abbott**, C. C. on early man, 282.  
**Abyss** of the ocean, 58; receives little sediment, 66.  
**Acervularia**, 181.  
**Acids** in the air, 224.  
**Adirondacks**, features of, 108.  
**Ætna**, Mount, 87 *seq.*; eruptions of, 88.  
**Agassiz** and Drift, 15, 45.  
**Age** of the world, 288, *seq.*  
**Ages** of man, 284.  
**Air-breathers** of Coal period, 175, 245.  
**Alaskan mammoth**, 158.  
**Amœba**, 200.  
**Amphibians**, reign of, 72; characters of, 176; diminution of, 247; a comprehensive type, 259.  
**Andrews**, E. on Geologic time, 292.  
**Ant-eater**, Banded, 252.  
**Anthracite**, 151.  
**Anticipation** in organic structures, 258.  
**Anticlinal** explained, 76, 77; in oil accumulation, 137.  
**Aphanite**, 40.  
**Appalachian region**, 267.  
**Appalachians**, origin of, 246.  
**Archæopteryx**, 261.  
**Archegosaurus**, 247.  
**Argillite**, 40; primitive, 225.  
**Argonauta**, 185.  
**Artesian wells**, 96, 70; bored for salt, 132.  
**Assortment** of sediments, 46, 187.  
**August meteors**, 211.  
**Azoic æon**, 230.
- Bad Lands**, 55; fossils of, 162 *seq.*; description of, 162.  
**Ball**, R. S., on primitive tides, 282.  
**Bar** of Mississippi, 49.  
**Basaltic columns**, 94.  
**Basin** of a geyser, 81.  
**Basin Province**, 267.  
**Basins** of Great Lakes, 279.  
**Beaches**, ancient, of lakes, 41; of sea shore, 275, 276.
- Becker**, G. F., on Comstock lode, 123.  
**Bedded**, thin or thick, 63.  
**Belodon**, 248.  
**Bilateral symmetry**, 193.  
**Birds**, reptilian, 252, 260, 261; genealogy of, 262.  
**Bituminous coal**, 152.  
**Bog iron ore**, 35, 126, 128.  
**Bonanza** defined, 120.  
**Boulders** described, 13; enormous examples of, 16; most abundant northward, 17; sources of, 17, 18; direction of transportation of, 21, 23.  
**Boulder clay**, 20.  
**Brachiopods**, 189, 193, 234, 242.  
**Brains** of early mammals, 254.  
**Brandon** frozen soil, 99.  
**Brontotherium**, 257.  
**Brontozoöm**, 248.  
**Brown coal**, 153.  
**Burns** gas well, 145.
- Cænozoic**, Great System, 78; Times, 252 *seq.*; mammals, 254 *seq.*  
**Caking coal**, 152.  
**Calabrian earthquakes**, 103, 104.  
**Cambrian**, System, 72; fossils, 190 *seq.*; rocks, 192, 196.  
**Cannel coal**, 152; formation of, 246.  
**Cañons**, result of erosion, 54.  
**Carbonic acid**, in the air, 243; removal of, 244.  
**Carboniferous System**, 72; fossils, 173 *seq.*; Age, 241.  
**Carinate birds**, 262, 268.  
**Caspian Sea** and salt, 130 *seq.*  
**Cat** family, 297.  
**Catskill Mts.** described, 54.  
**Caucasus**, buried ice in, 99.  
**Caverns** for human homes, 284.  
**Cement** of teeth, 155.  
**Centrifugal tendencies**, 215, 216.  
**Centripetal tendencies**, 215.  
**Cephalaspis**, 238, 239.  
**Cestraciont sharks**, 286, 288.