

- Anglo-Parisian Basin (Eocene)⁴
599
Angulatus beds, 350
Animal dogger, 397
Anisocardia, 480, 496
Anisoceras, 549, 593
Anisomion, 592
Annelida (see under *Tables of Organic Remains and Palæontology*)
Annularia, 269, 294
Anodon, 663
Anodonta, 183, 204, 209, 510, 689
Anodontacanthus, 302
Anodontopsis, 104, 148, 300
Anomalina, 668
Anomia, 300, 496, 527, 590, 638, 669, 689
Anona, 617, 634
Anoplophora, 343, 346
Anoplosaurus, 595
Anoplotherium, 631, 644
Anoplenus, 29, 145
Anser, 690
Antedon, 431, 493, 586
Antholites, 294
Anthracerpeton, 291, 305
Anthracite coal, 239, 251
Anthracomya, 285, 300
Anthracoptera, 285, 300
Anthracosaurus, 291, 305
Anthracosia, 170, 300
Anthracotherium, 648
Antrapalæmon, 279, 280, 298
Anticosti group (Upper), 100
Antilope, 667
Antrim, 215; coal-field, 249, 254, 256
Antwerp or Black crag, 6. 3.
Anversien Sands, 662
Apes Dale, 114
Aphidium, 509
Aphis, 509
Aphlebia, 294
Apiocrinus, 431, 493
Apocystites, 114, 144
Aplysia, 670, 689
Aporrhais, 544, 592, 639, 670, 689
Appalachian mountains, 120
Appletreeworth Beck, 80
Aptien, 526
Aptychopsis, 145
Aptychus, 404, 593
Apus, 298
Aquila, 690
Aquitanian stage, 627
Arabellites, 117, 145
Arachnida, 280
Arachnophyllum, 115, 142
Aralo-Caspian beds, 664
Araucaria, 527, 634
Araucar xylon, 163, 206, 344
Araucar tes, 354, 490, 527
Arbusculites, 277, 296
Arca, 119, 148, 300, 322, 346, 496, 528, 591, 638, 669, 689
Arce, 691
Archæan rocks:—Areas of, 17; deposition of, 24; distribution of, 18; European and American compared, 20; origin of, 21; position of, 17; texture of, 17
— time, 4
Archæocarabus, 612, 637
Archæocidaris, 279, 297, 321
Archæodiscus, 295
Archæoniscus, 509
Archæopora, 280, 299
Archæopteryx, 357
Archagaricon, 294
Archegosaurus, 312
Archichthys, 303
Architarbus, 280, 299
Arcomya, 387, 495
Arctic fossils, 122
Aretocyon, 600
Arctostaphylos, 686
Ardea, 690
Ardennes-schiefer, 191
Arenicolites, 38, 145
Arenig fauna, 62; its distinctness, 65; comparison of areas, 66
— rocks, 29, 34, 46, 78; distribution of, 57; sequence of, 61; Lower, 59; Upper, 60; in N. Wales, 58; in S. Wales, 59; palæontology of, 63
— slates and porphyries, 57
Argillaceous sandstone, 191
Argillæcia, 688
Argillornis, 600
Argiope, 484, 495, 590, 669, 688
Arietites, 367
Arion, 689
Arionellus, 32, 145
Arley-Main coal, 231.
Aroides, 417, 490
Arran-Mowddy, 57, 58
Artemis, 669, 689
Arthraster, 587
Arthropterus, 499
Artocarpidium, 619
Arundo, 686
Arvicola, 660, 691
Asaphellus, 52
Asaphus, 145
Ascoceras, 137, 149
Ascodictyon, 299
Ashburnham beds, 518, 520
Ashby-de-la-Zouche coalfield, 230
Ashdown sand, 519, 521
Ashgill, 82
Asia, Cretaceous rocks of, 513, 580; Miocene, 648; Pliocene, 666
Asilum, 495
Asinus, 671, 691
Asiracum, 509
Aspendesia, 495
Aspidiaria, 294
Aspidophyllum, 296
Aspidorhynchus, 397, 500, 510
Aspidura, 336, 493
Asplenopteris, 489
Asplenites, 344, 633
Astacoderma, 135, 145
Astacus, 494, 534
Astarte, 323, 346, 355, 496, 591, 638, 669, 689
Astartien zone, 351
Asteracanthus, 427, 499, 510, 528
Asterolepis, 156, 210, 291, 303
Asterope, 688
Asterophyllites, 170, 294
Asteroptychius, 303
Astien stage, 665
Astierianus (zone of) Ammo., 531
Astræopora, 296
Astrocenia, 346, 355, 491, 586, 636
Astrocrinus, 279, 297
Astropecten, 351, 493, 636
Astylospongia, 142
Astyris, 689
Atagma, 589
Atelocystites, 86, 114
Atherfield clay, 520, 533, 534; in Kent and Sussex, 535; Fauna, 533-535
Athyris, 112, 147, 208, 300, 322
Atlantidæ, 105
Atlantosaurus, 357, 430
Atocrinus, 279, 297
Atrypa, 104, 147, 208
Aturia, 613, 641
Aucella, 322
Auchenaspis, 128, 149, 210
Auchenilabrus, 643
Aulacophyllum, 86, 142
Aulaxinia, 5. 3
Aulodus, 594
Aulolepis, 595
Aulophyllum, 296
Aulopora, 277, 296
Austria, coal-fields of, 262; Rhætic strata of, 335, 343; Lias, 358; Jurassic, 358, 488; Oligocene, 622, 628; Miocene, 263, 647; Pliocene, 663
Avellana, 544, 592
Avicula, 119, 148, 209, 300, 322, 346, 496, 590, 638, 669
— contorta beds, 337, 338; zone of, 342, 363
— Echinata shales, 440; of Germany, 441; fauna, 441
— seam, 384
Aviculopecten, 171, 209, 300, 346
Avon section, 214, 219
Axinus, 177, 209, 285, 342
Axogaster, 586
Axopora, 636
Axosmia, 491
Aymestry limestone, position, 113; physical features, 125; fauna, 126
Ayrshire, 82; coal-field, 245
Azoic age, 5
Azygograptus, 62, 143
BACULITES, 549, 593
Baggy beds, 171; Point, 168; Quarries, 174
Bagshot beds, 601; Lower, 601; Middle, 601, 620; Alum Bay, 618; Upper Sands, 601
Baiera, 490
Baily, F., 37
Bairdia, 146, 298, 494, 588
Bajocien, 351
Bala, 34
Bala beds, history of, 76; Lower, 69, 77; Upper, 77
Bala lake, 78
Balanophyllia, 627
Ballycastle coal, 249
Balæna, 650
Balænodon, 654
Balænoptera, 660
Bangor, 26, 29, 34
Banksia, 579
Bantry Bay, 153
Barmouth, 141
Barnes series, 525
Barnstaple beds, 169, 170; slates, 188
Barosus, 494
Barrande, J., 32, 81
Barrandia, 60, 145
Barrémien, 577
Barrois, Dr., 550
Barrow-on-Soar, 399
Barrow Straits, 120
Barton clay, 601; Sands, 620
Baryhelix, 586
Basement-bed (London Clay), 606, 607, 609
Bathmodon, 614
Bathonien, 351
Bathycænia, 492
Bathycyathus, 586
Batrachospermum, 33
Batrachyderpeton, 291
Bauerman, H., 264
Bauhinia, 611
Bavaria, Eozoon of, 19
Bdellacoma, 144
Beaches, formation of, 655; raised, 676
Beania, 354
Beaumontia, 296
Bechera, 294
Beesley, Mr., 385, 399
Belemnite-beds, 369, 372, 379, 382
Belemnites, 357, 499
Belemnosis, 613
Belemnoteuthis, 450
Belgium, Devonian of, 192, 194; coal-fields of, 227, 260; Lias, 370, 401; Cretaceous, 513, 573; Oligocene, 622, 626; Pliocene, 653, 662
Belgrandia, 659