

## BAL

- Bala lake, glacier of, 405, 524, 525  
 — limestone, 72  
 — volcanic rocks near, 76  
 Beinn More, Mull, 264  
 Basalts, greenstones, &c., 615  
 Basques, 580  
 Bass Rock, 383  
 Bath Oolite, 176-181  
 — Old Well, salts in, 555  
 Battle, Purbeck, and Wealden, strata of, 206  
 Beardmore, Mr., on Thames at Kingston,  
 Beaumaris, Boulder-clay, 404  
 Bedford Level, alluvia of, 543  
 Bedfordshire, Portland beds of, 191  
 Beeston Cliff, 308  
 Belford, glacial, 386  
 Belgæ, 582  
 Belgic Gauls, 580  
 Bell, Mr. T., on coal raised, 598  
 Bembridge beds and fossils, 238, 252-254  
 Berwickshire coal-field, 127  
 Berwick, glacial phenomena near, 385-386  
 Berwyn Mountains, Silurian strata of, 72  
 — —, volcanic rocks of, 71  
 Black, Dr., on Hutton, 280  
 Black band ironstone, 128  
 Blackdown Hills, Upper Greensand of, 220  
 Black Sea fauna, 161  
 Blackpool, shell-beds of, 414  
 Blocks of Monthey, 368  
 Blyth, 520  
 Bone bed, Gloucestershire, 163  
 — caves, 459  
 — caves, Meuse, 547  
 Bouches de Perthes, man and the mammoth, 538  
 Boulder-clay, 333, 384-397  
 — beds, Oolitic, Brora, 199  
 — beds, Permian, 143  
 — beds, Old Red Sandstone, 111  
 Bovey Tracey, Miocene beds and fossils of, 259-263

## BUN

- Bowerbank, Dr., on sponges in Chalk, 227  
 Boyd river, Miocene beds and fossils of, 311  
 Bracklesham, Bagshot, and Barton beds, 314  
 Breidden Hills, volcanic rocks of, 77  
 Brick-clays, 609-610  
 Bridlington, glacial, 392  
 Bristol coal-field, an outlier, 35  
 Bristol and Somerset, Carboniferous rocks of, 122  
 Bristol Channel, origin of, 510  
 Bristow, Mr., on Alum Bay section, 241  
 — Mr., and Brixham cave, 478  
 Britain, igneous rocks of, 18  
 — old glaciers of, 372, 384, 431-455  
 Britain partial submersion of, 412-418  
 Britain, prospective population of, 604  
 British Islands and glacial epoch, 380-448-455  
 Brixham cave, 478-480  
 Brodie, Rev. P. B., on Insect limestones, 163, 164  
 Brora, Oolites of, 198  
 Buckland, Dr., on glacial epoch, 384  
 — Dr., on Bone caves, 461, 473  
 — Dr., on Paviland cave, 470  
 — Dr., and Caldý cave, 472  
 Building stones, 610-615  
 — — Oolitic Bath and Portland, &c., 611  
 — — Magnesian Limestone, 611-612  
 — — Carboniferous Limestone, 611  
 — — Carboniferous Sandstone, 612  
 — — Red Sandstones, old and new, 611  
 — — Caradoc Sandstone, 611  
 Builth, Upper Llandovery rocks, 92  
 — Lower Silurian and volcanic rocks of, 72, 77