

## TABLE OF CONTENTS.

---

	Page
AUSTEN, R. A. C., Esq. On the Valley of the English Channel. . . .	69
— On the Age and Position of the Fossiliferous Sands and Gravels of Farringdon . . . . .	454
BINNEY, E. W., Esq. Remarks on Sigillaria and some Spores found imbedded in the inside of its Roots . . . . .	17
BRODIE, Rev. P. B. On certain Beds in the Inferior Oolite, near Cheltenham. . . . .	239
BROWN, R., Esq. Section of the Lower Coal-Measures of the Sydney Coal-Field, in the Island of Cape Breton. . . . .	115
BUCKMAN, Prof. J. On some Fossil Plants from the Lower Lias . .	413
CARPENTER, W. B., Dr. On the Microscopic Structure of <i>Nummulinu</i> , <i>Orbitolites</i> , and <i>Orbitoides</i> . . . . .	21
CLEGHORN, J., Esq. On the Till near Wick, in Caithness. . . . .	385
CUMMING, Rev. J. G. On the Tertiaries of the Moray Firth. . . . .	10
CUNNINGTON, W., Esq. On a Section of the Lower Greensand at Seend, near Devizes . . . . .	453
DARWIN, C., Esq. On British Fossil Lepididæ . . . . .	439
DAVIS, J. E., Esq. On the Age and Position of the Limestone of Nash, near Presteign, South Wales . . . . .	432
DAWSON, J. W., Esq. On the Metamorphic and Metalliferous Rocks of Eastern Nova Scotia . . . . .	347
DE LA CONDAMINE, Rev. H. M. On the Tertiary Strata and their Dislocations in the neighbourhood of Blackheath . . . . .	440
DE ZIGNO, Count A. On the Stratified Formations of the Venetian Alps . . . . .	422
EGERTON, Sir Philip Grey. Palichthyologic Notes. No. 3.—On the <i>Ganoidei Heterocerci</i> . . . . .	1
EZQUERRA DEL BAYO, Don J. On the Geology of Spain. . . . .	406
FLETCHER, T. W., Esq. On Dudley Trilobites, Part 1. . . . .	235
— On Dudley Trilobites, Part 2. . . . .	402
FORBES, Prof. E. Note on Fossiliferous Deposits in the Middle Island of New Zealand . . . . .	343
HAMILTON, J. W., Esq. On the Occurrence of a Freshwater Bed of Marl in the Fens of Cambridgeshire. . . . .	451
HARKNESS, R., Esq. On the New Red Sandstone of the Southern Portion of the Vale of the Nith . . . . .	389
HOPKINS, Evan, Esq. On the Structure of the Crystalline Rocks of the Andes, and their Cleavage Planes . . . . .	364
HORNER, L., Esq. On the Discovery, by Prof. Lepsius, of Sculptured Marks on Rocks in the Nile Valley in Nubia, indicating that within the Historical Period the River flowed at a Higher Level than in Modern Times . . . . .	384

	Page
LYCETT, J., Esq., and J. MORRIS, Esq. On <i>Pachyrisma</i> , a fossil genus of Lamellibranchiate Conchifera .....	399
LYELL, Sir Charles, President. Anniversary Address in February 1850 .....	xxvii
— On Craters of Denudation, with Observations on the Structure and Growth of Volcanic Cones .....	207
MANTELL, Gideon A., Esq. On the Remains of the Dinornis and other Birds, and the Fossils and Rock-Specimens recently collected by Mr. W. Mantell in the Middle Island of New Zealand .....	319
MANTELL, R. N., Esq. On the Strata and Organic Remains exposed in the Cuttings of the Branch Railway from the Great Western Line near Chippenham, through Trowbridge, to Westbury in Wiltshire. .	310
MOORE, J. C., Esq. On some Tertiary Beds in the Island of San Domingo .....	39
— Notice of the Occurrence of Marine Shells in the Till .....	388
MORRIS, J., Esq., and J. LYCETT, Esq. On the Occurrence of Mammalian Remains at Brentford .....	201
— On <i>Pachyrisma</i> , a fossil genus of Lamellibranchiate Conchifera	399
MURCHISON, Sir R. I. On the Distribution of the Superficial Detritus of the Alps, as compared with that of Northern Europe .....	65
— On the Earlier Volcanic Rocks of the Papal States and the adjacent parts of Italy .....	281
— On the Vents of Hot Vapour in Tuscany, and their Relations to Ancient Lines of Fracture and Eruption .....	367
NICOL, Prof. J. On the Silurian Strata of the South-East of Scotland	53
— Notice of the Occurrence of Coal near Erzerom .....	367
PRESTWICH, Joseph, Jun., Esq. On the Structure of the Strata between the London Clay and the Chalk in the London and Hampshire Tertiary Systems .....	252
RUXTON, Lieut. G. F. On the Volcanic Rocks of Northern Mexico	251
SHARPE, D., Esq. Remarks on the genus <i>Nerinaea</i> , with an Account of the species found in Portugal .....	101
— On the Secondary District of Portugal which lies on the North of the Tagus .....	135
SISMONDA, Prof. E. On the Discovery of a nearly perfect Skeleton of the <i>Mastodon angustidens</i> near Asti in Piedmont .....	252
SMITH, J., Esq., of Jordan Hill. Note on the Shells found in the Till by Mr. Cleghorn .....	386
— On the Occurrence of Marine Shells in the Stratified Beds below the Till .....	386
STEVENSON, W., Esq. On a Gap in the Greywacke Formation of the Eastern Lammermuirs filled by Old Red Sandstone Conglomerate	418
STOWE, W., Esq. On a Cutting in the Railway near Buckingham. .	134
STRICKLAND, H. E., Esq. Notes on a Section of Leckhampton Hill	249
TYLOR, A., Esq. On the Occurrence of Productive Iron-Ore in the Eocene Formation of Hampshire .....	133
WESTON, C. H., Esq. On the Diluvia and Valleys in the Vicinity of Bath .....	449