

TABLE OF CONTENTS.

	Page
ABBAY, Rev. R., M.A. On the Building-up of the White Sinter Terraces of Roto-Mâhânâ	170
BONNEY, Rev. T. G. On the Serpentine and associated Igneous Rocks of the Ayrshire Coast.....	769
———. Note on the Microscopic Structure of some Welsh Rocks..	144
———, and Rev. E. HILL, M.A. The Precarboniferous Rocks of Charnwood Forest.—Part II. (Plate X.)	199
CALLAWAY, C., Esq., M.A., D.Sc. On the Quartzites of Shropshire	754
CLOUGH, C. T., Esq., B.A., and W. GUNN, Esq. On the Discovery of Silurian Beds in Teesdale	27
DAINTREE, R., Esq. Note on certain Modes of Occurrence of Gold in Australia. (Plates XVII. & XVIII.)	431
DAUBRÉE, Prof. A. On Points of Similarity between Zeolitic and Siliceous Incrustations of recent Formation by Thermal Springs, and those observed in Amygdaloids and other altered Volcanic Rocks. (Plate IV.)	73
DAVIES, T., Esq. Note on a Rock-specimen from the Centre of the so-called Porphyritic Mass to the East of Tal-y-sarn	152
———. On the Microscopic Structure of some Dimetian and Pebidian Rocks of Pembrokehire	164
DAWKINS, Prof. W. BOYD, M.A. Contributions to the History of the Deer of the European Miocene and Pliocene Strata.....	402
DAWSON, G. M., Esq., D.Sc. On the Superficial Geology of British Columbia. (Plate V.)	89
DE RANCE, C. E., Esq., and Capt. H. W. FEILDEN. Geology of the Coasts of the Arctic Lands visited by the late British Expedition under Capt. Sir George Nares, R.N., K.C.B., F.R.S. (Plate XXIV.).....	566
ENYS, J. D., Esq. On Sand-worn Stones from New Zealand	86
ETHERIDGE, R., Esq. Palæontology of the Coasts of the Arctic Lands visited by the late British Expedition under Capt. Sir George Nares, R.N., K.C.B., F.R.S. (Plates XXV.-XXIX.)..	568

	Page
ETHERIDGE, R., Jun., Esq. On our Present Knowledge of the Invertebrate Fauna of the Lower Carboniferous or Calciferous Sandstone Series of the Edinburgh Neighbourhood, especially of that Division known as the Wardie Shales; and on the First Appearance of certain Species in these Beds. (Plates I. & II.)..	1
———. Further Remarks on Adherent Carboniferous Productidæ.	498
FEILDEN, Capt. H. W., and C. E. DE RANCE, Esq. Geology of the Coasts of the Arctic Lands visited by the late British Expedition under Capt. Sir George Nares, R.N., K.C.B., F.R.S. (Plate XXIV.).....	556
FOSTER, C. LE NEVE, Esq., B.A., D.Sc. On the Great Flat Lode south of Redruth and Camborne, and on some other Tin-deposits formed by the Alteration of Granite. (Plate XXX.)	640
———. On some Tin Stockworks in Cornwall.	654
GARDNER, J. S., Esq. On the Cretaceous Dentaliidæ. (Plate III.)	56
GEIKIE, JAMES, Esq., LL.D. On the Glacial Phenomena of the Long Island, or Outer Hebrides. Second Paper. (Plate XXXIII.).....	819
———, and Prof. A. C. RAMSAY. On the Geology of Gibraltar. (Plate XXIII.)	505
GODFREY, J. G. H., Esq. Notes on the Geology of Japan	542
GUNN, W., Esq., and C. T. CLOUGH, Esq., B.A. On the Discovery of Silurian Beds in Teesdale	27
HEER, Prof. O. Notes on Fossil Plants discovered in Grinnell Land by Capt. H. W. Feilden, Naturalist of the English North-Polar Expedition	66
HICKS, H., Esq., M.D. On some Pre-Cambrian (Dimetian and Pebidian) Rocks in Caernarvonshire. With a Note by T. DAVIES, Esq.	147
———. Additional Notes on the Dimetian and Pebidian Rocks of Pembrokeshire. With an Appendix by T. DAVIES, Esq.....	153
———. On the Metamorphic and Overlying Rocks in the Neighbourhood of Loch Maree, Ross-shire	811
HILL, Rev. E., M.A., and the Rev. T. G. BONNEY, M.A. The Precarboniferous Rocks of Charnwood Forest.—Part II. (Plate X.)	199
HUGHES, Prof. T. M'K., M.A. On the Pre-Cambrian Rocks of Bangor. With a Note on the Microscopic Structure of some Welsh Rocks, by Prof. T. G. BONNEY, M.A.	137
HULKE, J. W., Esq., F.R.S. Note on two Skulls from the Wealden and Purbeck Formations indicating a new Subgroup of Crocodilia. (Plate XV.).....	377
———. Note on an <i>Os articulare</i> , presumably that of <i>Iguanodon Mantelli</i>	744
JONES, Prof. T. RUPERT, F.R.S. Note on the Foraminifera and other Organisms in the Chalk of the Hebrides	739

TABLE OF CONTENTS.

v

	Page
JUDD, Prof. J. W. The Secondary Rocks of Scotland. Third Paper. The Strata of the Western Coast and Islands. With a Note on the Foraminifera and other Organisms in the Chalk of the Hebrides, by Prof. T. RUPERT JONES. (Plate XXXI.)	660
KEEPING, WALTER, Esq. On <i>Pelanechinus</i> , a new Genus of Sea-urchins from the Coral Rag. (Plate XXXIV.)	924
LAPWORTH, C., Esq. The Moffat Series. (Plates XI.-XIII.)	240
MARR, J. E., Esq. On some well-defined Life-zones in the Lower Part of the Silurian (Sedgwick) of the Lake-district	871
MAW, G., Esq., F.L.S. On an Unconformable Break at the Base of the Cambrian Rocks near Llanberris	764
MOORE, CHARLES, Esq. Notes on the Palæontology and some of the Physical Conditions of the Meux-well Deposits	914
NEWTON, E. T., Esq. Notes on a Crocodilian Jaw from the Coral-lian Rocks of Weymouth. (Plate XVI.)	398
———. Description of a new Fish from the Lower Chalk of Dover. (Plate XIX.)	439
———. Remarks on <i>Saurocephalus</i> , and on the Species which have been referred to that Genus	784
OWEN, Prof. R., C.B. On <i>Argillornis longipennis</i> , Ow., a large Bird of Flight, from the Eocene Clay of Sheppey. (Plate VI.)	124
———. On the Influence of the Advent of a higher Form of Life in modifying the Structure of an older and lower Form	421
———. On the Affinities of the <i>Mosasauridæ</i> , Gervais, as exemplified in the Bony Structure of the Fore Fin	748
PEACH, C. W., Esq. On the Circinate Vernation, Fructification, and Varieties of <i>Sphenopteris affinis</i> , and on <i>Staphylopteris</i> (?) <i>Peachii</i> of Etheridge and Balfour, a Genus of Plants new to British Rocks. (Plates VII. & VIII.)	131
PHILLIPS, J. A., Esq. On the so-called "Greenstones" of Central and Eastern Cornwall. (Plates XX.-XXII.)	471
PRESTWICH, Prof. J. On the Section of Messrs. Meux & Co.'s Artesian Well in the Tottenham-Court Road, with Notices of the Well at Crossness, and of another at Shoreham, Kent; and on the probable Range of the Lower Greensand and Palæozoic Rocks under London	902
RAMSAY, Prof. A. C., LL.D., and JAMES GEIKIE, Esq., LL.D. On the Geology of Gibraltar. (Plate XXIII.)	505
READE, T. M., Esq. The Submarine Forest at the Alt Mouth	447
———. On a Section through Glazebrook Moss, Lancashire	808
SEELY, Prof. H. G. On new Species of <i>Procolophon</i> from the Cape Colony preserved in Dr. Grierson's Museum, Thornhill, Dumfriesshire; with some Remarks on the Affinities of the Genus. (Plate XXXII.)	795

TABLE OF CONTENTS.

	Page
SHONE, W., Esq. On the Glacial Deposits of West Cheshire, together with Lists of the Fauna found in the Drift of Cheshire and adjoining Counties	383
TOMES, R. F., Esq. On the Stratigraphical Position of the Corals of the Lias of the Midland and Western Counties of England and of South Wales. (Plate IX.)	179
TWISDEN, Rev. J. F., M.A. On possible Displacements of the Earth's Axis of Figure produced by Elevations and Depressions of her Surface	35
USSHER, W. A. E., Esq. On Terminal Curvature in the South-western Counties.....	49
———. The Chronological Value of the Pleistocene Deposits of Devon.....	449
———. On the Chronological Value of the Triassic Strata of the South-western Counties.....	459
VANDEN BROECK, M. E.. On some Foraminifera from Pleistocene Beds in Ischia. Preceded by some Geological Remarks by A. W. WATERS, Esq.	196
WATERS, A. W., Esq. Geological Remarks on some Foraminifera from Pleistocene Beds in Ischia	196
WINCHELL, N. H., Esq. On the Recession of the Falls of St. Anthony	886
WYNNE, A. B., Esq. Notes on the Physical Geology of the Upper Punjab. (Plate XIV.)	347

 PROCEEDINGS.

Annual Report.....	6
List of Foreign Members	15
List of Foreign Correspondents	16
List of Wollaston Medallists	17
List of Murchison Medallists	18
List of Lyell Medallists	19
List of Bigsby Medallists	19
Financial Report	20
Award of the Medals &c.	27
Anniversary Address	34
Donations to the Library (with Bibliography)	81