

# INDEX TO VOLUME XII.

1900-1905.

	PAGE
Abstract of Treasurer's Accounts for 1899, ... ..	123
"    "    "    1900, ... ..	124
"    "    "    1901, ... ..	271
"    "    "    1902, ... ..	272
"    "    "    1903, ... ..	417
"    "    "    1904, ... ..	418
Ailsa Craig, Notes on Excursion to, ... ..	103
Alaskan Sand, ... ..	401
Altered Coal, ... ..	398
Antarctic Speculation. By James Anderson, ... ..	167
Apiocrinus, Fresh Points in the Structure of. By A. L. du Toit, ... ..	187
Arran, Tertiary Volcanic Vent in the Island of. By James Stark, ... ..	196
"Ausweichung" or Strain-slip in Schistose Rocks, Notes on the Development of. By Peter Macnair, ... ..	89
Barr, Mr. Thomas M., Notice of, ... ..	256
Basin of Annick Water, Notes on, ... ..	410
Bennie, Mr. James, Notice of, ... ..	110
Bothriolepis from Heads of Ayr, ... ..	406
Boulder-clay at Hamilton Hill, North of Glasgow. By John Smith, ... ..	65
Boulders and other Evidence of Ice-action in Lochaber. By Colin Livingston, ... ..	39
Cambrian Fauna of the North-west Highlands. By B. N. Peach, ... ..	223
Camp Siluria. By Peter Macnair, ... ..	203
Camp Siluria, Life in, ... ..	112
Carboniferous Fish Remains, Some new, ... ..	405
Carboniferous Limestones of Scotland, with their Coals. By R. W. Dron, ... ..	66
Causes of Volcanic Action. By J. G. Goodchild, ... ..	145
Chalcedony Geodes, ... ..	408
Cinnabar from Servia, ... ..	406
Circuit of Arran and Ancient Sea Levels, ... ..	96
Columnar Structure, Photographs of, ... ..	401

	PAGE
Columnar Structure in Glass Mortar, ... ..	254
Columnar Structure, Theory of. By John Wallace, ... ..	234
Constitution and Laws of the Society, ... ..	127
Craig, Mr. Robert, Notice of, ... ..	110
Crannogs, Geology of Clyde. By James Neilson, ... ..	273
Critique of "The Glacial Deposits of Ayrshire," ... ..	97
Crustaceans from Silurian Rocks, ... ..	112
Crystals dredged from Clyde, ... ..	400
Crystallisation of Rocks. By Frederick Mort, ... ..	311
Crystallised Carbonite. By John Smith, ... ..	308
Day on Ben More, Assynt, ... ..	260
Difficulties of a Young Geologist, ... ..	403
Discoverer of Thelodus, ... ..	400
Discussion of Paper on Parallel Roads, ... ..	410
Dolerites of Glasgow District, ... ..	398
Drain Section near Thornliebank. By James Neilson, ... ..	294
Drawn-out Spherulitic Structure in a Trap Dyke near Balloch Pier, Great Cumbrae. By John Smith, ... ..	62
Dykes at Loch Ranza, Arran, ... ..	406
Egypt, Physical Geography and Geology of. By Mathew Blair, ... ..	173
Elvanfoot to Wanlockhead Railway, Geology of. By John Smith, ... ..	81
Evening Excursions in 1899, ... ..	117
Evening Excursions in 1900, ... ..	122
Evening Excursions in 1901, ... ..	264
Evening Excursions in 1902, ... ..	265
Evening Excursions in 1904, ... ..	416
Excavations in Glasgow, Notes on. By John Wallace, ... ..	220
Excursions for 1899, ... ..	115
Excursions for 1900, ... ..	118
Excursions for 1901, ... ..	261
Excursions for 1902, ... ..	265
Excursions for 1903, ... ..	412
Excursions for 1904, ... ..	412
Farøe Islands, Mineralogy of. By M. Forster Heddle, ... ..	1
Farquhar, Notice of Bailie John, ... ..	245
Fault in Arran, Highland Boundary. By James Stark, ... ..	292
Fenestella, ... ..	403
Fish-Fauna of Upper Old Red Sandstone, ... ..	404
Fish Remains from Silurian Rocks, ... ..	112
Flexed Structure in the Pitchstone of Corriegills, Arran. By John Smith, ... ..	61
Fossil Fish from Orange Free State, ... ..	95
Fossil Shells from Labuan, ... ..	111

	PAGE
Fossil Wood, . . . . .	401
Fresh Points in the Structure of Apiocrinus. By A. L. du Toit,	187
Freshwater Limestone underlying a Marine Limestone near Paisley. By John Smith, .. . . .	64
Fulgurites, . . . . .	97
Gareland Cleuch, . . . . .	409
Geology of Elvanfoot to Wanlockhead Railway (with special reference to the Drift). By John Smith, . . . . .	81
Geology of the Mediterranean Seaboard. By James Stark, . . .	159
Geology of North Berwick, . . . . .	92
Geology of Portrush. By James S. M'Lennan, . . . . .	180
Geology of Rouken Glen. By Peter Macnair, . . . . .	362
Geology of Wanlockhead and Leadhills, . . . . .	401
Glaciers of Illecillewaet, . . . . .	111
Globular Structure in a Trap Rock near Neilston, Renfrewshire. By John Smith, . . . . .	62
Goldfield of North-West Ontario, Canada. By R. W. Dron, . . .	58
Granite, The Origin of. By James Anderson, . . . . .	236
“Green Beds” on Sron Aonaich and near Ardlui. By Peter Macnair,	231
Highland Grits and Quartzites, . . . . .	255
Homosteus Milleri, . . . . .	99
Hugh Miller and his Palæichthyological Work, . . . . .	257
Ice Cap and Parallel Roads of Lochaber. By Colin Livingston, . . .	326
Intrusive Rocks, Origins of. By J. G. Goodchild, . . . . .	305
Iron Crystals from Slag, . . . . .	408
Jurassic and Liassic Rocks of Yorkshire Coast, . . . . .	111
Landscape Marble, . . . . .	409
Laterite and Silicified Wood from Burma, . . . . .	259
List of Members in May, 1902, . . . . .	135
Lithology, A Geologist's Idea of, . . . . .	407
Lochaber, Boulders and Other Evidences of Ice Action in. By Colin Livingston, . . . . .	39
Loch Maree District, Geology of, . . . . .	258
Loch Tay Limestone, Outlier of. By Peter Macnair, . . . . .	318
Lower Carboniferous Rocks of Northern Britain. By J. G. Goodchild, . . . . .	16
Maps, Gift of. By Mr. Jolly, . . . . .	100
Maps, Resolution regarding Colour Printing of, . . . . .	411
Marginal Zone of the Central Highlands in the Loch Lomond— Aberfoyle Area. By A. L. du Toit, . . . . .	253

	PAGE
Marine Deposit from Table Bay, ... ..	96
Mediterranean Seaboard, Geology of. By James Stark, ... ..	159
Mineralogy of the Faröe Islands. By M. Forster Hedde, ... ..	1
Minerals, Rare Renfrewshire. By Robert S. Houston, ... ..	354
Moraine at Caticol, Arran, ... ..	406
More Important Groups of Carboniferous Plants. By Robert Kidston, ... ..	246
Murdoch, J. B., Obituary Notice of, ... .. <i>To face</i>	273
New Zealand, Description of, ... ..	402
New Zealand Sands, ... ..	401
Notes on the Development of "Ausweichung" or Strainslip in Schistose Rocks. By Peter Macnair, ... ..	89
Notes on Famous Fossils in Continental Museums, ... ..	98
Notes on the Geology and Archæology of Syria and Palestine. By James Neilson, ... ..	239
Note on Lake Basins being carved out of Rock by Glacier Ice, ...	101
Notes on a New Section of Orchard Limestone, and on Outcrops of the Neighbouring Limestones, ... ..	107
Notes on a Recent Excavation in Sauchiehall Street, Glasgow. By John Wallace, ... ..	79
Notes on a Recent Trip to Egypt. By James Neilson, ... ..	226
Notes on Scottish Carboniferous Lamellibranchiata, ... ..	98
Notes on the Shoals at Caticol Point and Kirn Point, Arran. By Charles R. Cowie, ... ..	156
Obituary Notice of J. B. Murdoch, of Capelrigg, ... .. <i>To face</i>	273
Objects of the Society, ... ..	126
Office-Bearers of the Society for Session 1901-1902, ... ..	134
Old Red Sandstone, Fish Fauna of, ... ..	404
Ore Deposits, and how they are formed. By G. R. Thomson, ...	244
Origins of Intrusive Rocks. By J. G. Goodchild, ... ..	305
Outlier of Loch Tay Limestone. By Peter Macnair, ... ..	318
Palæoxyris from Ayrshire, ... ..	407
Parallel Roads of Lochaber. By Colin Livingston, ... ..	326
Pectolite from Dalry, ... ..	408
Pectolite from Lendalfoot, ... ..	107
Perlitic Structure in Volcanic Glass, ... ..	95
Photograph of Chilian Miner, ... ..	102
Photograph of Rumbling Bridge Excursion, ... ..	409
Physical Geography and Geology of Egypt. By Mathew Blair, ...	173
Pitchstone of Corriegills, Arran, Flexed Structure in the. By John Smith, ... ..	61
Plutonic Complex at Tomnadashan, Loch Tay, Perthshire. By Peter Macnair, ... ..	247

INDEX.

423

	PAGE
Portincross, Ayrshire, Shore Section at. By James Stark, ...	74
Portrush, Geology of. By James S. M'Lennan, ... ..	180
Portrush, Geology of, ... ..	107
Posidonomya and Estheria, ... ..	399
Problem of the Marginal Highlands, ... ..	97
Proceedings for Session 1899-1900, ... ..	92
Proceedings for Session 1900-1901, ... ..	104
Proceedings for Session 1901-1902, ... ..	242
Proceedings for Session 1902-1903, ... ..	251
Proceedings for Session 1903-1904, ... ..	398
Proceedings for Session 1904-1905, ... ..	404
Productus from Coal Measures, ... ..	403
Publications of the Society, ... ..	144
Rare Renfrewshire Minerals. By Robert S. Houston, ... ..	354
Recent Work in Camp Siluria, ... ..	399
Red Quartzite Pebbles and Quartz Pebbles, ... ..	102
Reflecting Goniometer, ... ..	403
Report of the Council for 1898-1899, ... ..	92
"    "    1899-1900, ... ..	104
"    "    1900-1901, ... ..	242
"    "    1901-1902, ... ..	251
Report on the Library for 1898-1899, ... ..	94
"    "    1899-1900, ... ..	106
Rocks, Crystallisation of. By Frederick Mort, ... ..	311
Rocks in the Islands of Loch Fyne, ... ..	95
Rocks, Structure of. By Frederick Mort, ... ..	290
Rouken Glen, Geology of. By Peter Macnair, ... ..	362
Sandstone with Annelid Casts, ... ..	108
Shoals at Caticol Point and Kirn Point, Arran, Notes on. By Charles R. Cowie, ... ..	156
Shore Section at Portincross, Ayrshire. By James Stark, ... ..	74
Speculations on Surface Geology, ... ..	108
Stalactites and Geyselite, ... ..	409
Staurocephalites serrula, ... ..	100
Stroll along a Trap Dyke in Ayrshire. By J. S. M'Lennan, ... ..	214
Structure of Aberfoyle Region, ... ..	400
Structure of Igneous Rocks. By Frederick Mort, ... ..	290
Struvite from Hamburg, ... ..	259
Surface Geology of the Falls of Clyde District. By James Stark, ... ..	52
Tertiary Volcanic Vent in the Island of Arran. By James Stark, ... ..	196
Thelodus, Original Discoverer of, ... ..	400
Thomson, James, Notice of, ... ..	102
Transvaal Geology and Premier Diamond Mine, ... ..	408
Trap Sills, ... ..	402

	PAGE
Vertebrate Animals of the Coal Period. By R. H. Traquair, ...	224
Volcanic Action, The Causes of. By J. G. Goodchild, ... ..	145
Volcanic Ash with Beds of Sand and Gravel, near Neilston, Renfrewshire. By John Smith, ... ..	63
Volcanic Dust from Barbadoes, ... ..	249
Volcanic Series associated with the Schists of North Glen Sannox, Arran. By William Gunn, ... ..	192
Volcanoes : Their Causes and Effects. By J. G. Goodchild, ...	228
Wanlockhead and Leadhills, Geology of, ... ..	401
Water-divining, ... ..	408
Young, Dr. John, Notice of, ... ..	99

TRANSACTIONS  
OF THE  
GEOLOGICAL SOCIETY OF GLASGOW.