

CONTENTS—VOL. X., PART II.

PAPER	PAGE
XIX.—The Latest Volcanoes of the British Isles. By Sir Archibald Geikie, F.R.S., Director-General of the Geological Survey of Great Britain, <i>President</i> , - -	179
XX.—Evidences of the Most Recent Glaciers in the Firth of Clyde District. By James Anderson, <i>Vice-President</i> . With a Map [Plate IV.], - - - - -	198
XXI.—Remarks upon “Joints” or Natural Fractures in Limestones. By Robert Craig, - - - - -	210
XXII.—A New View of the Arran Granite Mountains. By John Smith. With a Map [Plate V.] and twenty-two Illustrations drawn by the author, - - - - -	216
XXIII.—Charred Coal, with Graphite, and Discovery of Diamonds in the Graphite at Craigmart, New Cumnock. By John Smith, - - - - -	257
XXIV.—Boulder-clay, a Marine Deposit. By Joseph Wright, F.G.S. Part First, - - - - -	263
XXV.—Boulder-clay, a Marine Deposit. By Joseph Wright, F.G.S. Part Second, - - - - -	270
XXVI.—On the Occurrence of Marine Organisms in the Boulder-clay of the Glasgow District. By James Neilson, <i>Vice-President</i> . Part First, - - - - -	273
XXVII.—On the Occurrence of Marine Organisms in the Boulder-clay of the Glasgow District. By James Neilson, <i>Vice-President</i> . Part Second, - - - - -	278
XXVIII.—On the Old Red Sandstone and Carboniferous Rocks of the North End of the Island of Arran. By James Neilson, <i>Vice-President</i> , - - - - -	280
XXIX.—On the Altered Basic Rocks of the Highlands as exemplified by the Sill of Hornblende Schist underlying the Loch Tay Limestone. By Peter Macnair. With a Plate [No. VI.] and Illustrations in the text, - - - - -	302
XXX.—On the Discovery of Fossil Microscopic Plants in the Fossil Amber of the Ayrshire Coal-field. By John Smith. With a Plate [No. VII.], - - - - -	318
XXXI.—On the Genera <i>Lycopodites</i> and <i>Psilophyton</i> of the Old Red Sandstone Formation of Scotland. By James Reid and Peter Macnair. With Three Illustrations, - - - - -	323

PAPER	PAGE
XXXII.—Dry River Channels in the Neighbourhood of Muirkirk. By John Smith. With an Illustration, - - -	331
XXXIII.—Notes on the Ostracoda found in the Lacustrine, or Freshwater, Strata of the Campsie District, which alternate with the Lower Beds of the Carboniferous Marine Limestone Series. By John Young, LL.D., F.G.S., - - - - -	334
XXXIV.—The Coast-line of Berwickshire from Eyemouth to Marshall Meadows Bay. By James S. M'Lennan, -	337
XXXV.—On the High-Level Shelly Deposits, and their Bearing on the Question of Submergence, with Special Reference to the Recent [Third] Edition of Dr. James Geikie's "Great Ice Age." By Dugald Bell, F.G.S. [Abstract]	346
XXXVI.—On the Occurrence of Pumice Pebbles in the Raised- beaches of Ayrshire. By John Smith, - - -	349
Proceedings for Thirty-seventh Session, 1894-95, including Notes on Specimens exhibited, &c., - - - -	354
Proceedings for Thirty-eighth Session, 1895-96, including Notes on Specimens exhibited, &c., - - - -	367
Report of the Council for 1893-94, - - - - -	355
Report of the Council for 1894-95, - - - - -	368
Excursions in 1894, - - - - -	356
Excursions in 1895, - - - - -	369
Kelvin, Lord, Jubilee Celebration of, - - - - -	384
Kelvin, Lord, Facsimile of Address to, - - - - -	385
Abstract of Treasurer's Accounts for 1893-94, - - -	386
Abstract of Treasurer's Accounts for 1894-95, - - -	387
Office-bearers for Session 1896-97, - - - - -	388
List of Members as at November, 1896, - - - - -	389
Publications of the Society, - - - - -	397
Index to <i>Transactions and Proceedings</i> , Vol. X., 1892-96,	398
List of Illustrations in Vol. X., - - - - -	423

ILLUSTRATIONS, VOL. X., PART II.

	PAGE
Plate IV. Map of the Clyde District, showing the position of the Latest Glaciers, - - - - -	198
„ V. Map of the Granitic Area in Arran, - - - - -	216
„ VI. Hornblende Schist—Porphyritic Hornblende Schist, -	302
„ VII. Microscopic Plants in Amber (Middletonite) from Coal,	322
Maps, Sections, and Illustrations in the Text—	
Arran—Fig. 1. Section—Kilbrannan Sound to Beinn Bharrain, -	218
„ 2. Dyke between Beinn Bharrain and Beinn Bhreac,	220
„ 3. Anticline in Granite Slabs, Beinn Bharrain, -	221
„ 4. Terraces in Slate and Granite, Meall-Biorach, -	222
„ 5. Short Granitic Slabs on Beinn Tarsuin, - -	225
„ 6. Granite Cabbage-like Rock, - - - -	226
„ 7. Section of South Sail Chalmadale, - - -	231
„ 8. Slate dipping on Granite on Torr Nead an Eoin,	232
„ 9. Section from Loch Ranza to Torr Nead an Eoin,	233
„ 10. Faults in Slate on Torr Nead an Eoin, - -	233
„ 11. Curiously-shaped Stones, - - - -	234
„ 12. Summit of Beinn á Chliabhain, - - - -	239
„ 13. Divisional Joints of a Slab <i>in situ</i> , - - -	242
„ 14. East side of Cioch na h-Oighe, - - - -	244
„ 15. Outcrop of Slabs on east side of Glen Sannox, -	245
„ 16. Fine-grained Granite Vein, - - - -	248
„ 17. Diagram of the Granitic Area, - - - -	249
„ 18. Twisted Slate with Quartz Vein, - - - -	250
„ 19. Glen Rosa Syncline, - - - - -	246
„ 20. Summit of Beinn á Chir, - - - - -	251
„ 21. Section from Sail Chalmadale to Tormore, -	252
„ 22. Diagrammatic Section across the Granitic Area,	255
Porphyritic Hornblende Schist, - - - - -	306
Banded Hornblende Schist, - - - - -	308
Sketch Map of the Loch Tay District, - - - -	313
Section of the Loch Tay District, - - - - -	314
Restoration of <i>Psilophyton princeps</i> , - - - -	328
<i>Lycopodites Reidii</i> , showing stem, leaves and sporangia, -	330
<i>Lycopodites Reidii</i> , showing sporangia, - - - -	330
Dry River Channels near Muirkirk, - - - - -	331