

CONTENTS—VOLUME XIV., PART III.

PAPER	PAGE
VIII. The Polmont Kame, and on the Classification of Scottish Kames. By J. W. Gregory, D.Sc., F.R.S., - - -	199
IX. The Petrology of the Kilpatrick Hills, Dumbartonshire; with Notes on the Scottish Carboniferous Basalts. By G. W. Tyrrell, A.R.C.Sc., F.G.S., - - - - -	219
X. The Sandstones of the Upper Red Barren Measures to the East of Glasgow. By Wm. R. Smellie, M.A., B.Sc., -	258
XI. The Garriongill Section at Overtown, near Wishaw. By M. Macgregor, B.Sc., - - - - -	279
XII. Variolites from Upper Loch Fyne and Skye. By G. W. Tyrrell, A.R.C.Sc., F.G.S., - - - - -	291
XIII. Notes on the Occurrence of Chalcedony, Agate, and Crystalline Quartz in the Lavas of the Campsie Hills. By James W. Reoch, - - - - -	303
XIV. On the Distribution of <i>Posidonomya corrugata</i> , Ether. Jun., in the Carboniferous Limestone of the Glasgow District. By Peter Macnair, F.R.S.E., F.G.S., and Harry R. J. Conacher, - - - - -	309
XV. Notes on the Geological Survey Memoir—"The Geology of the Glasgow District." By James Neilson, - - -	323
Proceedings of the Geological Society of Glasgow. Report of the Council, - - - - -	344
Abstract of the Treasurer's Accounts, for 1910-1911, - -	365
Office-Bearers for Session 1911-1912, - - - - -	367



LIST OF ILLUSTRATIONS—VOLUME XIV., PART III.

	PAGE
Plate XXVII. Map of the Glacialuvial Kame near Polmont, <i>to face</i>	200
„ XXVIII. Map of the Kilpatrick Hills, Dumbartonshire, - - - - - „	219
„ XXIX. Variation-diagram of the Microporphyrific Basalts of the Scottish Carboniferous, - „	252
„ XXX. Fig. 1. Photo micrograph of Heavy Minerals from Sandstone. Fig. 2. Photo micrograph of Thin Section of “Whin,” - „	278
„ XXXI. Fig. 3. Photo micrograph of Thin Section of Sandstone (White Top Rock), Fallside. Fig. 4. Spherulitic Jointing in Sandstone, Bothwell Park Quarries, Fallside, „	278
„ XXXII. Sketch Map of Garriongill, - - - - - „	290
„ XXXIII. Fig. 2. Variolitic Dyke near Strone Point, Loch Fyne. Fig. 3. Detail of Variolitic Margin of the Dyke, - - - - - „	302
„ XXXIV. <i>Posidonomya corrugata</i> , Ether., - - - - - „	309
„ XXXV. Comparison of Sections at Thornton Old Quarry and South Hill Campsie, - - - „	334

FIGURES IN THE TEXT.

---

	PAGE
Sections across the Polmont Kame, - - - - -	206
Relations of the Carstairs Kames to the upper Clyde Valley Glacier,	214
Sketch Map of the Kames, - - - - -	216
Diagram illustrative of Changes in Sandstone, - - - - -	269
Plan of Variolitic Dyke near Strone Point, Loch Fyne, - - - - -	293
Section of Calderwood Cement Group, Burnbrae, - - - - -	320
Section of Calderwood Cement Group, Calderwood Glen, - - - - -	320

---

TABLES IN THE TEXT.

---

Composition of Gravels, Polmont Kame, - - - - -	204
Synopsis of the Carboniferous Basalts, - - - - -	233-4
Comparative Analyses of Basalts, - - - - -	244
Comparative Analyses of Basalts, - - - - -	247
Comparative Analyses of Basalts, - - - - -	250
Comparative Analyses of Basalts, in Norms, - - - - -	251
Lamellibranch Fauna of Coal Measures of Nebraska, - - - - -	338