CONTENTS—VOL. IV.

On the Sutherlandshire Gold Fields. By William Cameron, 1

On the Section in Cowden Glen, Neilston, Renfrewshire, with Remarks on the Upper Boulder Clay. By Robert Craig, 17


IV. On the Boulders found in Cuttings on the Beith Branch Railway, in relation to their Parent Rock; with Remarks on the Local Character of the Boulder Clay. By Robert Craig, 45

V. On a Specimen of Acanthodes Wardii, Egerton, from the Lanarkshire Coal Field. By James Thomson, F.G.S. (Plate IV.), 57

VI. On Ctenacanthus Hyboides, Egerton. By James Thomson, F.G.S. (Plates II., III.), 59

VII. On the Aspects of Clydesdale during the Glacial Period. By Dugald Bell, Hon. Secretary, 63

Proceedings, 1869-70 and 1870-71, 70, 89

Summer Excursions, 1870 and 1871, 85, 100

List of Members, 102

VIII. Some Points in Geological Terminology. By John Young, M.D., F.G.S., 109

IX. Notes on a Section of Strata containing Beds of Impure Coal, at Glenarbuck, near Bowling. By John Young, V.P., 123

X. The Post-Tertiary Fossiliferous Beds of Scotland. XIII. Kilchattan, Bute. XIV. Tangy, Campbeltown. By David Robertson, F.G.S., and Rev. H. W. Crosskey, F.G.S., 128


XII. On the Silurian Rocks of the South of Scotland. By Charles Lapworth, 164


XIV. On some Recently-Exposed Sections in the Paisley Clay-beds, and their Relation to the Glacial Period. By Rev. William Fraser, LL.D., 178


XVI. Notes on Carboniferous Fossils. By James Thomson, F.G.S., Vice-President, 187

XVII. Notes on the Pitchstone at Corriegills, Arran. By Dugald Bell, Hon. Secretary, 190
### CONTENTS

<table>
<thead>
<tr>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>XVIII. Biographical Notice of the late John Scouler, M.D., LL.D., F.L.S., some time President of the Society. By William Keddie, F.R.S.E., 194</td>
</tr>
<tr>
<td>Proceedings, 1871-72, 206</td>
</tr>
<tr>
<td>Summer Excursions, 1872, 223</td>
</tr>
<tr>
<td>Donations to the Library, 227</td>
</tr>
<tr>
<td>List of Members, 228</td>
</tr>
<tr>
<td>XIX. Note on the Occurrence of Erratics at higher levels than the Rock-masses from which they have been derived. By James Geikie, F.R.S.E., F.G.S., of H.M. Geological Survey of Scotland, 235</td>
</tr>
<tr>
<td>XXI. Note on the Precipitation of Clay in Fresh and Salt Water. By David Robertson, F.G.S., 257</td>
</tr>
<tr>
<td>XXII. On the Probable Source of Certain Boulders in the Till of the Glasgow District. By John Young, V.P., 259</td>
</tr>
<tr>
<td>XXIII. On the Occurrence of Saccammina Carteri (Brady) in the Limestone Series of the Lanarkshire Coalfield. By John Young, V.P., 263</td>
</tr>
<tr>
<td>XXIV. The Fossils of the Carboniferous Strata of the West of Scotland. By John Young, Vice-President, and James Armstrong, formerly Hon. Secretary, 267</td>
</tr>
<tr>
<td>XXV. On Some Sections of Carboniferous Limestone near Busby. By James Neilson, Jun., 282</td>
</tr>
<tr>
<td>XXVI. On the Geology of the North-Eastern District of Yorkshire. By Thomas M. Barr, C.E., 291</td>
</tr>
<tr>
<td>XXVII. Notes on the Glaciation of the West of Scotland, with reference to some recently-observed instances of Cross-Striation. By Dugald Bell, Hon. Secretary, 300</td>
</tr>
</tbody>
</table>

#### ABSTRACTS OF PAPERS:

<table>
<thead>
<tr>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. President's Address, 311</td>
</tr>
<tr>
<td>II. On the Stratified Rocks of Islay. By James Thomson, F.G.S., Vice-President, 313</td>
</tr>
<tr>
<td>III. On the Geology of Lewis. By James Thomson, F.G.S., V.P., and Henry Caunter, Esq., 315</td>
</tr>
<tr>
<td>Proceedings for the Year 1872-73, 317</td>
</tr>
<tr>
<td>Summer Excursions, 1873, 325</td>
</tr>
<tr>
<td>Supplement—Conversazione, 6th December, 1872, 328</td>
</tr>
<tr>
<td>Abstract of the Treasurer's Accounts, for the Year ending 30th September, 1872, 337</td>
</tr>
<tr>
<td>List of Members, 339</td>
</tr>
</tbody>
</table>
CONTENTS.

ILLUSTRATIONS.

Plate  I. Plan of Garvel Park, New Dock, - - - - - - - - 32
      II. Ctenacanthus hyboides, Egerton, - - - - - - - - 59
      III. Do., Do., Do., - - - - - - - - 59
      IV. Acanthodes Wardii, Egerton, - - - - - - - - 59
      V. Plan of Stobcross, showing position of borings, - - - 250
      VI. Map of North-Eastern District of Yorkshire, - - - - 291

WOODCUTS.

Section of Strata at Glenarbuck, Bowling, - - - - - - - 125
Section at Kilchattan, Bute, - - - - - - - - 129
Section at Tangy Glen, Campbeltown, - - - - - - - - 134
Sketch of Corriegills, Arran, - - - - - - - - 193
Section at Stobcross, - - - - - - - - 246
Section Fig. showing depths of bores, - - - - - - - 251