

CONTENTS

	PLATES	PAGE
I. ALEX. BREMNER, The Glaciation of Abernethy Forest	I.-II.	1
II. ALEX. BREMNER, The Glaciation of Moray and Ice Movements in the North of Scotland	III.	17
III. T. CUTHBERT DAY, An Intrusive Junction between Jurassic Sandstones and Tertiary Granite, south-east of Dunan, Isle of Skye	IV.-V.	57
IV. D. TAIT, Braid Burn, Duddingston, and Portobello Excavations, 1929-31		61
V. C. B. BISSET, A Contribution to the Study of Some Granites near Aberdeen		72
VI. H. R. J. CONACHER, Native Hydrocarbons associated with the Oil Shales of the Lothians		89
VII. J. ADAM WATSON, Crawford Muir: Its Mining History and Minerals		98
VIII. ROBERT CAMPBELL, William Mackie, M.A., M.D., LL.D., Physician and Geologist	VI.	106
IX. D. TAIT, Excavations in the Old Lake Deposits at Corstorphine during 1930-32		110
X. ROBERT CAMPBELL and ANDREW G. STENHOUSE, The Occurrence of Nepheline and Fayalite in the Phonolitic Trachyte of the Bass Rock	VII.	126
XI. C. B. BISSET, Some Minor Intrusions in South-Central Aberdeenshire		133
XII. ROBERT CAMPBELL, T. CUTHBERT DAY and ANDREW G. STENHOUSE, The Braefoot Outer Sill, Fife	VIII.-IX.	148
XIII. ALEX. BREMNER, Meltwater Drainage Channels and other Glacial Phenomena of the Highland Border Belt from Cortachy to the Bervie Water		174
XIV. ROBERT CAMPBELL, On the Occurrence of Shelly Boulder Clay and Interglacial Deposits in Kin-cardineshire	X.	176
Record of Papers read and of Exhibits, Sessions 1931-1933		184
Excursions in 1932-1933		187
Office-Bearers for 1931-1932		189
Office-Bearers for 1932-1933		190

CENTENARY CELEBRATIONS

	PLATES	PAGE
CENTENARY CELEBRATION	XI-XII	193
HISTORY OF THE SOCIETY		228
PUBLICATIONS OF THE SOCIETY		271
OFFICE-BEARERS FOR 1933-1934		273
I. INTRODUCTION		193
II. RECEPTION OF DELEGATES		195
III. VISITS TO ROYAL SCOTTISH MUSEUM AND H.M. GEOLOGICAL SURVEY OFFICES		198
IV. CIVIC RECEPTION		200
V. ADDRESSES		201
BY SIR T. H. HOLLAND		202
PROFESSOR F. D. ADAMS		209
PROFESSOR BARON GERARD DE GEER		215
PROFESSOR C. F. KOLDERUP		217
PROFESSOR W. N. BENSON		221
VI. EXCURSION		223
VII. CENTENARY DINNER		223
VIII. PEACH AND HORNE MEMORIAL FUND		227
IX. HISTORY OF THE SOCIETY		228
XV. FREDERICK WALKER, The Geology of the Isle of May		275
XVI. D. TAIT, Excavations in the Superficial Deposits of the Cowgate		286
XVII. SIR JOHN FLETT, The First Geological Map of Scot- land		291
XVIII. D. TAIT, A Journal of and Notes on a Bore for Water at Messrs Bartholomew's Works, Duncan Street, Edinburgh		304
XIX. J. PRINGLE, Ammonites from a Transported Mass of Jurassic Clay at Plaidy, Aberdeenshire, with the Description of a New Species	XIII.-XIV.	308
XX. T. CUTHBERT DAY, The Presence of Iron Oxide and Dolomite in the Trachyte Lavas on the Fore- shore at Weak Law	XV.-XVII.	311
XXI. A. G. MACGREGOR, The Composite Sill of St Leonard's Craig and Heriot Mount, Edinburgh	XVIII.	317
XXII. M. MACGREGOR, Obituary Notice of Dr H. M. Cadell	XIX.	332
XXIII. GEORGE A. CUMMING, The Structural and Volcanic Geology of the Elie-St Monance District, Fife	XX.-XXI.	340

CONTENTS		vii
	PLATES	PAGE
XXIV. R. J. A. ECKFORD and F. WALKER, Tholeiite Dykes of the Moorfoot Hills		366
XXV. MOWBRAY RITCHIE and R. J. A. ECKFORD, The "Haggis Rock" of the Southern Uplands	XXII.	371
XXVI. ALEX. BREMNER, The Glaciation of Glenesk		378
Record of Papers read and of Exhibits, Sessions 1933-34 and 1934-35		383
Excursions in 1934-1935		389
The T. Cuthbert Day Bequest; The Clough Memorial Research Fund and Clough Medal; Awards of the Clough Memorial Research Fund and Clough Medal.		391
Office-bearers for 1934-1935		392
XXVII. J. E. RICHEY The Dykes of Scotland.		393
XXVIII. G. A. GOODLET, Petrified Plants from the Midlothian Coal Basin	XXIII.	436
XXIX. D. HALDANE, Note on the Nullipore or Coralline Sand of Dunvegan, Skye	XXIV.	442
XXX. DAVID TAIT, Recent Bores for Water in Edinburgh and the Correlation of some Bore Sections		445
XXXI. DAVID TAIT, On a Bore for Water at Beaverhall Road		453
XXXII. DAVID TAIT, The National Bank Excavation, St Andrew Square, 1936-37		457
XXXIII. R. J. A. ECKFORD and MOWBRAY RITCHIE, The Igneous Rocks of the Kelso District		464
XXXIV. ALEXANDER BREMNER, The Late-Glacial Geology of the Tay Basin from Pass of Birnam to Grandtully and Pitlochry		473
XXXV. ALEXANDER BREMNER, Notes on the Glacial Geology of East Aberdeenshire		474
XXXVI. FREDERICK WALKER, The Geology of Maiden Island, Oban		475
Record of Papers read and of Exhibits, Sessions 1935-36, 1936-37 and 1937-38		483
Excursions in 1936, 1937 and 1938		487
The Clough Memorial Research Fund and Clough Medal; Awards of the Clough Memorial Research Fund and Clough Medal		489
Index		491
Office-Bearers for 1935-36, 1936-37, 1937-38, and 1938-39		495