Carboniferous and Permian igneous rocks of Great Britain

Title page and preliminaries List of contributors Acknowledgements Access to the countryside Preface N.V. Ellis 1 Carboniferous and Permian igneous rocks of Great Britain north of the Variscan Front: an introduction Introduction GCR site selection Tectonic setting and evolution Magma source and evolution Xenoliths and megacrysts 2 Dinantian volcanic rocks of the Midland Valley of Scotland and adjacent areas Introduction North Berwick Coast, East Lothian Garleton Hills, East Lothian Traprain Law, East Lothian Arthur's Seat Volcano, City of Edinburgh Burntisland to Kinghorn Coast, Fife Touch, Fintry and Gargunnock Hills, Stirling Campsie Fells, Stirling and East Dunbartonshire **Dumbarton Rock, West Dunbartonshire** Dunrod Hill, Inverclyde Machrihanish Coast and South Kintyre, Argyll and Bute Heads of Ayr, South Ayrshire 3 Dinantian volcanic rocks of the Northumberland, Solway and Tweed basins

Gill Beck, Cumbria

Introduction

Little Mell Fell Quarry Cumbria
Langholm-Newcastleton Hills, Dumfries and Galloway and Scottish Border.
Lintmill Railway Cutting, Scottish Borders
Hareheugh Craigs, Scottish Borders
Cottonshope Head Quarry Northumberland
Kershope Bridge, Scottish Borders
River Esk, Glencartholm, Dumfries and Galloway
4 Silesian and Early Permian volcanic rocks of Scotland
Introduction
East Fife Coast, Fife
Howford Bridge, East Ayrshire
Carron Water, Dumfries and Galloway
5 Alkaline basic sills and dykes of Scotland
Introduction
South Queensferry to Hound Point, City of Edinburgh
Ardrossan to Saltcoats Coast, North Ayrshire
Lugar, East Ayrshire
Benbeoch, East Ayrshire
Craighead Quarry, South Lanarkshire
Dubh Loch, Isle of Colonsay, Argyll and Bute
6 Tholeiitic sills and dykes of Scotland and northern England
Introduction
North Queensferry Road Cuttings, Fife
Wallstale, Stirling
Lomond Hills, Fife
Gloom Hill, Dollar, Clackmannan
Mollinsburn Cuttings, North Lanarkshire
Corsiehill Quarry, Perth and Kinross

Bothel Craggs Quarry, Cumbria

Whin Sill Exposures in Upper Teesdale, County Durham
Steel Rigg to Sewingshields Crags, Northumberland
Longhoughton Quarry, Northumberland
Cullernose Point to Castle Point, Northumberland
Budle Point to Harkess Rocks, Northumberland
Greenfoot Quarry, County Durham
Holy Island, Northumberland
Wydon, Northumberland
7 Carboniferous and Permian igneous rocks of central England and the Welsh Borderland
Introduction
Litton Mill Railway Cutting, Derbyshire
Water Swallows Quarry, Derbyshire
Tideswell Dale, Derbyshire
Calton Hill, Derbyshire
Clee Hill Quarries, Shropshire
Barrow Hill, Dudley
Middle Hope, North Somerset
Spring Cove, North Somerset
Golden Hill Quarry, Monmouthshire
References
Glossary
Index
Figures and tables
<u>Tables</u>
References