
Contents

[Fife and Angus geology title page and preliminaries](#)

Illustrations

Maps

Preface

Acknowledgements

[Introduction](#)

Geographical setting

Geological setting

Scope of the guide and further references

The Geological Code of Conduct

Tides

Geology of the area

[Chapter 1 Dalradian](#)

Structure

Metamorphism

[Chapter 2 The Highland Border Complex](#)

[Chapter 3 Devonian \(Old Red Sandstone\)](#)

Lower Old Red Sandstone

Earth movements of Middle Old Red Sandstone age

Upper Old Red Sandstone

[Chapter 4 Carboniferous](#)

Inverclyde Group

Strathclyde Group

Lower Limestone Formation

Limestone Coal Formation

Upper Limestone Formation

Passage Formation

Coal Measures

Carboniferous earth movements

Carboniferous Intrusive igneous rocks

Intrusion mechanism of the Carboniferous-

Permian vents

[Chapter 5 Quaternary](#)

Glaciers

Till

Meltwater features

Raised beaches

The late-glacial and postglacial history of the area

[Descriptive Itineraries](#)

[Excursion 1 Arbroath, Crawton and Stonehaven \(whole day\)](#)

[Excursion 2 Edzell and Glen Esk \(whole day\)](#)

[Excursion 3 Dundee to Perth \(whole day\)](#)

[Excursion 4 Comrie Igneous Complex \(whole day\)](#)

[Excursion 5 Wormit Shore \(half day\)](#)

[Excursion 6 St Fort–Leuchars \(half day\)](#)

[Excursion 7 North Fife Hills \(half day\)](#)

[Excursion 8 Drumcarrow and Dura Den \(half day\)](#)

[Excursion 9 Kinkell Braes, St Andrews \(half day\)](#)

[Excursion 10 Rock and Spindle, St Andrews \(half day\)](#)

[Excursion 11 Kingsbarns – Randerston \(half day\)](#)

[Excursion 12 Pittenweem – St Monans \(half day\)](#)

Part 1. The Strathclyde Group

Part 2. The Lower Limestone Formation

[Excursion 13 St Monans–Ardross \(half day\)](#)

[Excursion 14 Ardross–Elie Harbour \(half day\)](#)

[Excursion 15 Kincaig \(half day\)](#)

[Excursion 16 East Lomond\(half day\)](#)

[Excursion 17 Bishop Hill \(half day\)](#)

[Excursion 18 Kinghorn–Kirkcaldy \(whole day\)](#)

[Figures, plate, tables and maps](#)