

feature along the eastern coast [381]. Above Rothesay one of the large Tertiary dykes crosses the island, and appears to be the same as one continued in the same line across Cantyre to Loch Tarbert [see 149].

10. AYRSHIRE AND GALLOWAY

This excursion is best made from Glasgow, unless the traveller takes it by way of Dumfries as he enters Scotland. The north of Ayrshire is indebted for most of its picturesqueness to the great number and variety of the volcanic rocks associated with the Carboniferous system [338, 358]. The long range of terraced hills which forms the chain of the Fintry, Campsie, and Kilpatrick Fells swells out to a great mass in the west of Renfrewshire, where some of the chief vents of eruption lay. In the high grounds about Misty Law, above Kilbirnie, some of these ancient vents have been dissected by denudation. The coast scenery is particularly charming from the Cloch Lighthouse to Portincross, this charm arising from the intermingling of sedimentary and volcanic rocks, from the platform of the raised beach, with the rocky, wooded bank that rises along its inner margin, and from the delightful sea-views across to Arran, Bute, the Cumbraes, and Argyllshire.

In descending into the Ayrshire coal-field we cross a zone of eruptive rocks near Troon, which rise into conspicuous hills at Dundonald. **Ayr** may be made the centre for several interesting excursions : (1) The ravines of the river Ayr, particularly those in the Permian sandstones ; (2) the scenery of the River Doon up to Loch Doon and the great Galloway cauldron [320] ; (3) the coast from Ayr to Girvan. The picturesque promontories of Greenan Castle and the Heads of Ayr mark the position of volcanic vents of Lower Carboniferous age. Farther south the coast is formed of Lower Old Red Sandstones, conglomerates, and associated volcanic rocks. The finest part of the cliffs will be found at Culzean Castle ; (4) Brown Carrick Hill, from which splendid views are had across the Bay of Ayr and over to Arran, Ailsa Craig and Cantyre, and where examples of the Galloway granite boulders may be seen [314, 375, 377].

Galloway [287, 291, 308, 314, 318, 377] is not much