wilderness of granite blocks and ice-worn knolls of rock, the traveller, for miles together, can see no trace of human occupation. Around the New Galloway Station the roches moutonnées are particularly fresh. New Galloway is the best point from which to visit the eastern rim of the Galloway cauldron and the corries on the sides of the Rhinns of Kells, with their tarns and moraines (Loch Dungeon, Loch Harrow, etc.) There is also an excellent road which has been carried through the moraines, northward to Dalmellington.

From Castle-Douglas the branch line to Kirkcudbright should be followed if the traveller desires to explore the coast-line east of Kirkcudbright Bay, where some admirable sections of contorted rocks may be seen.

Around Dalbeattie the chief topographical feature is the irregular hummocky surface produced by the weathering of the granite. Criffel, the most easterly of the granite bosses of Galloway, is best ascended from the east side, which may be reached, either from Dumfries, or by taking the coast road, round from Dalbeattie.

## 11. EDINBURGH AND GLASGOW TO ABERDEEN

A choice of routes is available for this traverse of the country. From Glasgow the direct route is by Stirling and Perth. From Edinburgh, besides this line of approach, there is the shorter journey across the Forth at the Burntisland Ferry, and thence by the Tay Bridge across the Firth of Tay. When the Forth Bridge is completed, the usual route to Aberdeen from Edinburgh and the south will be by the two great bridges across the estuaries of the Forth and Tay.

(1.) By Stirling and Perth.—The first part of this journey has already been described. At Bridge of Allan the train enters upon the Lower Old Red Sandstone, and continues on that formation until it reaches the east coast at Stone-haven. Striking up Strathallan the line crosses the Allan Water several times, and then bends eastward among abundant Kames [369], skirting the northern front of the Ochil Hills on the right, and allowing good views to be obtained, to the left, of the range of Highland hills from Uam Var [337], eastward by Ben Vorlich to the heights above Dunkeld. After the watershed of the country is crossed between Blackford and