

were lakes [372]. The terraced southern front of the Campsie Hills is well seen from the railway after passing Castlecary Station [333]. Traversing some cuttings in the sandstones of the Carboniferous limestone series at Bishop-Briggs, the train enters the tunnel at Cowlairs, and soon brings the traveller into the heart of Glasgow.

9. GLASGOW AND ITS NEIGHBOURHOOD

Glasgow is an excellent centre for making acquaintance with the topography of the western part of the Midland Valley and of the South-western Highlands. The facilities for locomotion in all directions are so great that a large amount of ground may be traversed in a few days. Perhaps the first subject that will attract the attention of the geologist is the River Clyde and its relation to the topographical features of the region. At Glasgow and for some distance both up and down the stream the alluvial platforms and terraces of erosion [380] may be observed. The youngest alluvial platform is that on which the lower parts of the city on both sides of the river are built. It is well seen from the railway to Paisley, being more than a mile broad on the south side of the Clyde. Alluvial haughs are also conspicuous above Glasgow as far as Cambuslang, and again above Bothwell. The 100-foot terrace of erosion [380] extends up the valley nearly as far as the entrance to the gorge which the river has cut in the upper Coal-measures for about two miles below Bothwell. The 50-foot terrace runs down the valley below Glasgow, and is well seen on the north side from Partick to beyond Dalmuir, and on the south side at Paisley, to the west and north of which it forms a wide plain [369]. The erosive action of the river is well seen in the Bothwell gorge, but still better in the ravine which contains the well-known Falls of Clyde [350]. This interesting locality is best visited from **Lanark**. The traveller ought also to include in his examination the ravine of the Mouse Water [351, 372], and, if time allows, he may also embrace the remarkable series of Kames at Carstairs [371].

From various eminences in the immediate vicinity of Glasgow good views of the surrounding country may be obtained. Even from the higher crescents and terraces of the west end of the city, and from the College Grounds, glimpses may be had