

albite, or anorthite, with pyroxene and chlorite; in its fresh state, dark-green. Sp. gr. 2.7-2.9; contains silica 43-56 p. c. Diabase was first raised to the rank of a separate rock, and distinguished from other greenstones by Haussmann. It occurs near Berneck, and Saalburg, both in the Fichtelgebirge.<sup>1</sup>

In Co. Mayo, a peculiar class of rocks occurs, composed of orthoclase felspar, augite, and chlorite; thus differing from diabase in the species of the constituent felspar. Magnetite is also present, and when the felspar crystals are porphyritically developed it has a very handsome appearance. Of this rock some hills near Swinford are formed.

MICA-TRAP. (*Minette, Fr. Glimmertrapp, Germ.*) In this place I insert the rock of the above name; notwithstanding that, according to Zirkel, the felspar is essentially orthoclase,<sup>2</sup> because it occurs amongst the geological formations in a manner precisely analogous to that of diorite, and seems to represent this rock over special districts. It is composed of orthoclase felspar, mixed with much mica, and occasionally hornblende, pyrites, &c., as accessories; it is generally tough, and weathers rusty brown.

Minette occurs in the form of intrusive dykes or beds, amongst the Silurian rocks of Wicklow, Cavan, Monaghan, and Down; also in Co. Wicklow and

<sup>1</sup> B. von Cotta, Eng. version, p. 146.

<sup>2</sup> Petrog. i. 450; also B. von Cotta, Rocks, Eng. vers. p. 174.