

decrease. Indeed, the taller a volcanic cone grows, the less frequently as a rule does it erupt. The lofty volcanoes of the Andes have each seldom been more than once in eruption during a century. The Peak of Teneriffe (Fig. 61) was three times active during 370 years prior to 1798.¹²¹ The

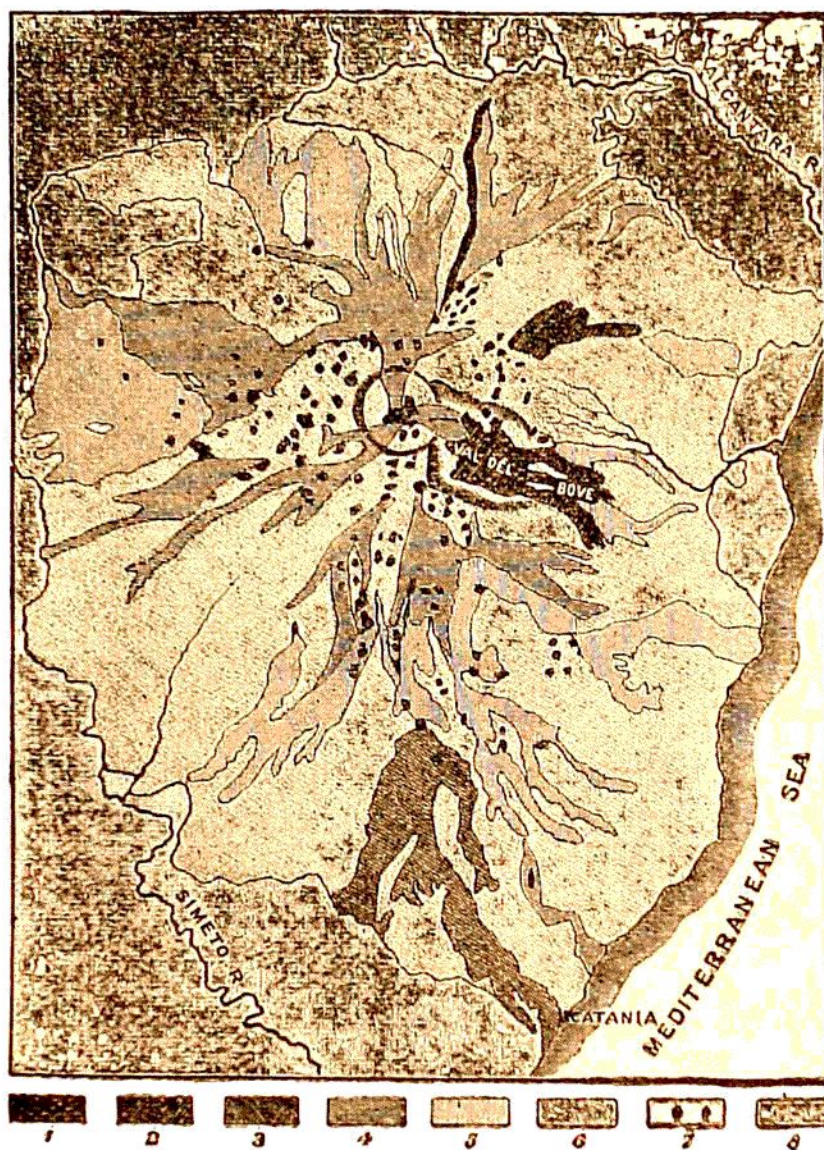


Fig. 62.—Map of Etna, after Sartorius von Waltershausen.

- 1, Lava of 1879; 2, Lavas of 1865 and 1852; 3, Lava of 1669; 4, Recent Lavas; 5, Lavas of the Middle Ages; 6, Ancient Lavas of unknown date; 7, Cones and Craters; 8, Non-volcanic Rocks.

earlier efforts of a volcano tend to increase its height, as well as its breadth; the later eruptions chiefly augment the breadth, and are often apt to diminish the height by blowing away the upper part of the cone. The formation of fissures and the consequent intrusion of a network of lava-

¹²¹ For a recent account of Teneriffe, see A. Rothpletz, *Petermann's Mittheil.* xxxv. (1889), p. 237.