Chapter 5. The volcanic relief

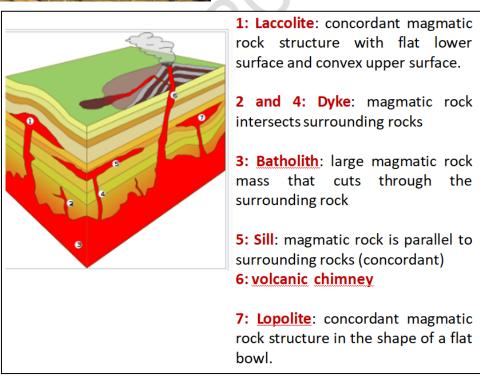
Magmatic rocks come from the cooling of magma. They are classified as volcanic (or extrusive) when formed during eruptions at the Earth's surface, or as plutonic (or intrusive) when they cool and crystallize at depth.

5.1. Intrusive igneous rocks: deep magma cooling

A batholith is an allochthonous pluton formed when magma is trapped and cooled within the Earth's crust.



Figure 5.1. PLUTON



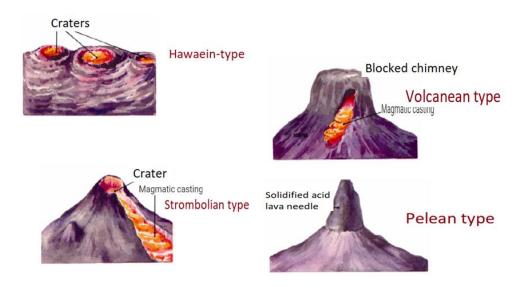


Figuer 5.2. An inselberg

An inselberg or monadnock is an isolated relief that significantly dominates a subhorizontal plain or plateau.

These reliefs (often) are granitic

5.2. Extrusive igneous rocks: Cooling of magma at the surface



Volcano types

Figure 5.3. Volcano Types

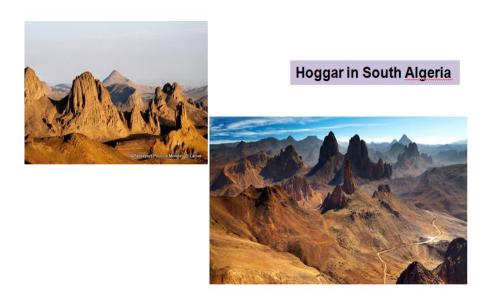


Figure 5.4. Hoggar in South Algeria