

Jurassic rocks, and indeed could not be separated save after a study of their inclosed organic remains.

A further modification of the folded structure is presented by the fan-shaped arrangement (*structure en éventail*, *Fächer-Falten*) into which highly plicated rocks have been



Fig. 250.—Fan-shaped structure, Central Alps.

*j'*, Upper Jurassic Limestone; *j*, Brown Jura and Lias; *t*, Trias; *s*, Schistose rocks.

thrown. The most familiar example is that of Mont Blanc, where the sedimentary strata at high angles seem to dip under the crystalline schists (Fig. 249).

**Crumpling.**—In the general plication of a district there are usually localities where the pressure has been locally so

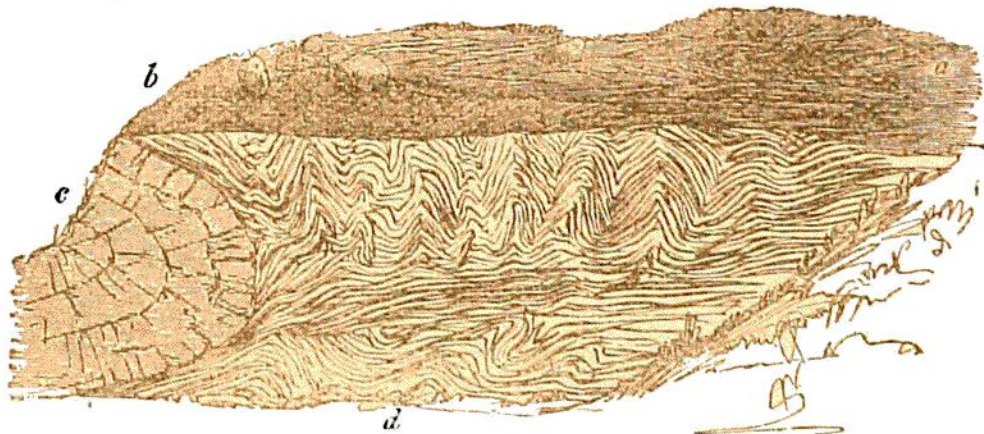


Fig. 251.—Locally crumpled strata near a fault, Dalquharran, Ayrshire.

*d*, Shales; *c*, Limestone; *b*, Boulder-clay.

intensified that the strata have been corrugated and crumpled, till it becomes almost impossible to follow out any particular bed through the disturbed ground. On a small scale, instances of such extreme contortion may now and then be found at faults and landslips, where fissile shales have been