

away by denudation, somewhat as the edges of the leaves have been pared off by the bookbinder. Here and there, where the compression has been greater, the rocks have undergone cleavage, and may now be split into parallel laminæ, the direction of which has no reference to the original bedding (Fig. 64).

These Silurian strata are unconformably covered by strips and patches of younger formations. Thus, the Upper

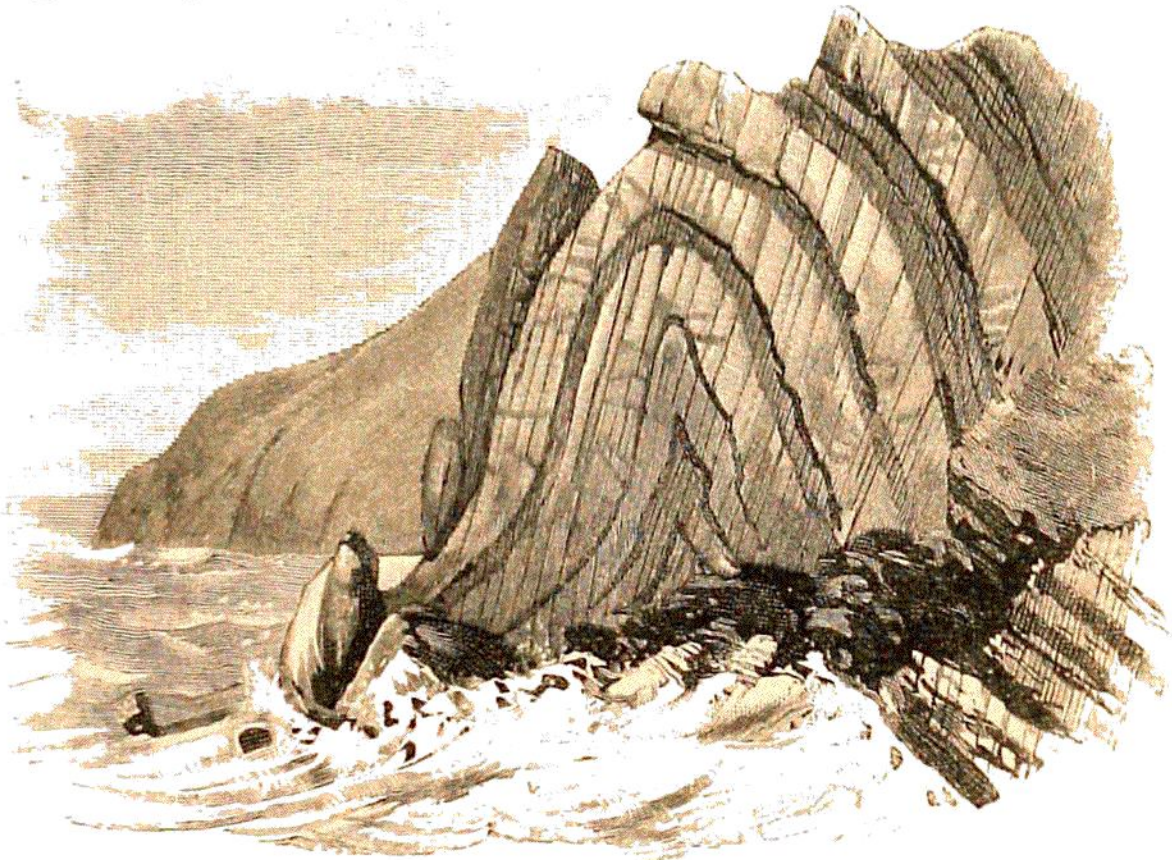


FIG. 64.—Curved and cleaved Silurian rocks, Wigtonshire. The fine parallel oblique lines indicate the cleavage, which is finer in the shales and coarser in the thicker grits and sandstones.

Old Red Sandstone lies in bays along the northern edge of the Lammermuirs, caps their summit south of Fala, and ascends from the low grounds of the Tweed up the valley of the Leader. It fills up what were evidently lines of valley worn down in the denuded surface of the Silurian rocks. In the south-western part of the Uplands, patches of Carboniferous strata likewise occupy tracts which appear to have