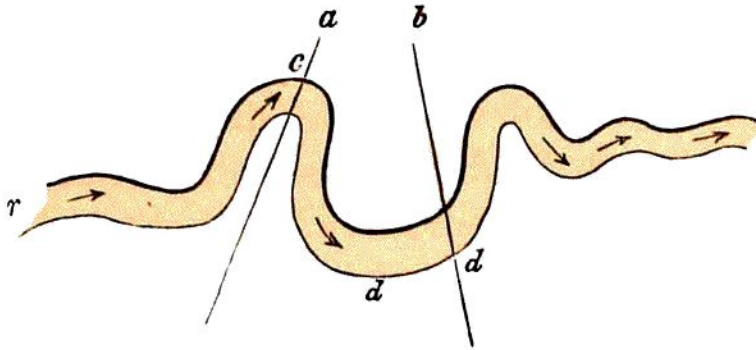


direction in which the arrows point in the following diagram:—

FIG. 107.



If the banks be high, they almost always have the shape shown in the section lines *a* and *b* across two of the greater curves of the river. The water rushing on

FIG. 108, *a*.

is projected with great force against the concave part of the curve, *c*, fig. 108, and in like manner it is again strongly projected against the concave cliff, *d*,

FIG. 109, *b*.

fig. 109. The result is, that the water wears back the cliffs, *c* and *d*; or, what tends to the same end, in conjunction with the wearing action of the water, the débris, loosened by atmospheric causes on the steep slopes, *c* and *d*, readily slips down to the level of the river, and is carried away by the force of the stream, thus making room for further slips.