

with *honey-stone*. *Natural sulphur*, *slaggy mineral-pitch*, and crystals of *selenite*, sometimes also occur in it.

*Bog iron-ore*—is a very important alluvial rock. It occurs frequently in moorish places. It may be considered as partly a mechanical, and partly a chemical deposit.

*Nagelflub*.—This rock is usually composed of fragments of limestone, more or less rounded, and of various magnitudes, cemented together by a basis of calc-sinter. It occurs always at a greater or less distance from limestone mountains, and sometimes forms considerable tracts of country. It appears abundantly at the foot of the great hills of alpine limestone, that bound Bavaria to the south, and in many other places of the great limestone range that passes through the Tyrol, Styria, &c.

2. *Chemical alluvial depositions*.—These are calc-tuff and calc-sinter, which are the newest members, if we except coral, of the great limestone formation-suite.

(1.) *Calc-tuff*.—It occurs in beds, and these have different degrees of density; some being earthy, and others porous. It occurs usually in the vicinity of limestone mountains, and in deep places. It often includes gramineous plants, mosses, and leaves of trees, which are more or less altered. But the most remarkable circumstance, is its containing

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