

In the floetz rocks it forms the principal constituent part of the different great sandstone formations, and occurs also in the gyps and limestone formations.

Even in the newest of all the formations, the alluvial, it is found in boulders and as loose sand.

Several varieties, as we have already mentioned, are by no means so common; thus the quartz, with date-shaped distinct concretions, is only found in Silesia: the larger cellular variety only at Schneeberg in Saxony; the small cellular only in the Harz and Hungary; and lastly, the fine angular grained, flaty and flexible variety has been hitherto found only in the Brazils.

The picture of the quartz species which has been described in the preceding pages is one of the most highly finished in the Wernerian oryctognosie. Wiedenman and other mineralogists by attending only to a few of its least characteristic features, have failed in understanding it.

TWENTIETH.