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SCIENTIFIC INTELLIGENCE; AND NOTICES OF SUBJECTS CONNECTED WITH SCIENCE.

I. Vegetables found in some species of Minerals.

Professor Blumenbach, of Gottingen, in a letter to Von Moll, says, that though he had hitherto disbelieved the occurrence of vegetable bodies in the dendritic variety of chalcedony named mocha stone, he must now admit that it does sometimes contain true vegetables, apparently of the nature of conifera. He observed these in specimens from Iceland and Catherinenburg. The same celebrated zoologist received from Dr. Lichtenstein, the traveller, a very remarkable agate, which was worn as a precious amulet by a Japanese prince. On examining it, he discovered in its interior the fructification of an unknown plant, somewhat resembling the sparganium erectum.

II. Turquois.

Dr. Langsdorf, who accompanied Captain Krusenstern in his voyage round the world, presented to Blumenbach an uncut turquois, from Nischabar, in Eastern Persia. From the specimen it appears certain that this substance is not a petrifaction, but a particular mineral species which occurs in nests in beds of clay. According to the analysis of Dr. John it appears to be nearly allied to mollite (siderite).

III. Chromium in Chlorite.

Mr. Bergweser Uttinger, of Sontkofen, has discovered from 1 to 1\(\frac{1}{5}\) per cent. of chromium in a green coloured mineral hertofoře considered as chlorite, and which gives a green colour to some kinds of sandstone. This mineral occurs in masses, from the size of an inch to that of a pea, in grey shell limestone and grey sandy marl. It occurs also disseminated in compact and lenticular clay iron stone. It thus appears that chromium is far from being circumscribed in its distribution.

IV. Italian Rocks.

Mr. Giuseppe Gautieri, principal inspector of forests in the kingdom of Italy, has lately examined the interesting valleys of Fiemme, Fassa, and Livinalunga, and finds the rocks to belong to the floetz trap formation, and to resemble in every respect the trap hills near Verona, Vicenza, and Padua, which have been described by many mineralogists as volcanic.

V. Gieweke, the Mineral Dealer.

This Gentleman was mentioned in a paper on Greenland