

pieces of calcine, of which Brochant gives us the following description:—Colour bluish grey. Occurs massive. Fracture fragmentary, conchoidal, passing to foliaceous. Specific gravity 2.500.

The specimens in my collection possess the following characters:—Colour yellowish grey. Occurs in flattened tabular and kidney shaped pieces, which are essentially traversed by thin, thin plates in various directions, the surfaces of these pieces are dirty. Fracture the splintery, and sometimes times minute foliated. Opacit, and sometimes translucent on the edges. Still, passing into leaf-hard. Easily transcribed. Specific gravity 2.500. Composition, nearly the same as that of the mineral.

I am indebted to Count de Bournon and others for the opportunity of examining the mineral in question. They were so kind to send me some specimens of the mineral, and to allow me to examine them in their own collection. I have examined them with great care, and have found them to be the same as those of the mineral which I have described in my work.

It is of the first order of crystallization. The mineral is which each plate is divided into two, so that the figure has all the characters of a rhombus. The mineral will not melt in the water, but it will melt in the acid, and it will give a green colour to the water.