

Its fracture, imperfectly conchoidal, inclining to the even. Fragments, 2.3.

Its hardness, 9. Its sp. gr. 2,33, by my trial.

The specimen of Leske K. 33, melted at 151° , into a spongy, yellowish grey tumefied semi-transparent mass. Hence I consider it as specifically different from jaspers. The colour of that I employed was lavender blue, and seemed perfectly pure.

Mr. Peithner called it porcellanite, which name should be continued, not to confound this stone with genuine jaspers.

35th Species.

Heliotropium.

Its colour is generally intermediate between grass and leek green, sometimes dark mountain green, sometimes lighter, or approaching to a blackish green, and mostly dotted or spotted with olive green, ochre yellow, or blood red spots of jasper.

Amorphous.

Lustre, 1.0. Transparency, 2.1, sometimes scarcely 1.

Its fracture conchoidal, sometimes flat or imperfect, or mixed with the coarse splintery.

Fragments, 3.

Its hardness from 10 to 11. Its sp. gr. 2,62 to 2,7.

In Mr. Lavoiser's experiments, it was scarcely melted even by pure air. In mine the dark green of Leske O. 580, whose sp. gr. was 2,681, became

became