

*Violet*, thumerstein;

*Blue*, sappare;

*Black*, and *hexagonal*, or *volcanic*, are also basaltic hornblende;

*Red shorts*, longitudinally streaked, have been lately found in Hungary. 1 Raab. 168. I have also observed one in Leske's collection O. 171; but so small, and so firmly stuck in quartz, that I could make no experiments upon it. Rubellites are also so called,

### 16th Species.

#### Tourmaline.

The usual colour is brown, often so dark that, when not held to the light, it seems black, yet often so light as to approach to the hyacinth red; sometimes it verges to the olive green, or dark green; it is even found blue. Mr. Bergman tells us, that of Ceylon is dark brown, or yellowish; that of Brazil, greenish, bluish, reddish, or yellowish brown; that of Tyrol, by reflected light, blackish brown; but, by transmitted light, yellowish, or, in thin pieces, greenish. That of Switzerland blackish.

Its internal lustre, 2.3. Transparency, 3.4.2. and 1, when black.

It is found in detached blunt-edged pieces, or grains, or crystallized in slender three or nine sided prisms, with a tetrahædral summit.

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