

*Constituent Parts.*

|                |   | Bleiberg in Carinthia. |
|----------------|---|------------------------|
| Oxide of Zinc, | - | 71.4                   |
| Carbonic Acid, | - | 13.5                   |
| Water,         | - | 15.1                   |
|                |   | —                      |
|                |   | 100.0                  |

*Smithson* in *Phil. Trans.*

P. I. for 1803.

*Geognostic Situation of the Species.*

It occurs in beds, nests, filling up or lining hollows, in transition limestone, and in flœtz limestone, and conglomerate rock; also in veins. In these repositories it is generally associated with galena or lead-glance, and occasionally with copper-pyrites, copper-green, malachite, yellow and brown blende, sparry ironstone, ochry-brown ironstone, brown-spar, calcareous-spar, and quartz.

*Geographic Situation of the Species.*

*Europe.*—It occurs in the Mendip Hills, at Shipham, near Cross, Somersetshire; at Allonhead in Durham; at Holywell and elsewhere in Flintshire; and in Derbyshire. On the Continent, it is met with at Raibel and Bleiberg in Carinthia; Aachen; Namur; Chemnitz in Hungary; Medziana Gora in Poland; Beuthen and Tarnowitz in Silesia; and Iserlohn in the Dutchy of Berg.

*Asia.*—Altai in Siberia.

*Uses.*

Calamine, when purified and roasted, is used for the fabrication of brass, which is a compound of zinc and copper;