

5. When two elongated tetrahedral prisms are joined together by one of the sides of the prism, a twin-crystal is formed, which may be viewed as a tetrahedral prism of  $60^\circ$  and  $120^\circ$ . When two opposite and lateral edges of this figure are deeply truncated, the prism becomes six-sided.

The lustre is intermediate between vitreous and resinous.

The fracture is foliated in the direction of the planes of the three-sided prism, but is uneven in every other direction.

It is transparent or semi-transparent.

It scratches calcareous-spar with difficulty, but does not affect fluor-spar or heavy-spar.

Specific gravity, 4.280.

#### *Chemical Characters.*

Before the blowpipe, it flows like water, and in cooling crystallises in small rhomboidal plates of a brown colour.

#### *Constituent Parts.*

Oxide of Copper,	-	54	50.62
Arsenic Acid,	-	30	45.00
Water,	-	16	3.50
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		100	99.12

*Chenevix*, in *Phil. Klaproth*, *Beit. b. iii.*  
*Trans. for 1801.* s. 192.

#### *Geognostic and Geographic Situations.*

It occurs in the Cornish mines along with the other subspecies.

*Third*