

*Third Subspecies.*

## Compact Phosphate of Copper.

Cuivre phosphaté compacte, *Haüy*, Tabl. p. 92.—Dichtes phosphorsauer Kupfer, *Jordan's Reisebem.* 217.—Dichtes Pseudomalachit, *Haus.* Handbuch, b. iii. s. 1037.

*External Characters.*

Its colour is emerald-green, inclining to verdigris-green.

It occurs massive, disseminated, in crusts or investing, reniform, and globular.

Internally it is glimmering or dull, and the lustre is resinous.

The fracture is flat conchoidal, inclining to even, small splintery, and sometimes very faintly fibrous.

It sometimes occurs in indistinct lamellar concretions.

*Constituent Parts.*

Oxide of Copper,	-	68.13
Phosphoric Acid,	-	30.95
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		99.08

*Klaproth*, Beit. b. iii. s. 206.

*Geognostic and Geographic Situations.*

It is met with at the Virneberg, near Rheinbreitenbach on the Rhine, in veins in grey-wacke, along with quartz, calcedony, hornstone, red copper-ore, native copper, malachite, and azure copper-ore; also as Liebethen, near Neusohl in Hungary, in ironshot-quartz.

M 4

20. Copper-Mica.