

SYSTEM
OF
MINERALOGY,

COMPREHENSIVE

**ORYCTOGNOSY,
GEOGNOSY,
MINERALOGICAL CHEMIS-
TRY,**

**MINERALOGICAL GEOGRA-
PHY, AND
ECONOMICAL MINERALO-
GY.**

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 APPENDIX IV.

AFTER the preceding sheets of this Volume were printed off, I received from Mr MEU-
DER an Account of the *Species* described by WER-
NER, in his last course of Oryctognoſy, which I
take this opportunity of communicating to the
public.

 Zoifite.

Zoifit.—Werner.

External Characters.

Its colour is ſometimes yellowiſh-grey, and ſome-
times ſmoke-grey.

Occurs maſſive, and in cryſtals which are im-
bedded. The figure of the cryſtals is a very ob-
lique four-fided priſm, whoſe obtuſe lateral edges
are rounded off, and hence it has a reed-like af-
pect. Werner has not hitherto obſerved any acu-
mination.

The cryſtals are deeply longitudinally ſtreaked.

Internally it is ſhining, and its luſtre inclines
much to pearly.

The

The fracture is foliated, but in massive pieces appears to pass into radiated. A single cleavage, which is parallel with the shorter diagonal of the prism, has been observed. If others exist, they are less distinct.

The crystals shew a tendency to thin columnar distinct concretions.

Is translucent.

Hard.

Not particularly heavy, approaching to heavy.

Geognostic and Geographic Situations.

It occurs in primitive mountains, principally in quartz with mica; sometimes also with kyanite.

It is found on the Saualp in Carinthia, and in Baireuth.

Observations.

1. It has been confounded, sometimes with *Corundum*; sometimes with *Tremolite*. It bears the same relation to tremolite that pistazite does to actynolite.

2. It is named *Zoisite*, in honour of the discoverer Baron Von Zois in Austria.

3. This fossil is placed in the system between Pistazite and Axinite, and connects both species together.

Needle