

XXI. *A short Account of some Swedish Minerals, &c. sent from Mr Angestein, Overseer of the King of Sweden's Mines, to Mr James Petiver, Apothecary, and F. R. S.*

I. **B** *Itumen* fossile, coagulatum, in Ferrifodina Betzberg apud Suecos.

This is very light, black, and shining, like *Pitch*, or *Canal-Coal*; in taste insipid, brittle and not clammy.

II. *Minera Ferri* Betzbergæ.

A blackish *Mineral*, full of small glittering sandy Particles, which easily break and crumble small like *black Sand*; its ponderous, and without any droffy Mixture.

III. *Minera Martis* Betzbergæ.

The outside lumps are smooth and shining, its inside of finer Particles than the last, but when broke more shining, large and flakey.

IV. *Minera Martis* Betzbergæ, *Carbonis* facie.

The outside smooth and somewhat shining like *Pit-Coal*, the inside more gray and glittering.

V. *Minera Martis* ditissima, *fodina* Danemoræ *Sueciæ*.

This resembles a *Slat-Coal* of a Lead colour, heavy, but neither shining nor glittering, except a little Brassy in the interstices; which are but few, and those irregular: This had a sparry Vein thro' it, about the thickness of a quarter of an Inch.

VI. *Rubinus* globulosus, è *Fodina* Garpenberg *Sueciæ*.

These are near as long as *Hazel Nuts*; the outside in many Places transparent, but broken and rugged; they seem more ponderous than a clear *Ruby* of the same size.

Minera

VII. *Minera Veneris seu Cupri, Garpenbergæ.*

Its exterior face *Brassy* and shining, with some few spaces of deep Copper, with a blue in the Center; the interstices are pale Brass in some Places, and where its fresh broken into the heart of the Oar, its of a glorious Lustre; in some places its coated with a white or discoloured sparr.

VIII. *Minera Cupri è fodina Flaklunensî Sueciæ.*

This is mostly composed of pale brassy micæ, with a small mixture of deeper, and near a quarter part of black sprinkles somewhat shining.

IX. *Minera Cupri ditissima LAZUR dictum, è fodina Linsnadiensis Provincia Heerdacensis Sueciæ.*

The Oar is very like No. VII. its coated with yellowish Spar, mixt with a paleish white.

X. *Minera Argenti-Plumbea è fodina Hollefarsen Sueciæ.*

Very like our *Mendip Lead Oar*, full of large sparkling Flakes or Micæ.

XI. *Certum genus Aluminis plumosi cum Minera Plumbi intermixtum, è fodina Saklberg Sueciæ.*

The *Amiant* part is of a light Gray or Lead colour, composed of fine long brittle Filaments; the outides and hollows are filled with very white short and brittle Spar.

XII. *Matrix Minera Argenteæ, Saklbergæ.*

This is a short irregular white shining Spar, much like the last which lies with the *Amiantus*; it easily breaks into small pieces with the Hammer.

XIII. *Minera Lunæ & Saturni è Saklberg.*

The Sparks of this are very bright and shining, with smaller micæ than No. X. in it are interspers'd some little bits of *white* Spar.

XIV. Mi-

XIV. *Minera Lunæ & Saturni Saklbergæ unâ eum Matrice.*

This *Oar* has a particular Face, being composed of many ruinous angular Columns lying confusedly; some long and crooked, others short; amongst them are some like *Glass* greenish and transparent; these very easily fall into pieces with a light blow of a Hammer.

XV. *Minera Lunæ, Arsenici & Saturni ex Argenti fodina Saklberg.*

The Flakes of these are pretty large like No. X. and very glittering.

XVI. *Cuprum præcipitatum, fodina Schilou Sueciæ.*

Its outer Coat is rusty, and resembles an *Iron Stone* or *Clay*, under which are some thin Strata of a dark or blewish hue; the Center of an Iron brown full of small *Copper Micæ*, which in some places are of a refulgent fiery lustre.

XVII. *Minera Cupri rarissima è Schilou.*

This resembles *Colcothar*, but of a brighter red, and very weighty; it seems to have some very small shining Particles in it, and in some parts of its outsides, it has a sort of sullen greenish *Wood-like* rust, but its not very heavy.