

The World's Minerals

With Forty Coloured Plates



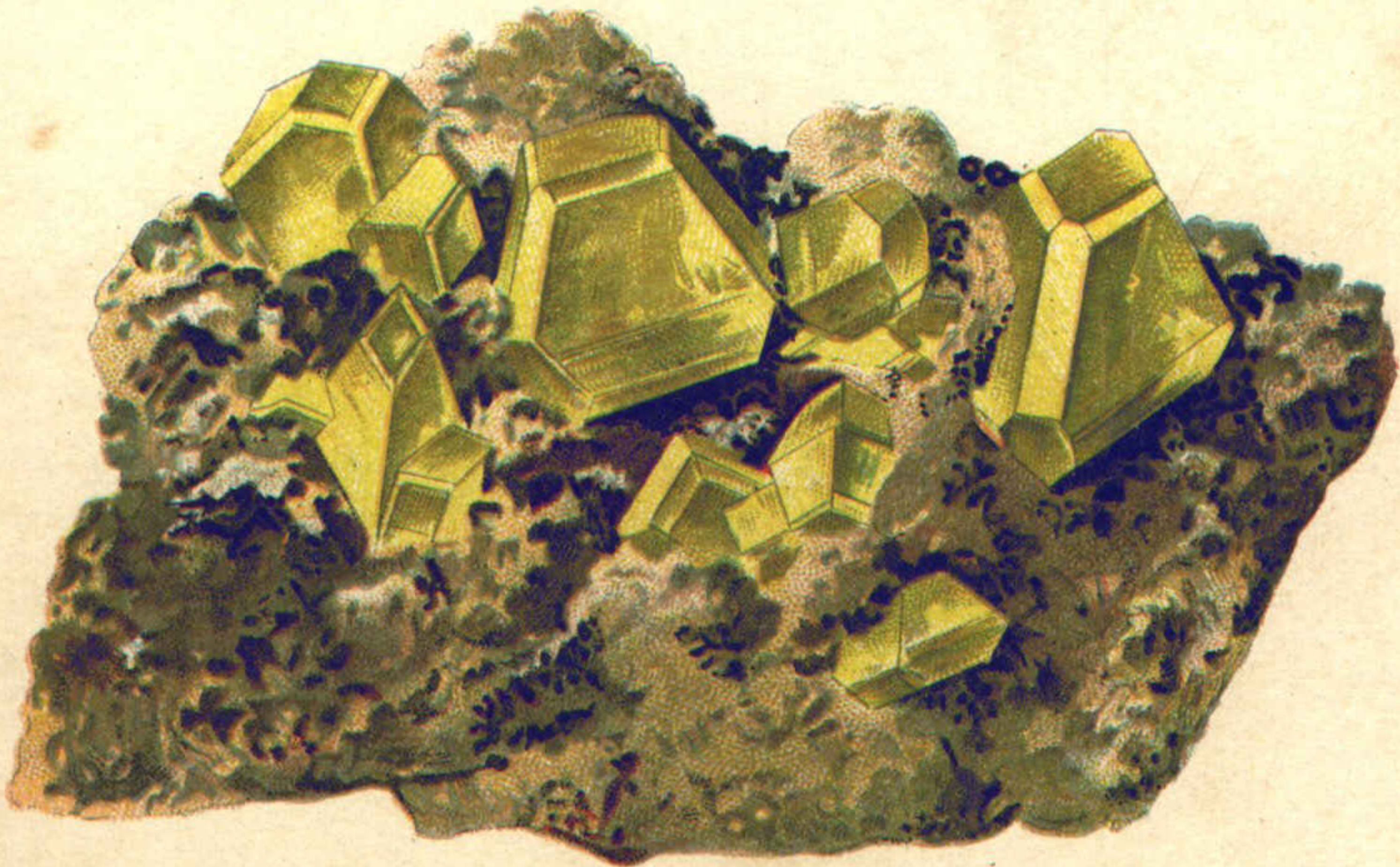
L. J. SPENCER, M.A., F.G.S.



1

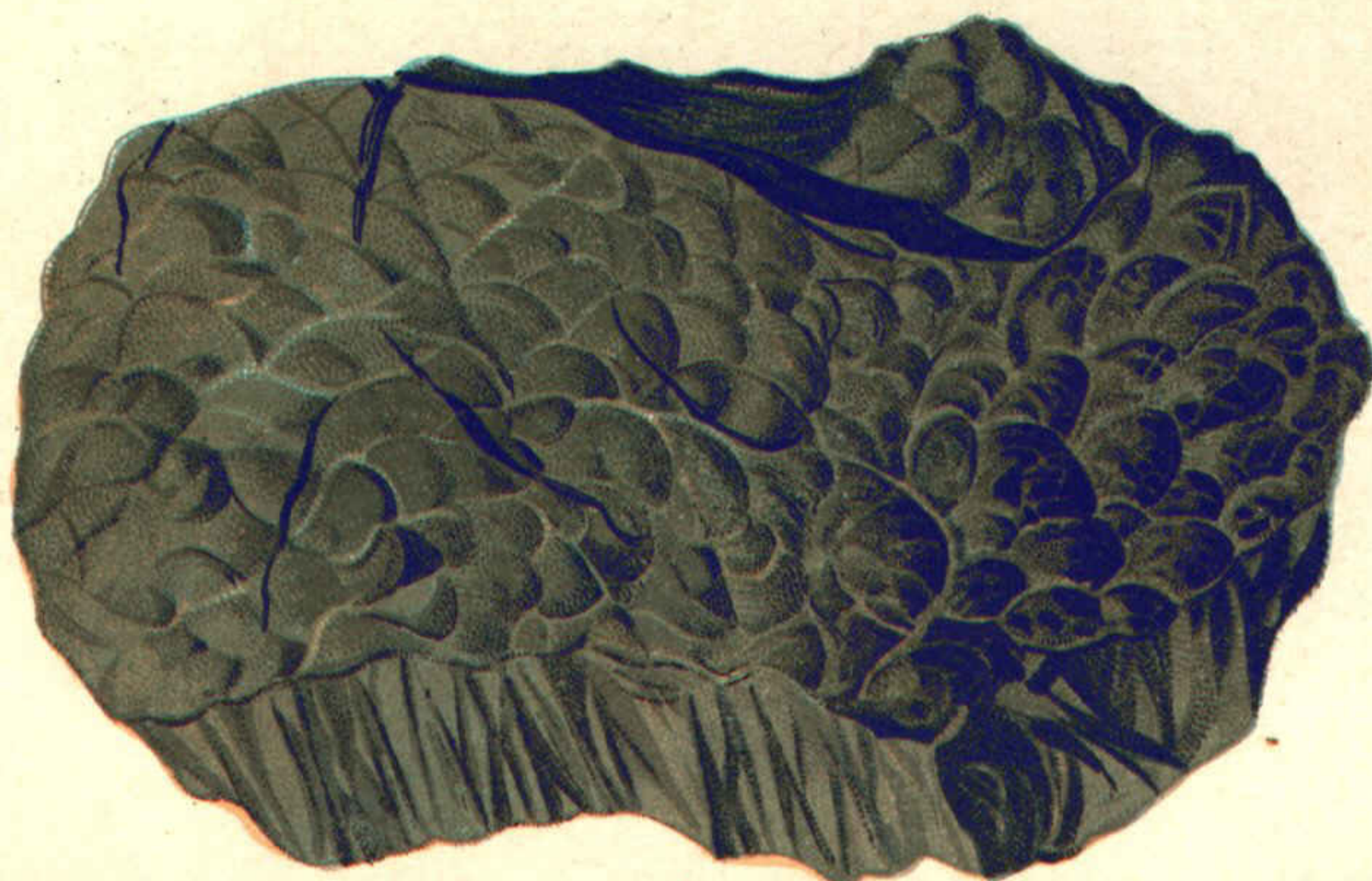


2



3

1, Diamond. 2, Graphite. 3, Sulphur.



1



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1, Arsenic. 2, Antimony. 3, Bismuth. 4, 5, Silver.



1



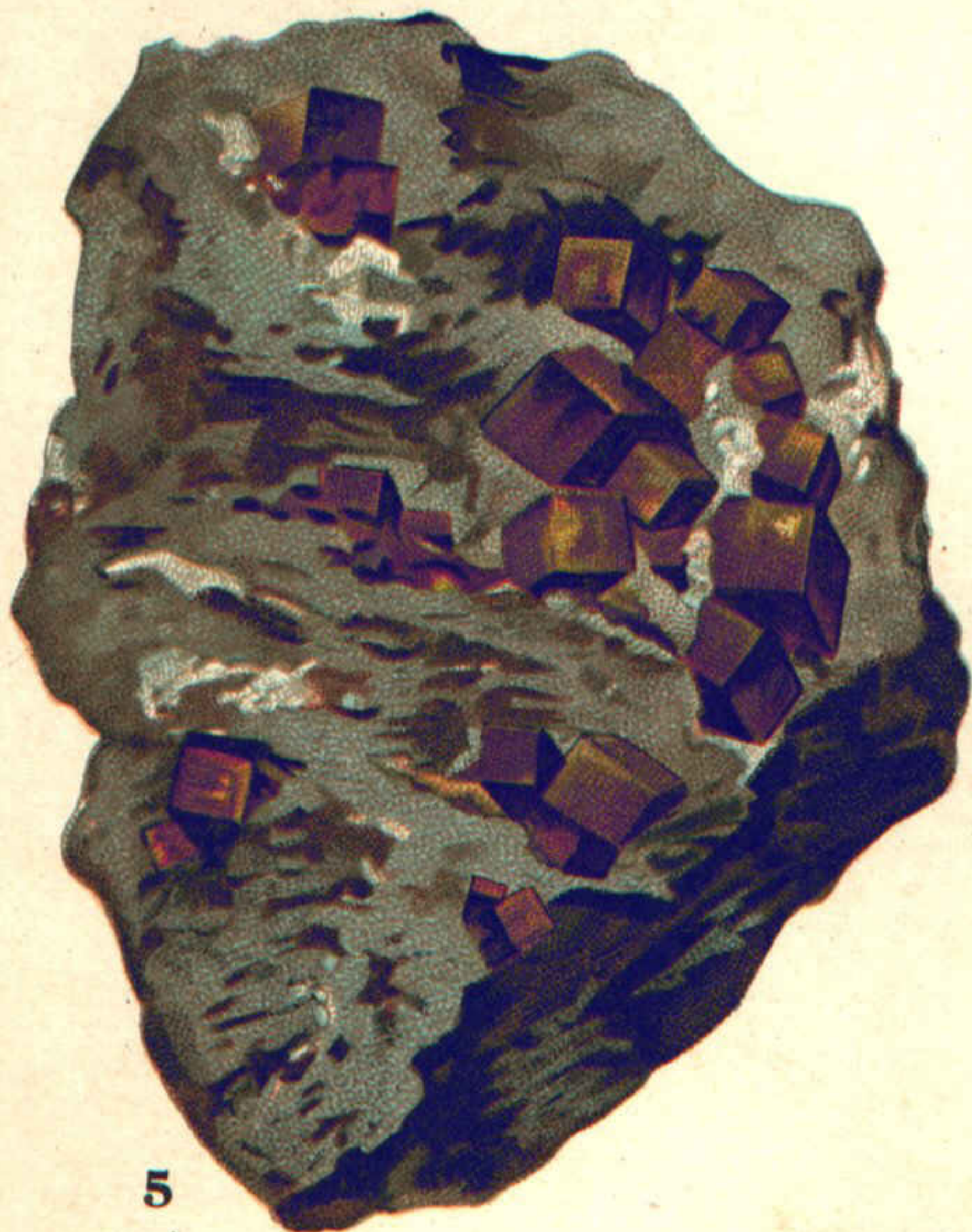
2



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1, Platinum. 2-4, Gold. 5, 6, Copper.



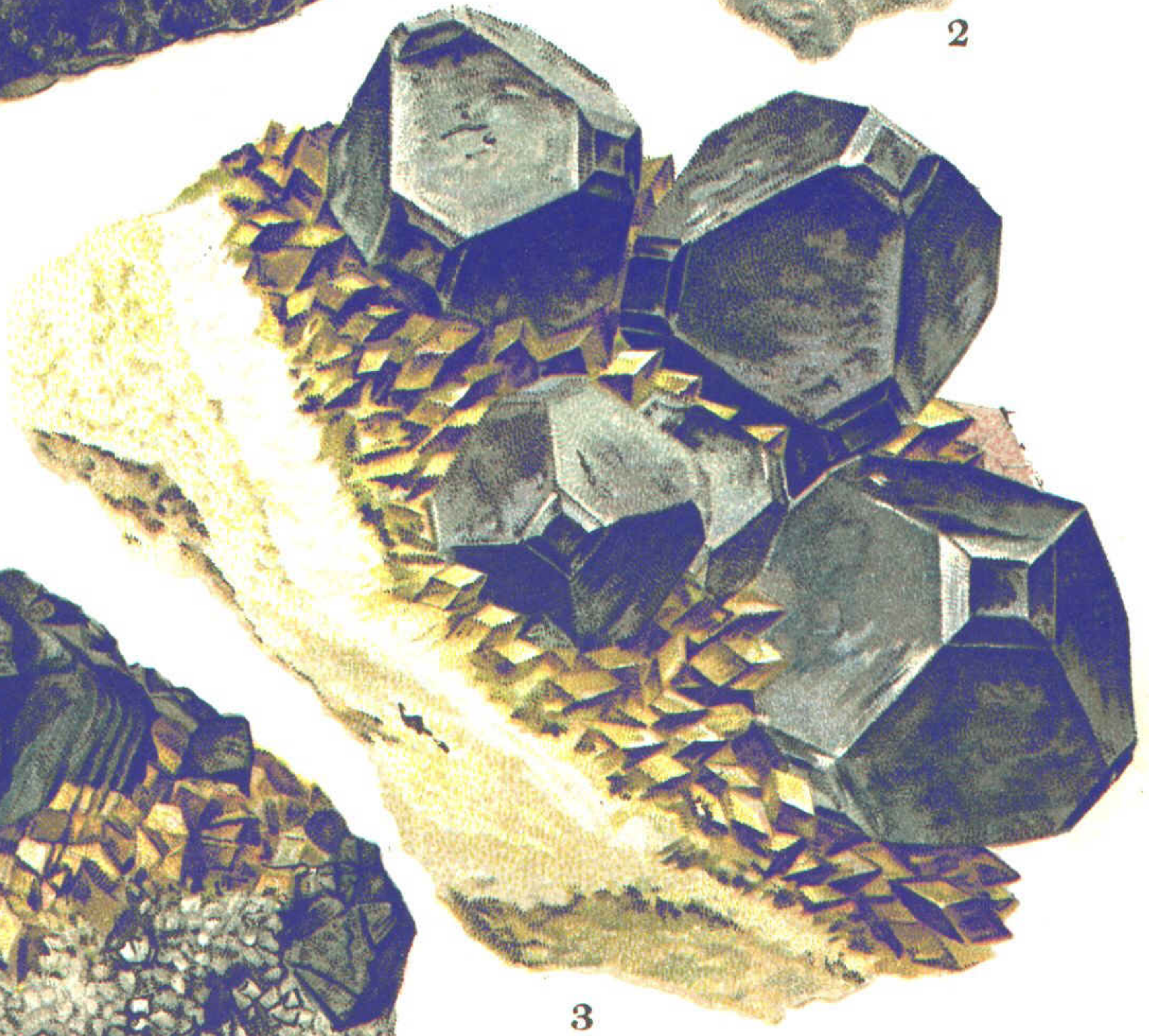
1, 2, Stibnite. 3, 4, Realgar and Orpiment.



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4

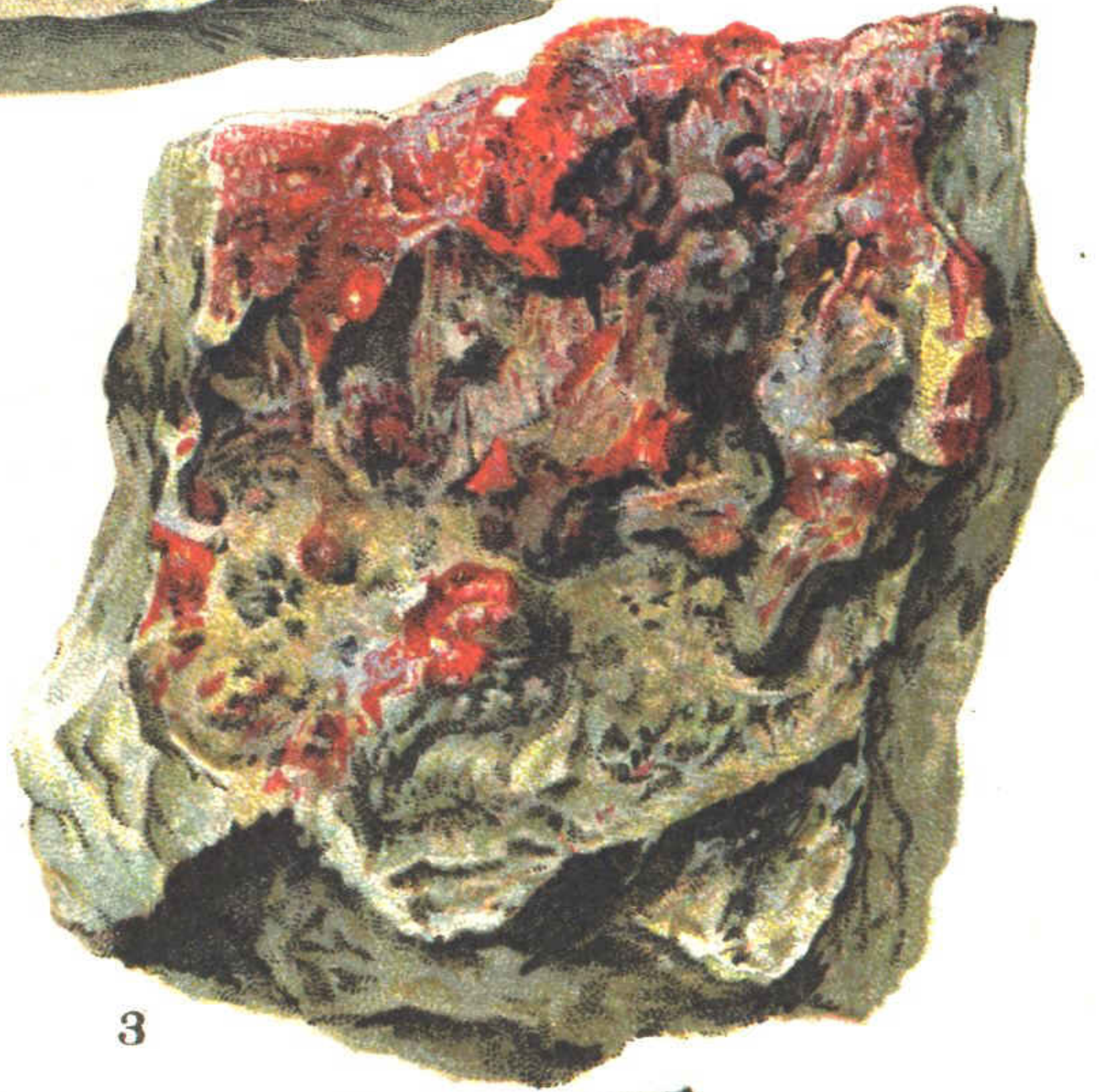
1, Molybdenite. 2, Zinc-blende. 3, 4, Galena.



1



2

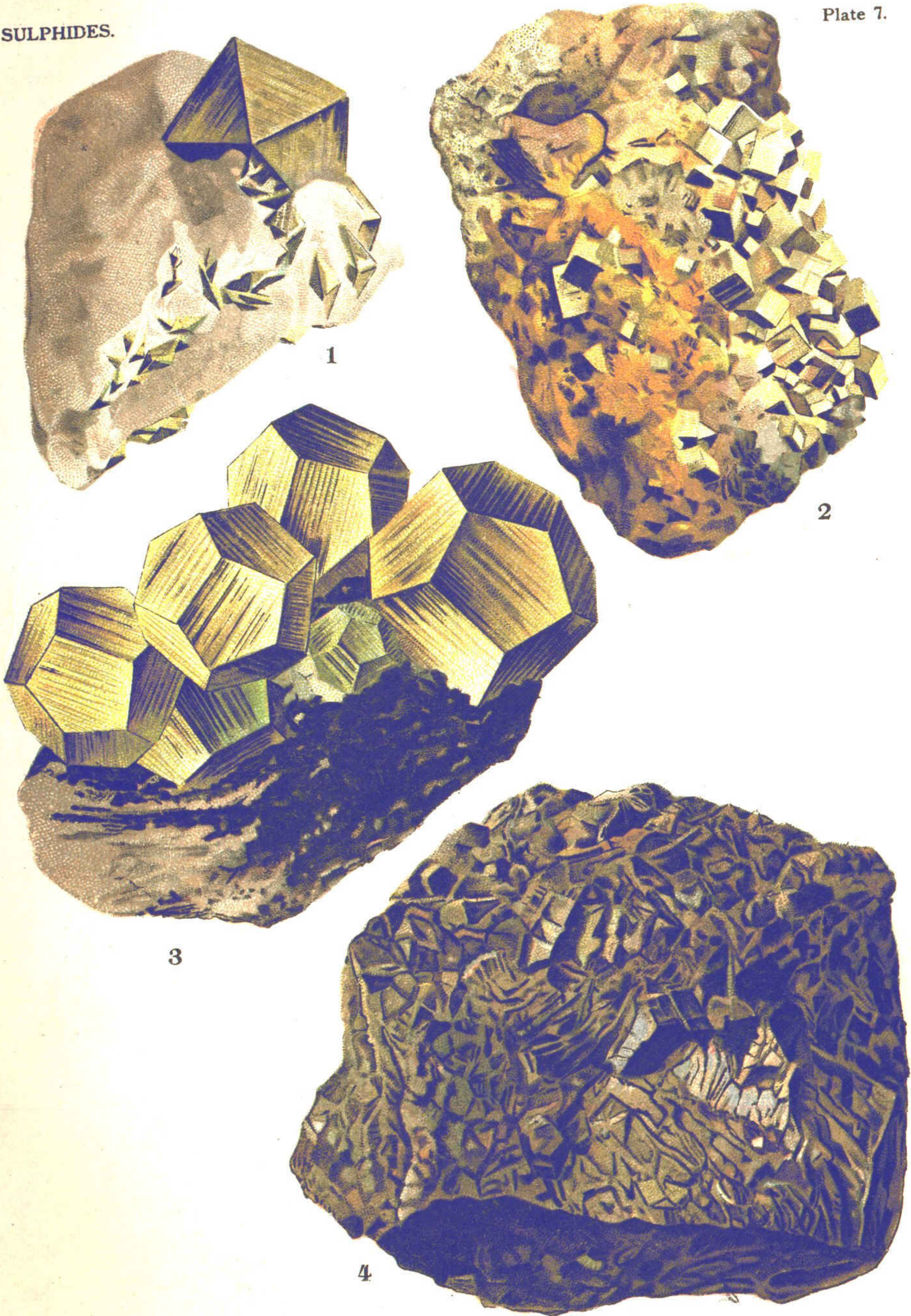


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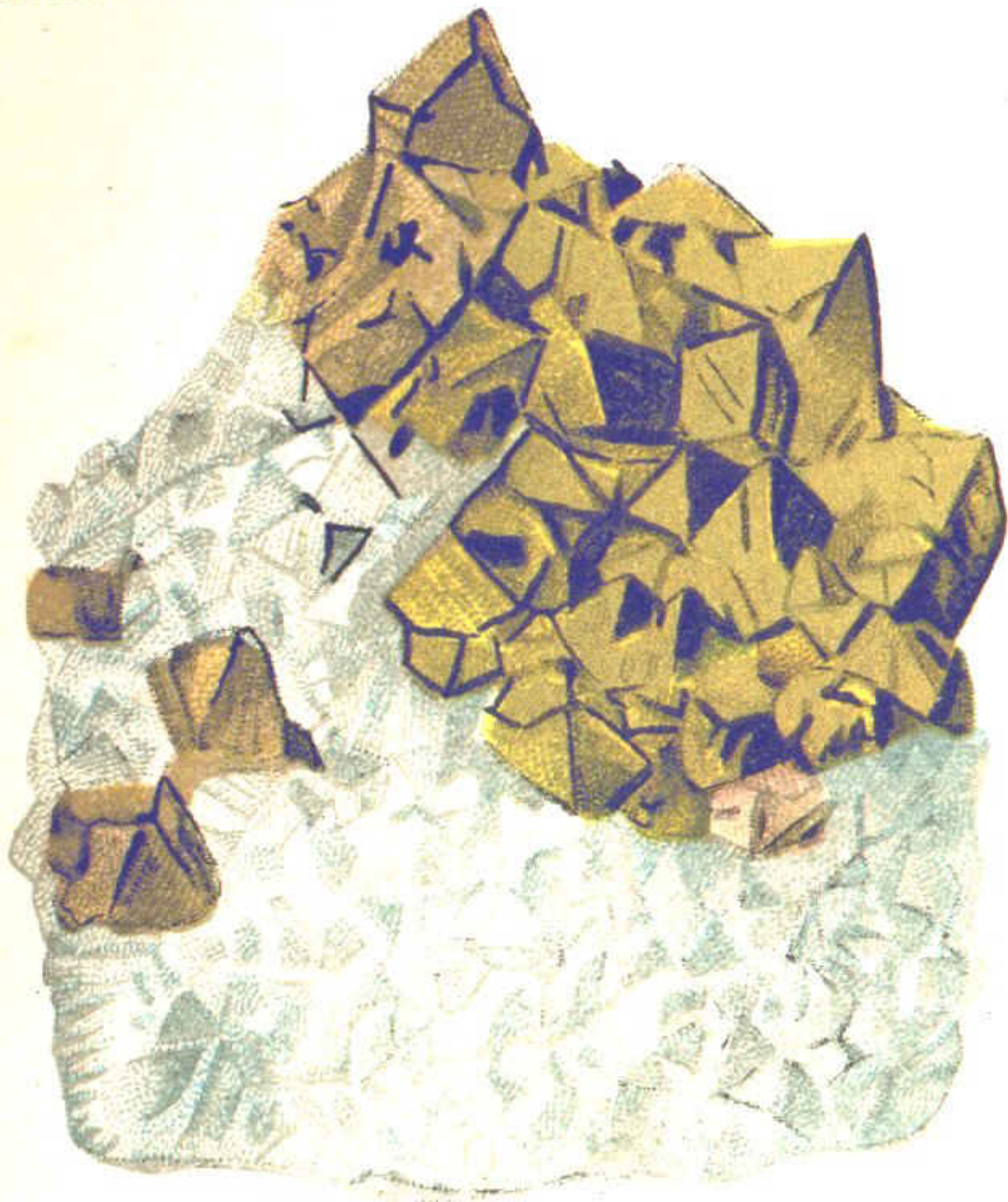


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1, Niccolite. 2, 3, Cinnabar. 4, Mispickel.



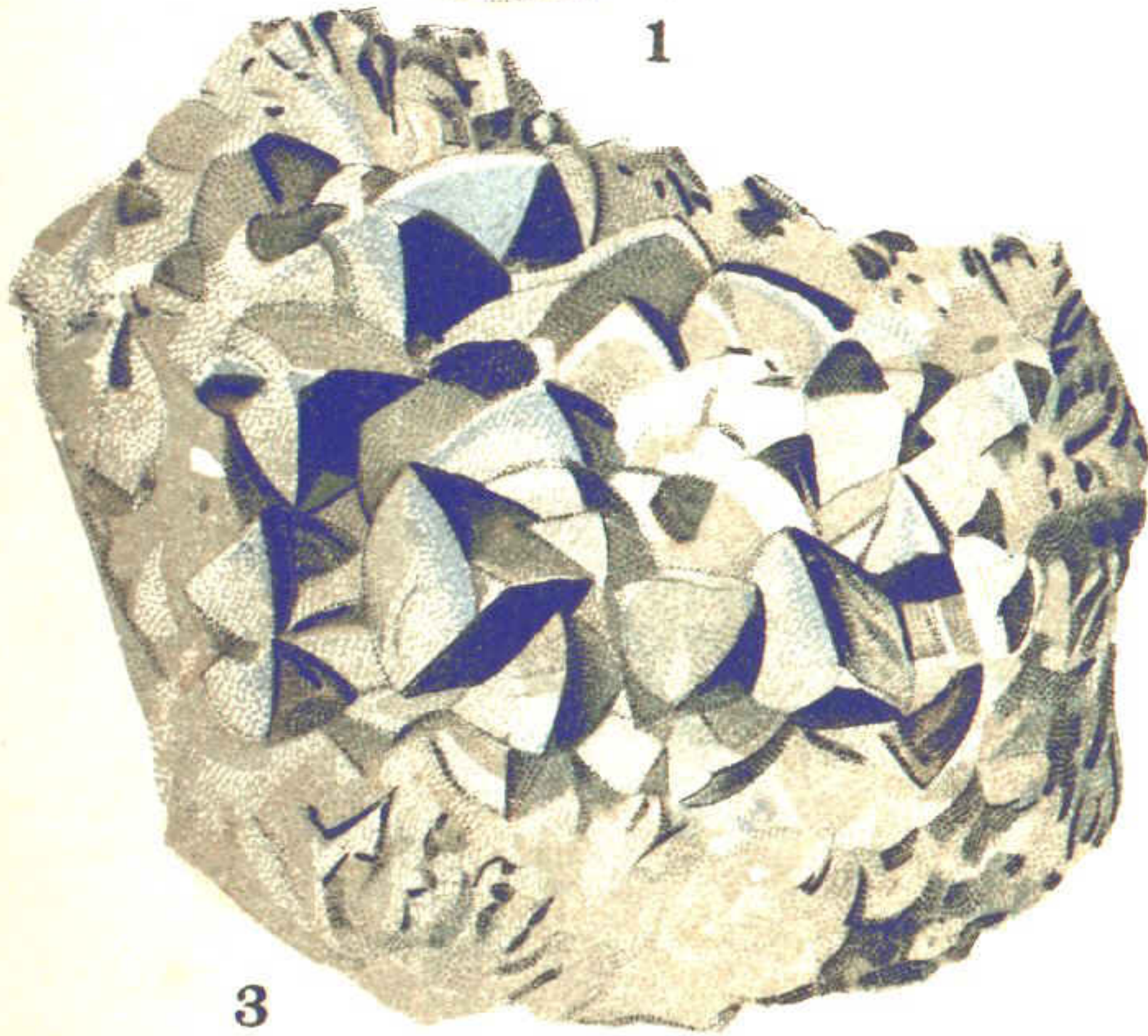
1, Marcasite. 2, 3, Iron-pyrites. 4, Pyrrhotite.



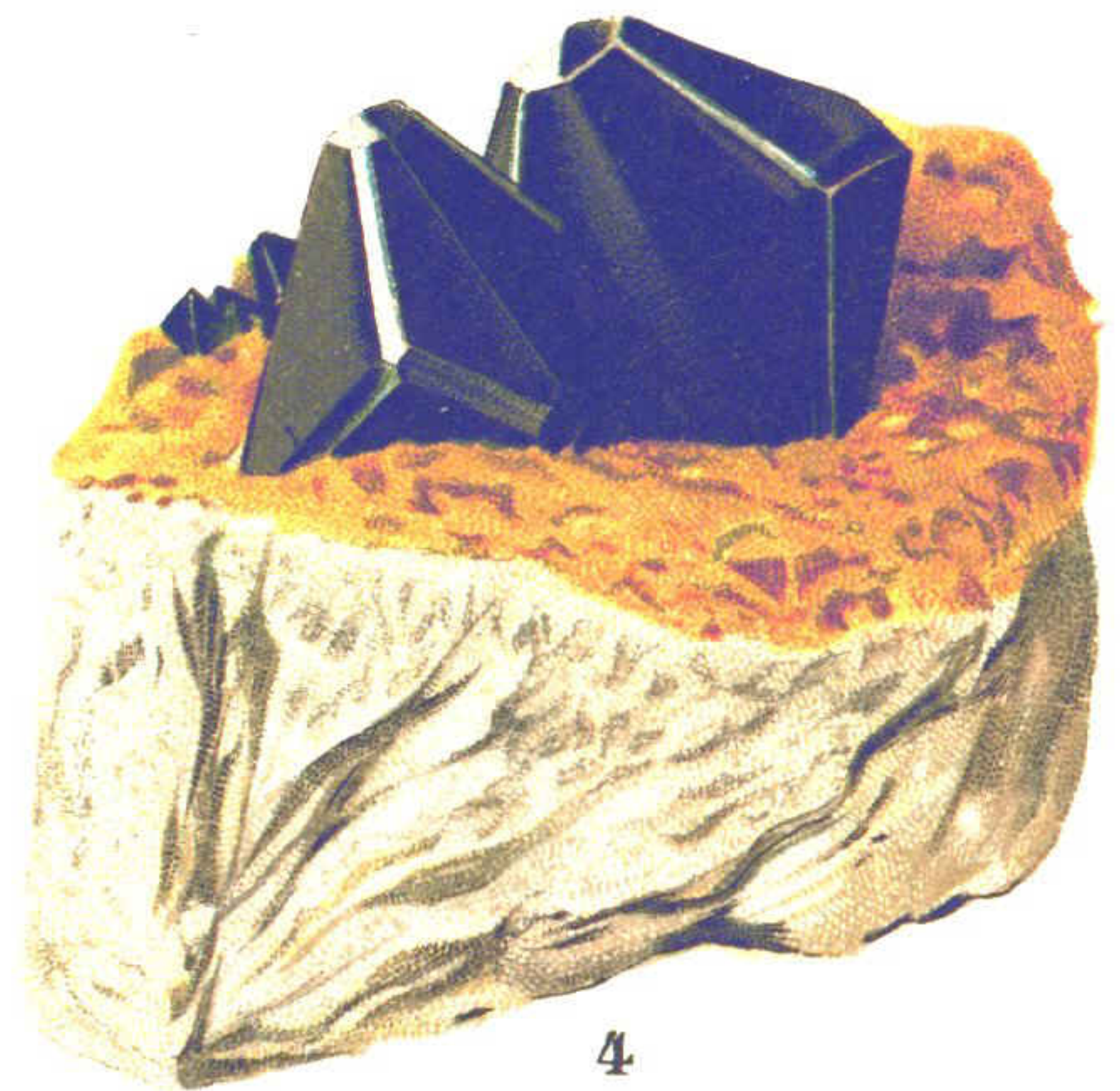
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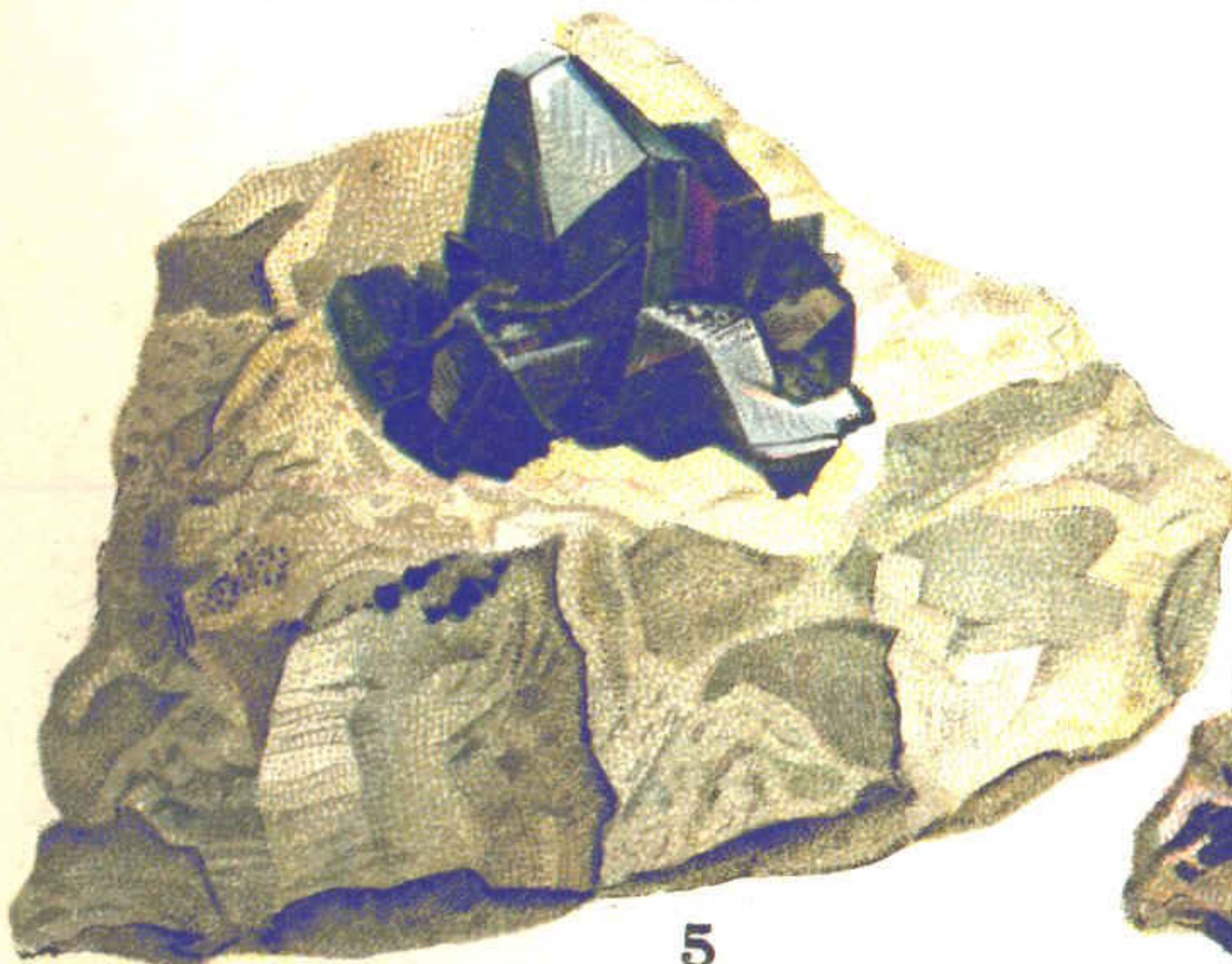
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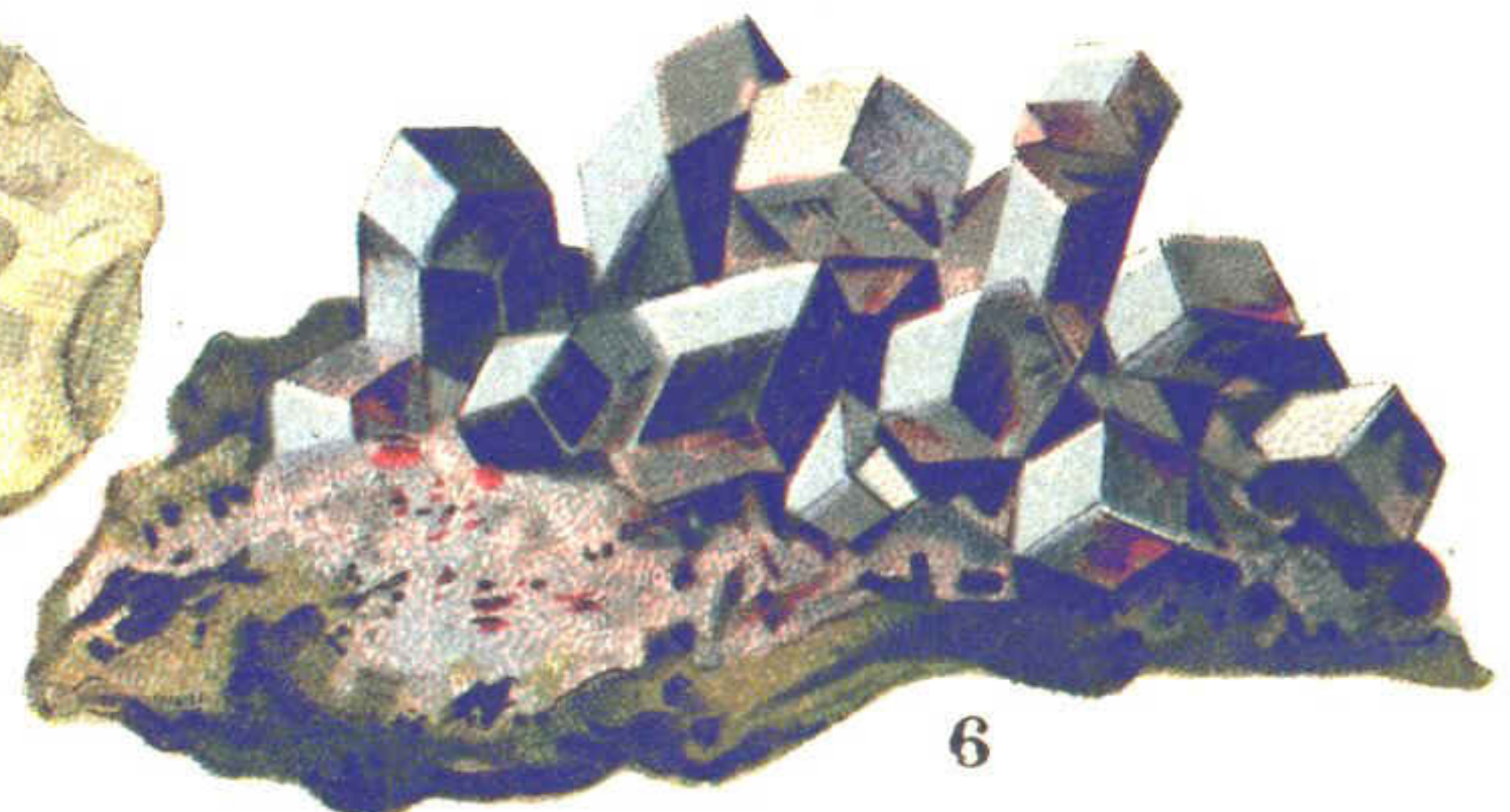
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1, 2, Copper-pyrites. 3, Smaltite. 4, Tetrahedrite. 5, Pyrargyrite. 6, Proustite.

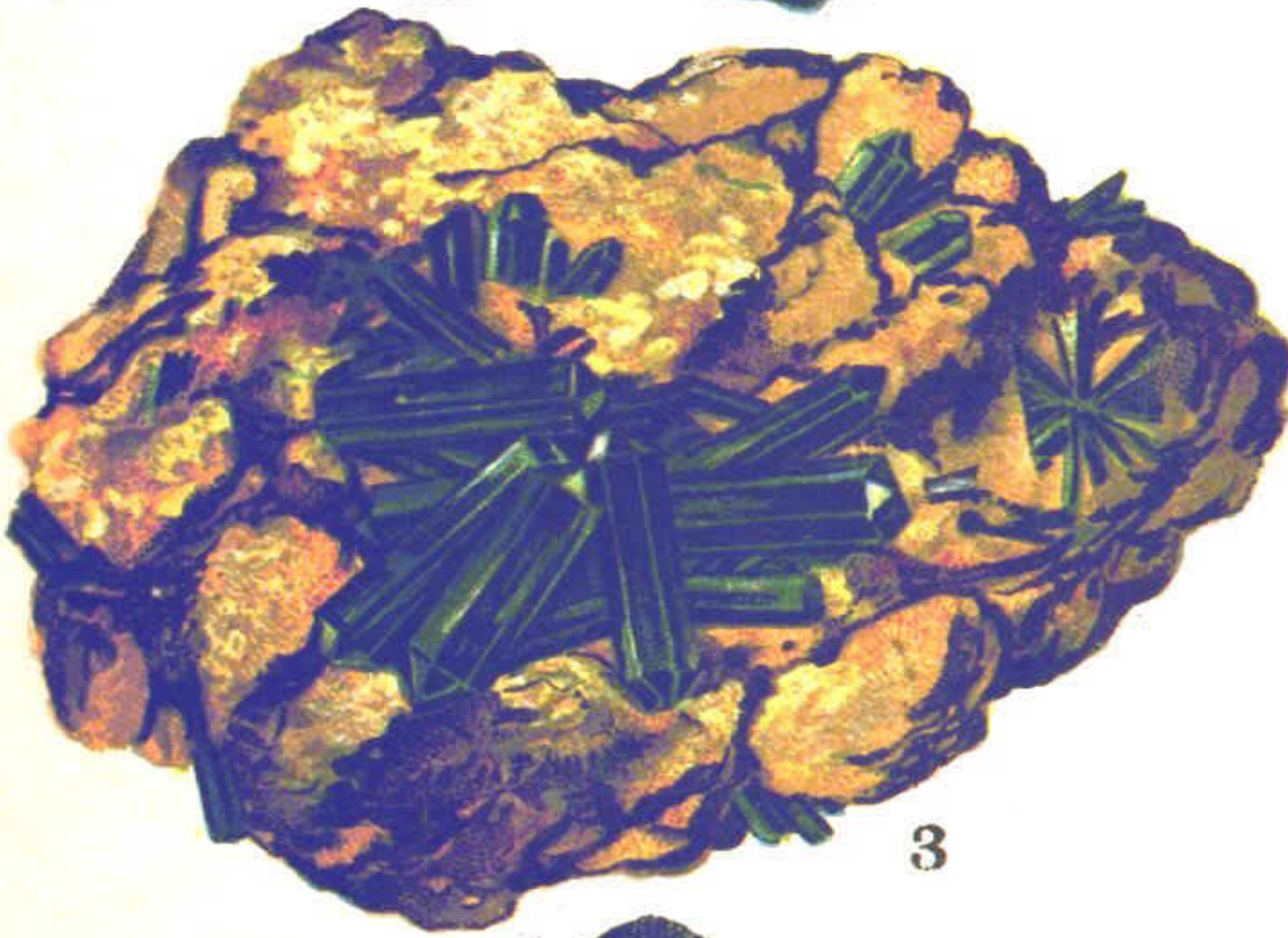
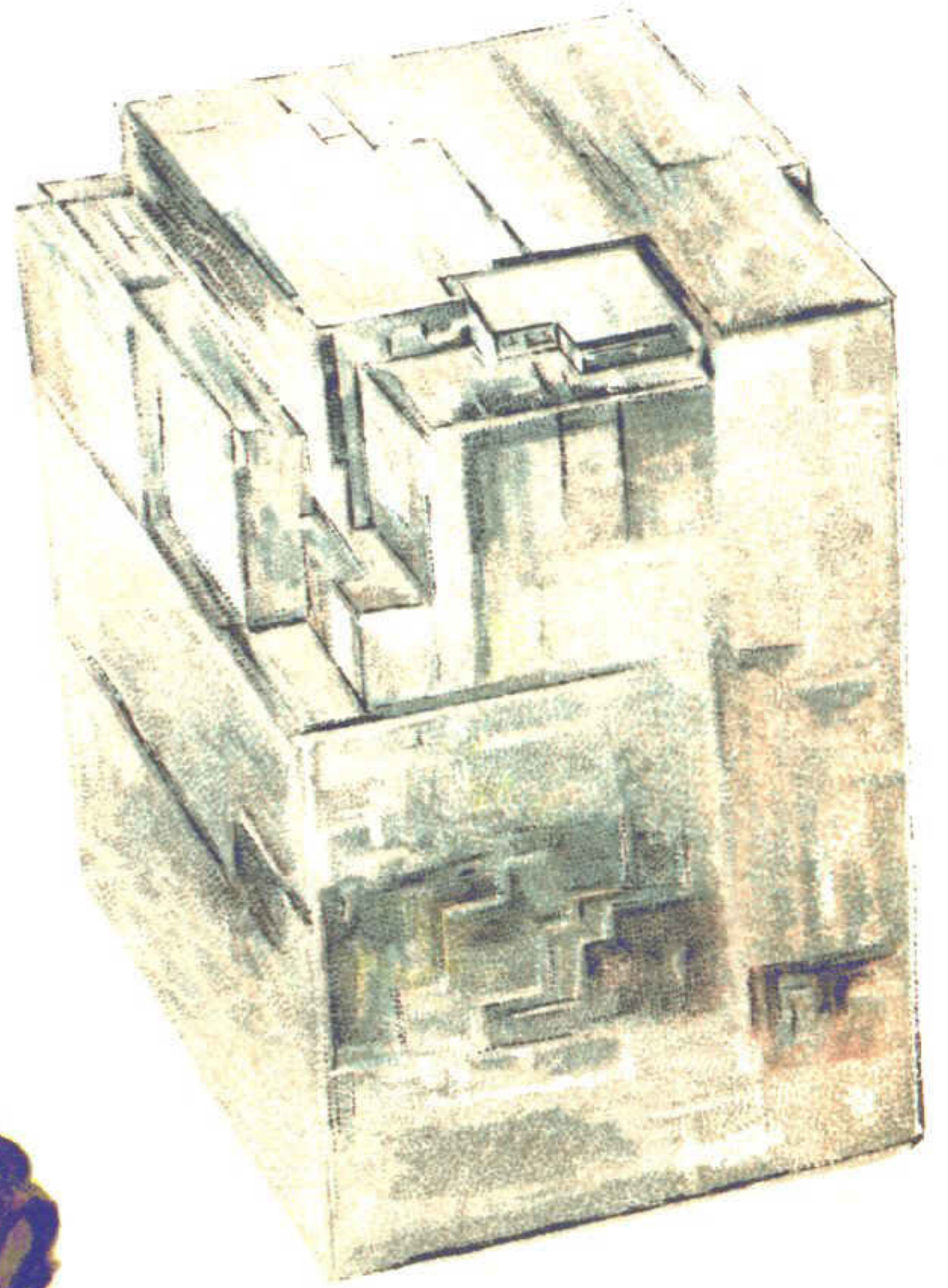
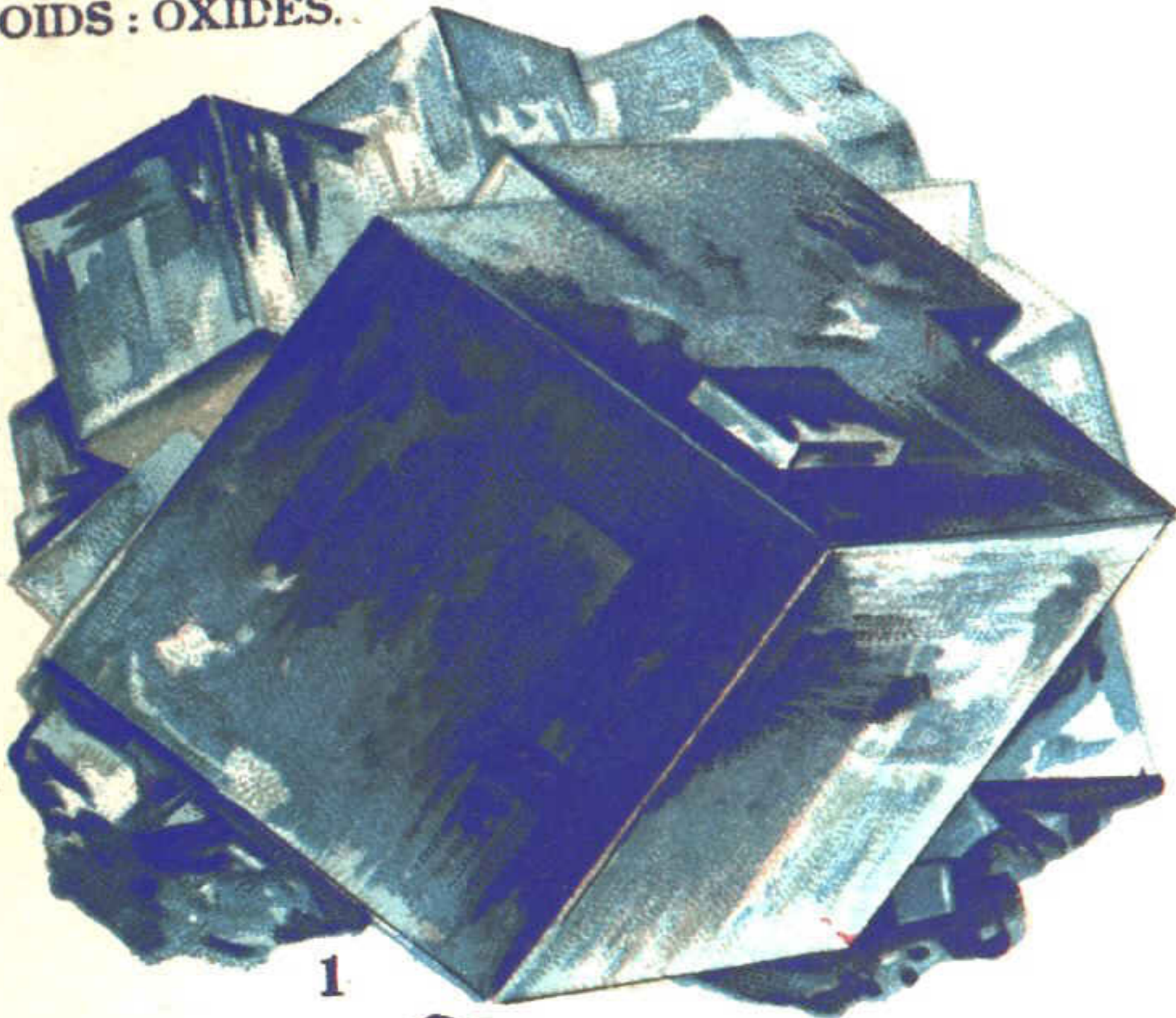


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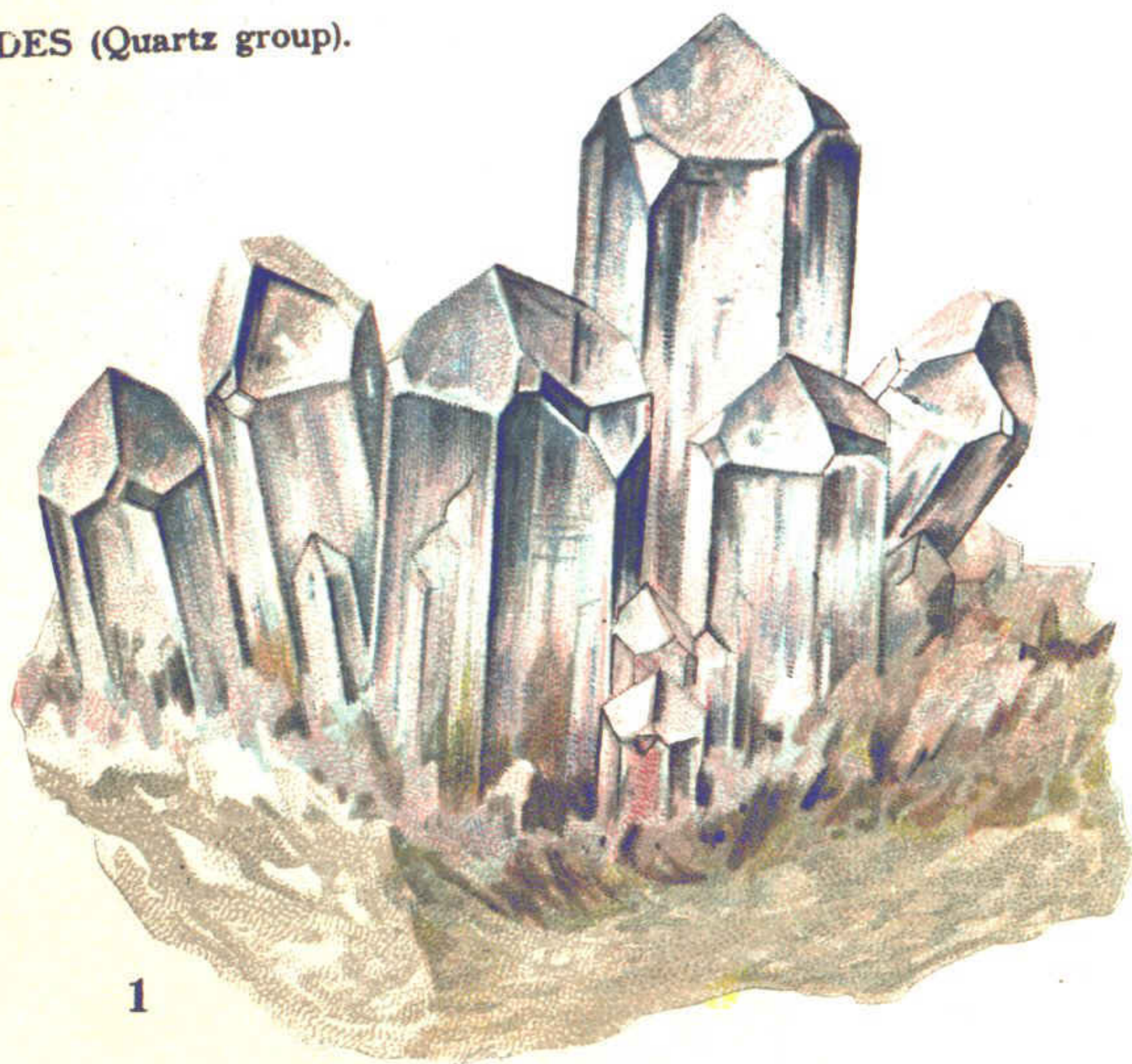


2

1, 2, Fluor-spar.



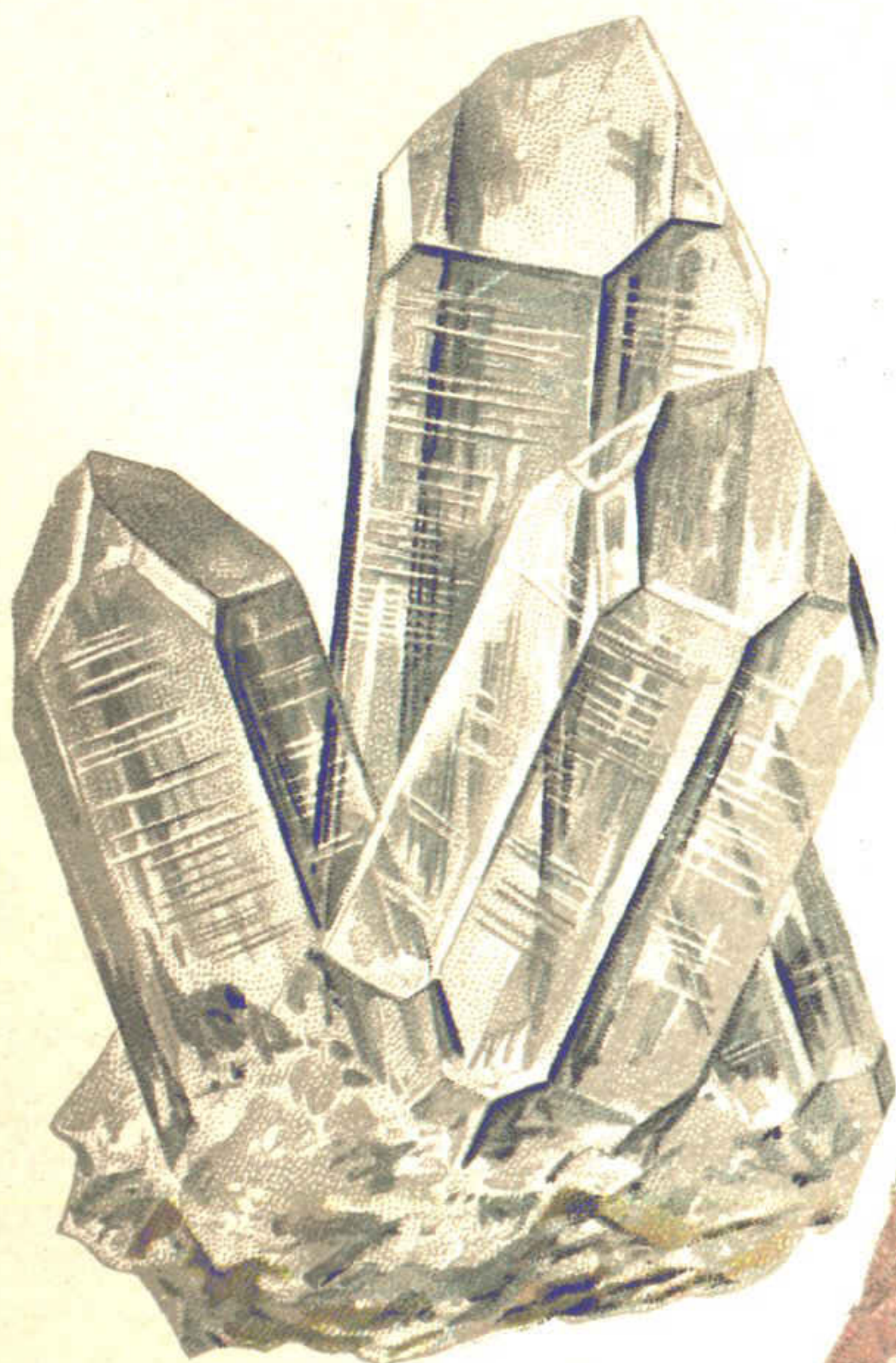
1, 2, Rock-salt. 3, Atacamite. 4, 5, Opal.



1



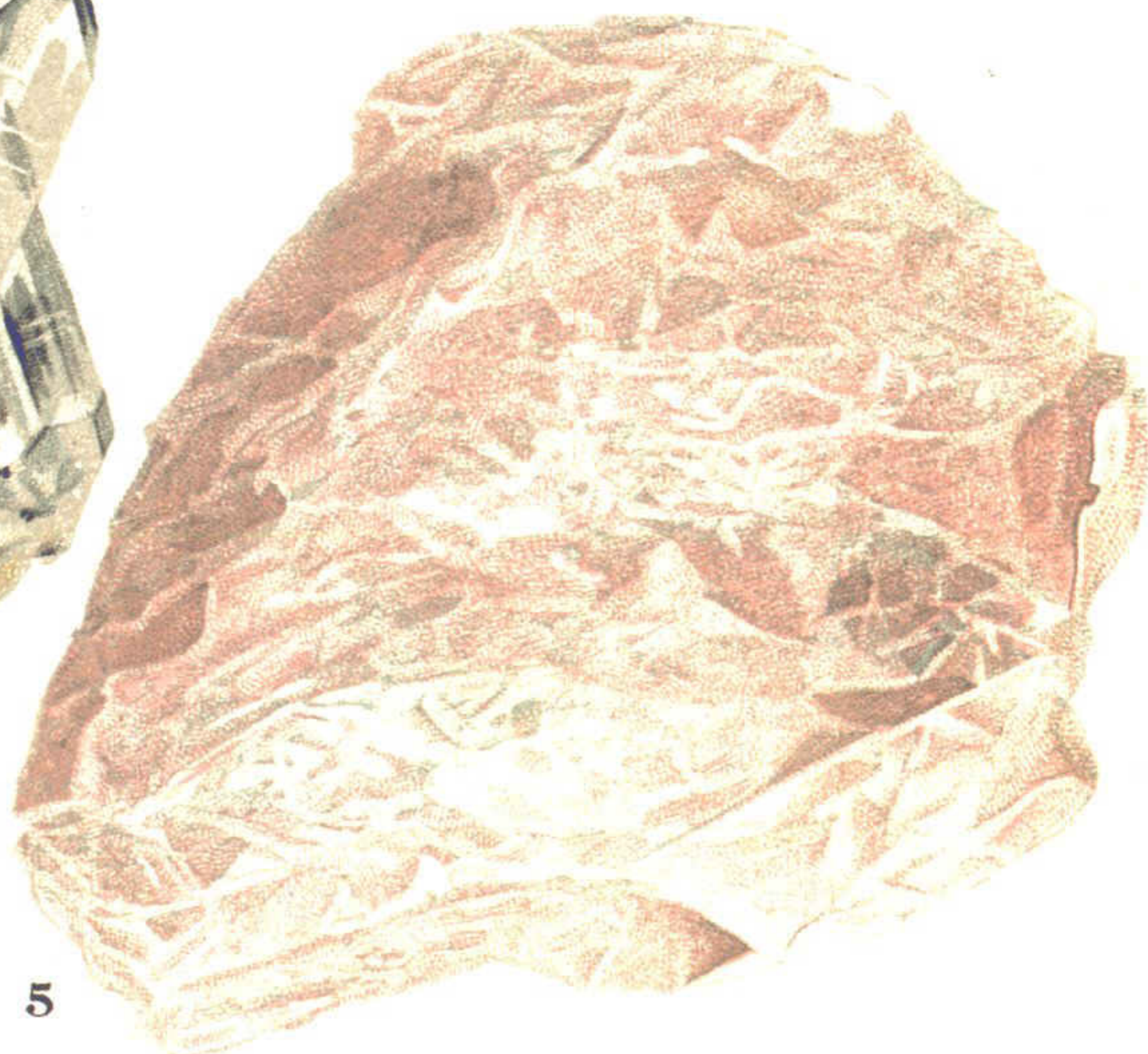
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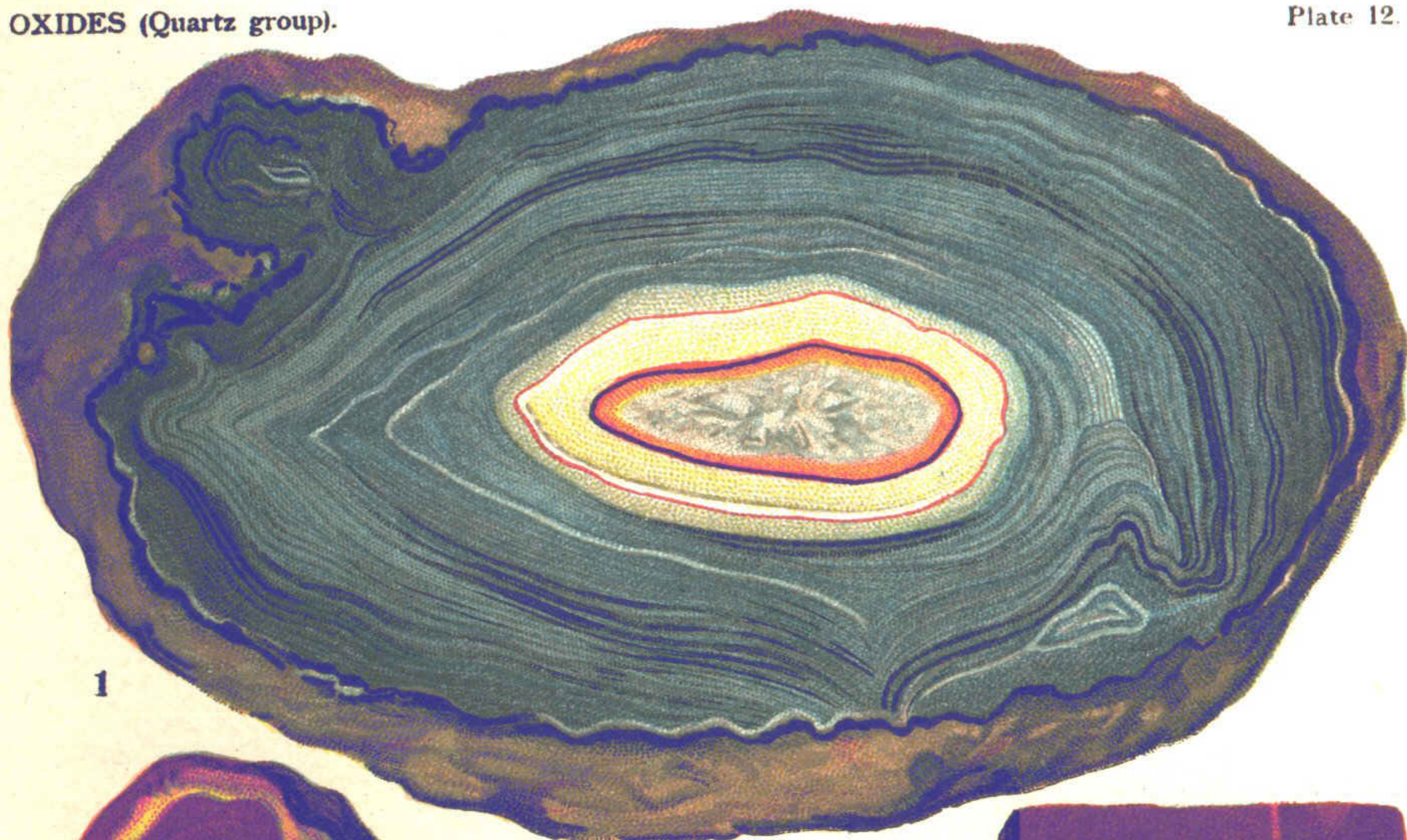


4



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1, Amethyst. 2, Smoky-quartz. 3, Rock-crystal. 4, Cat's-eye. 5, Rose-quartz.



1



2

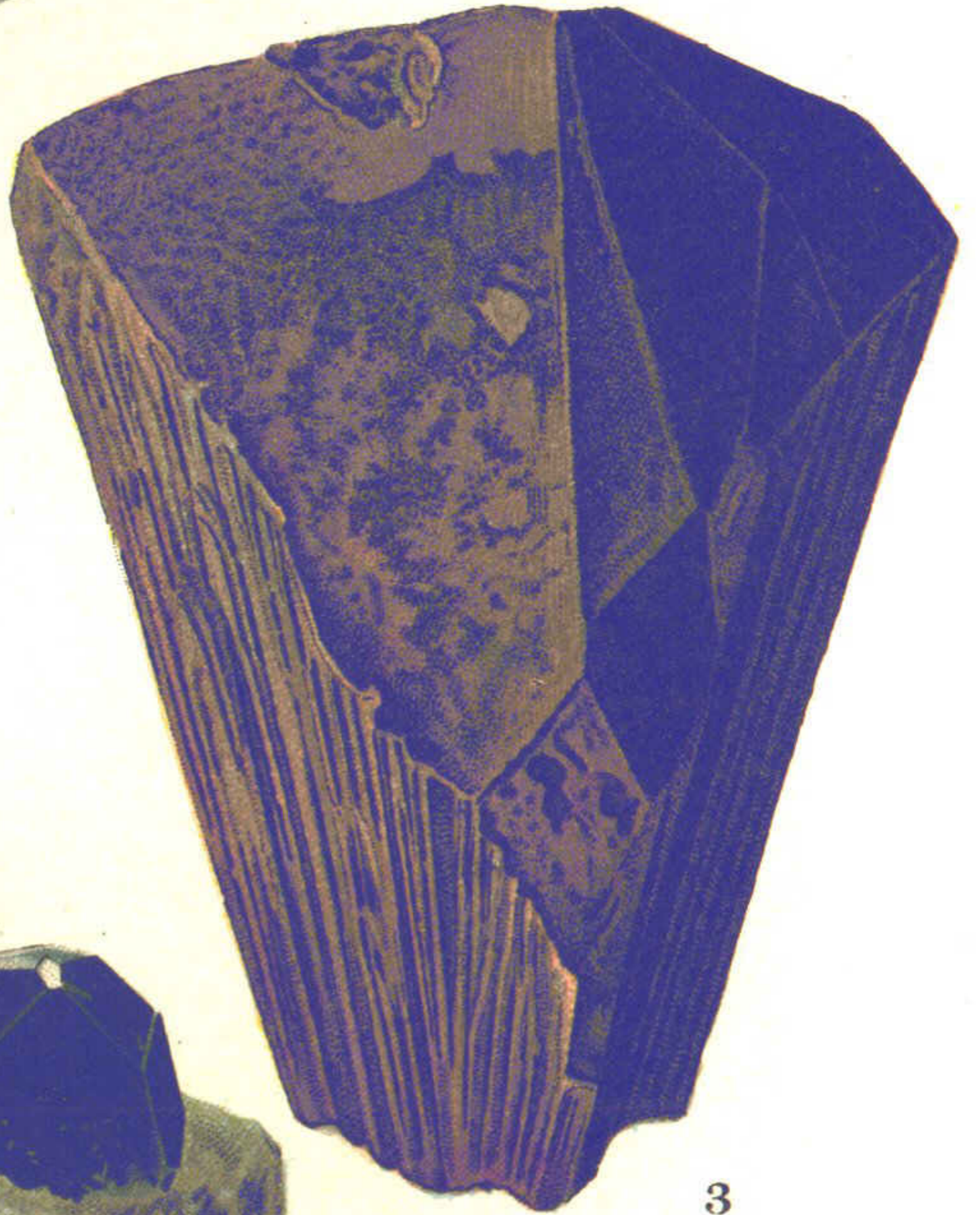


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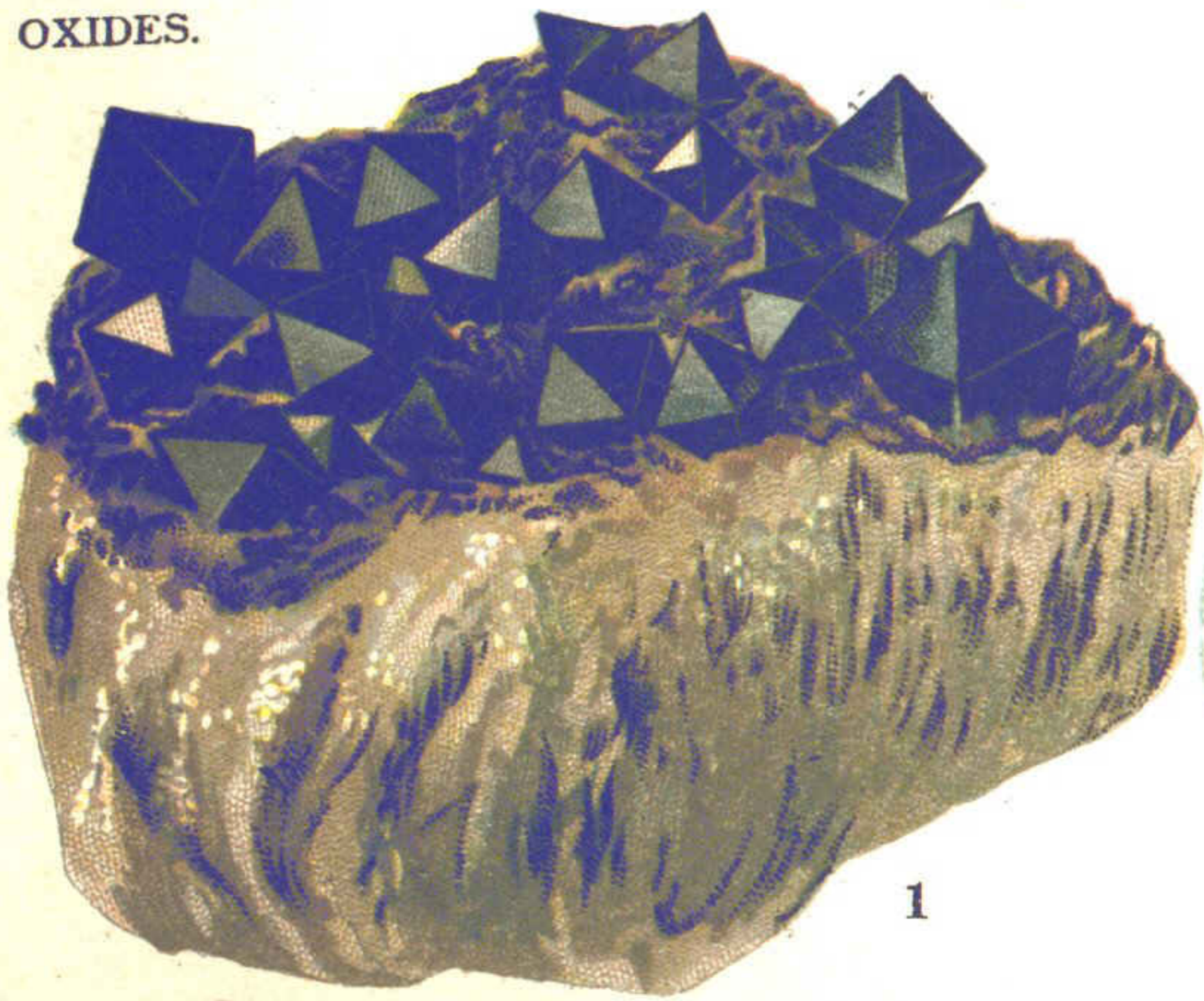


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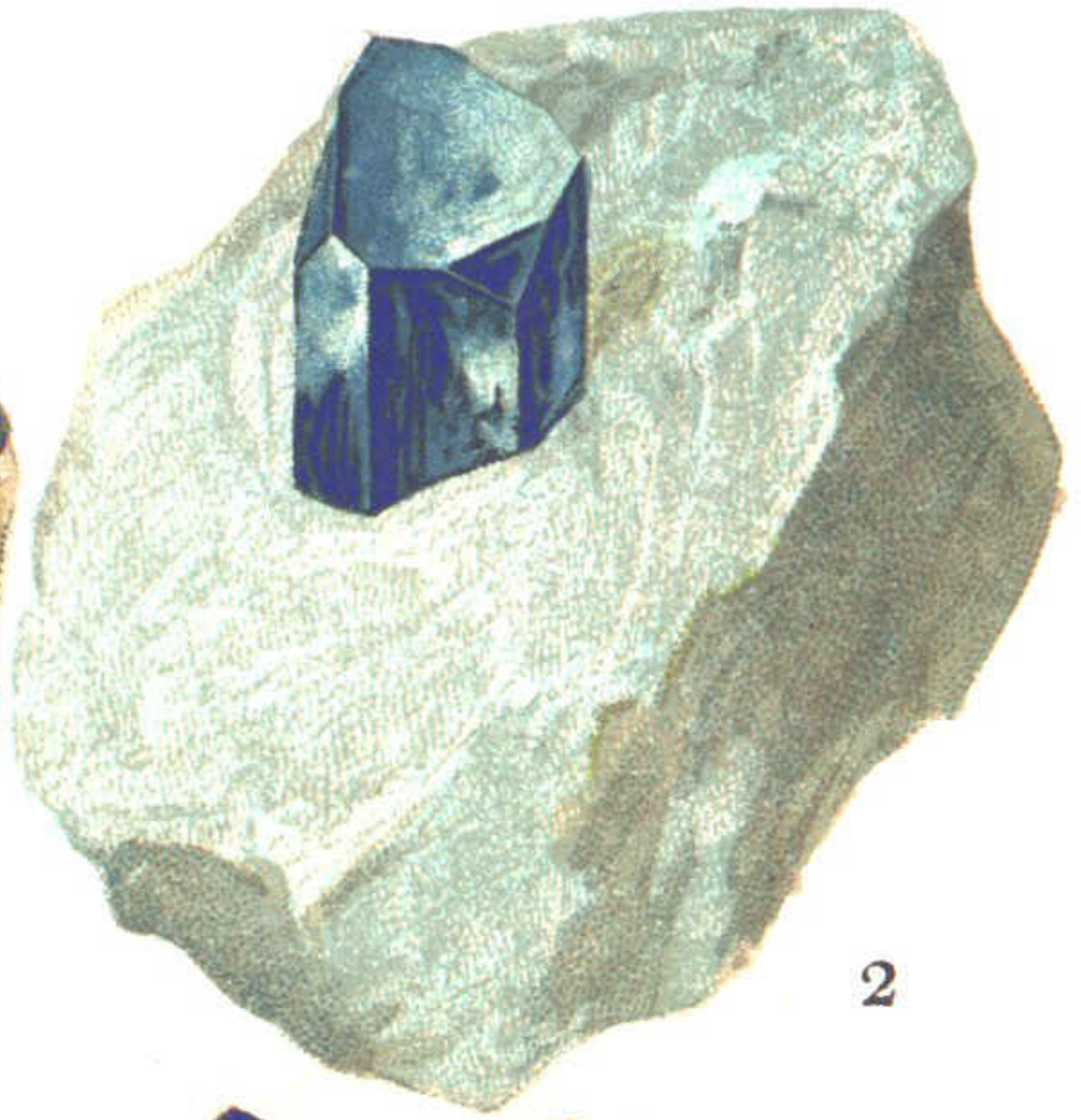
1, Agate. 2, 3, Jasper. 4, Hornstone.



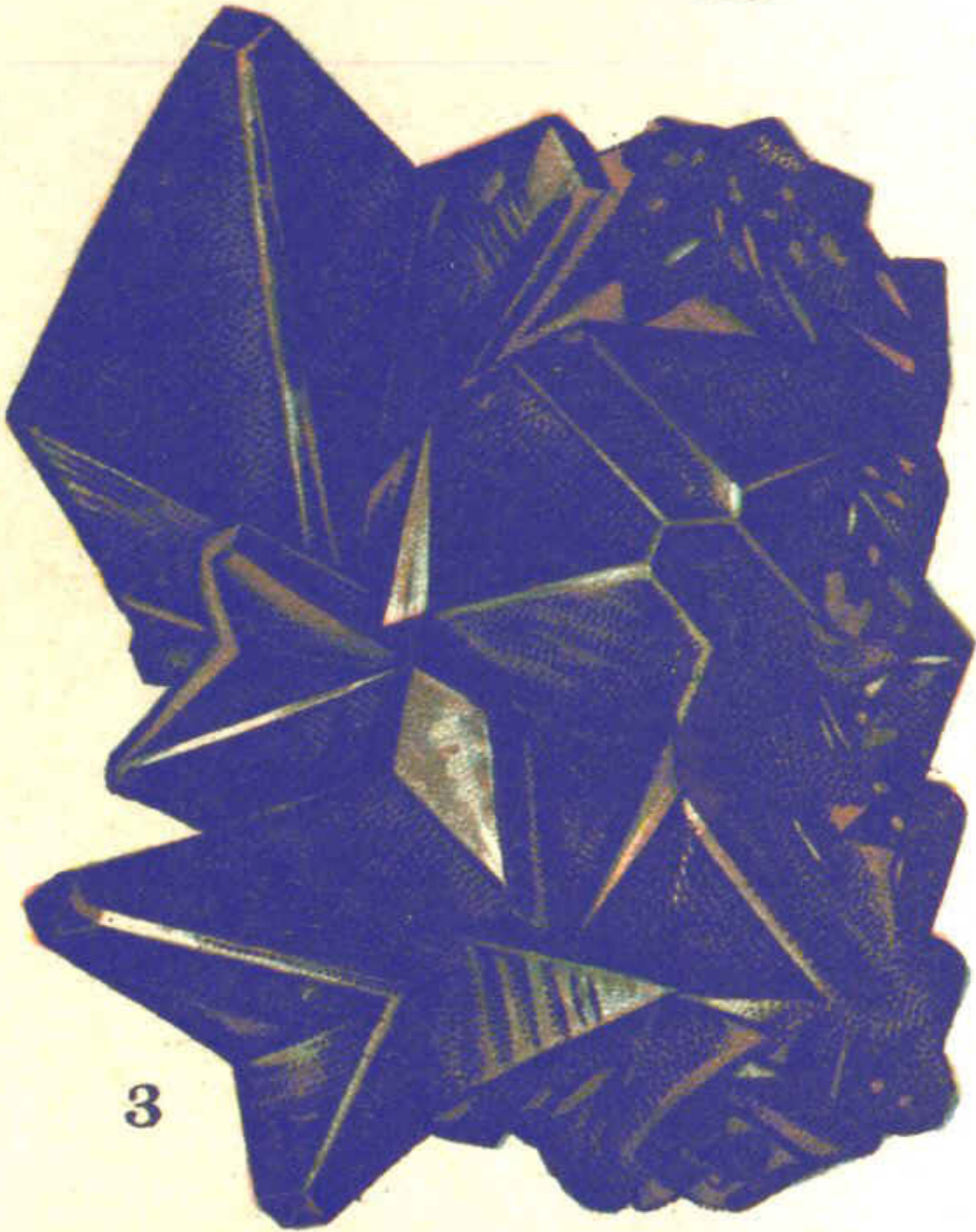
1-4, Haematite.



1



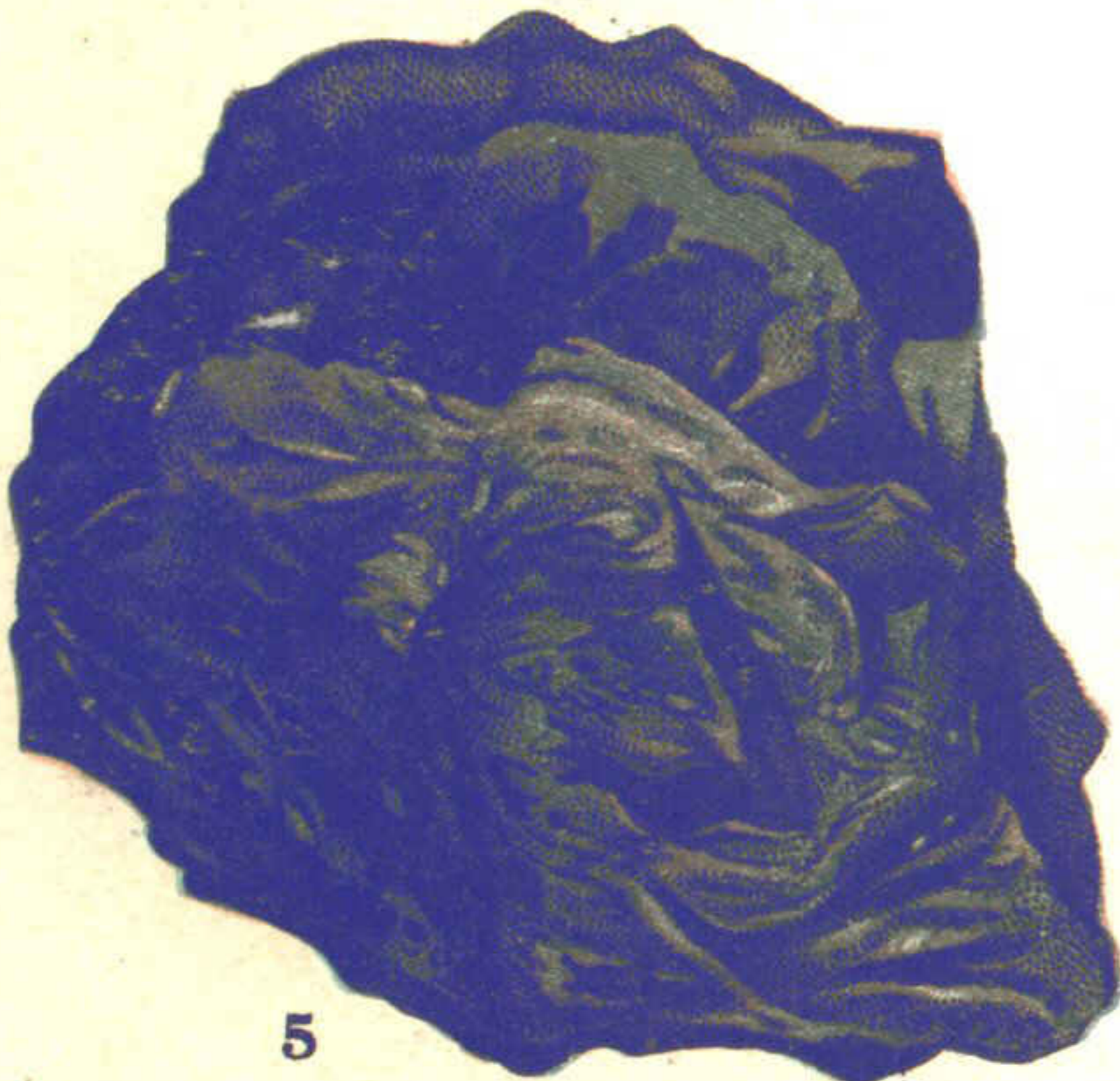
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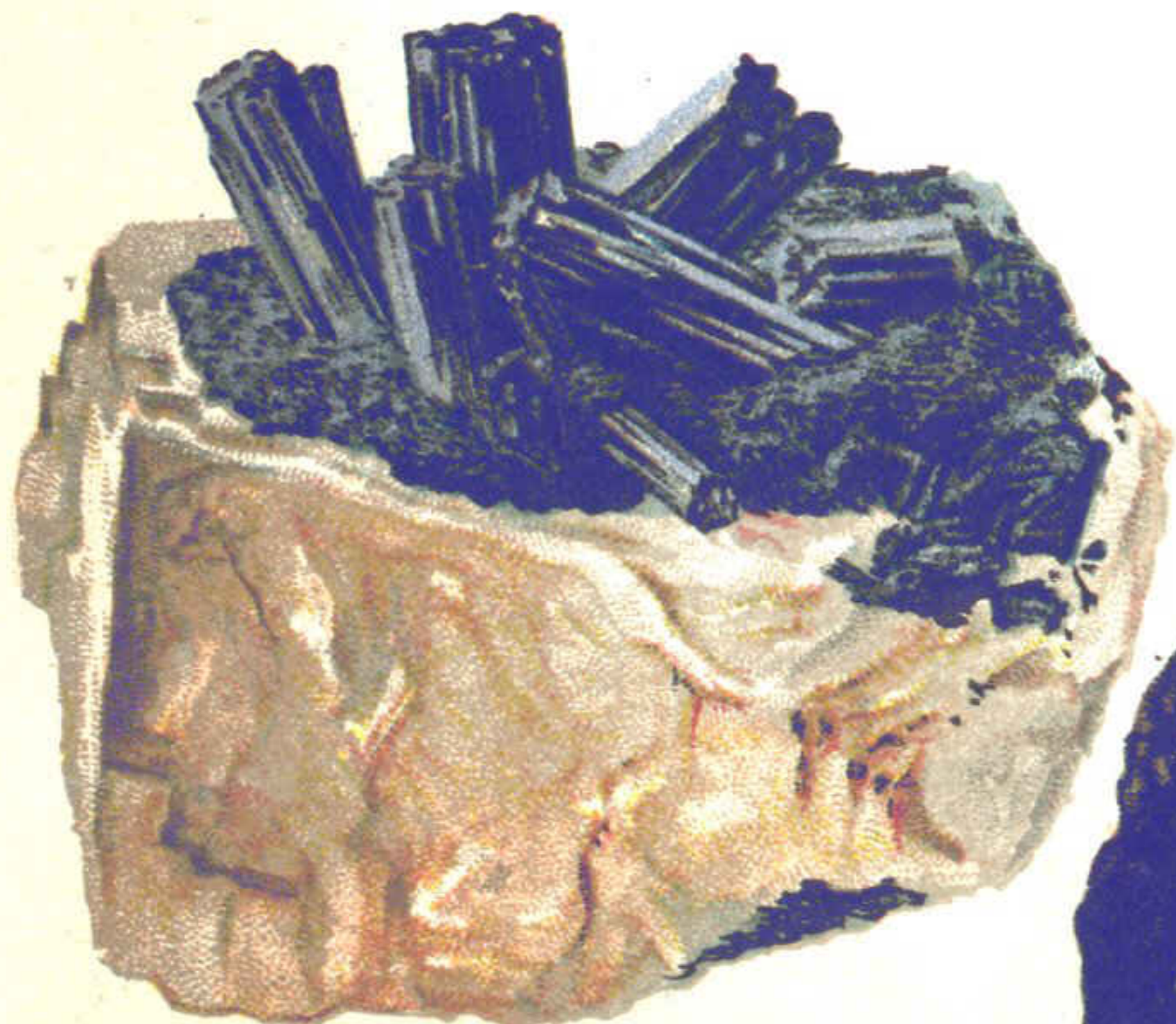


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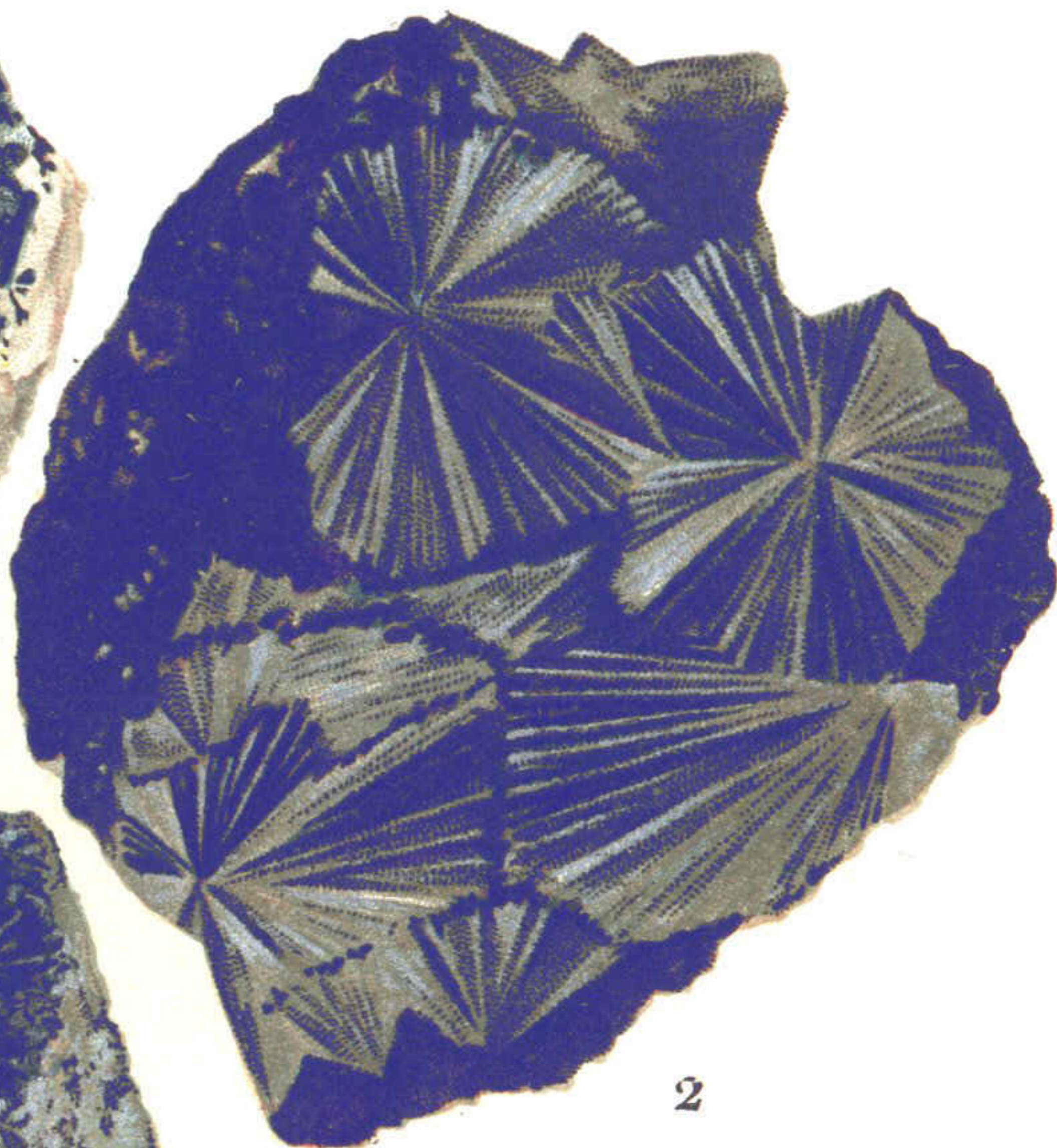


6

1, Magnetite. 2, Corundum. 3, Cassiterite. 4, Zircon. 5, Pitchblende. 6, Limonite.



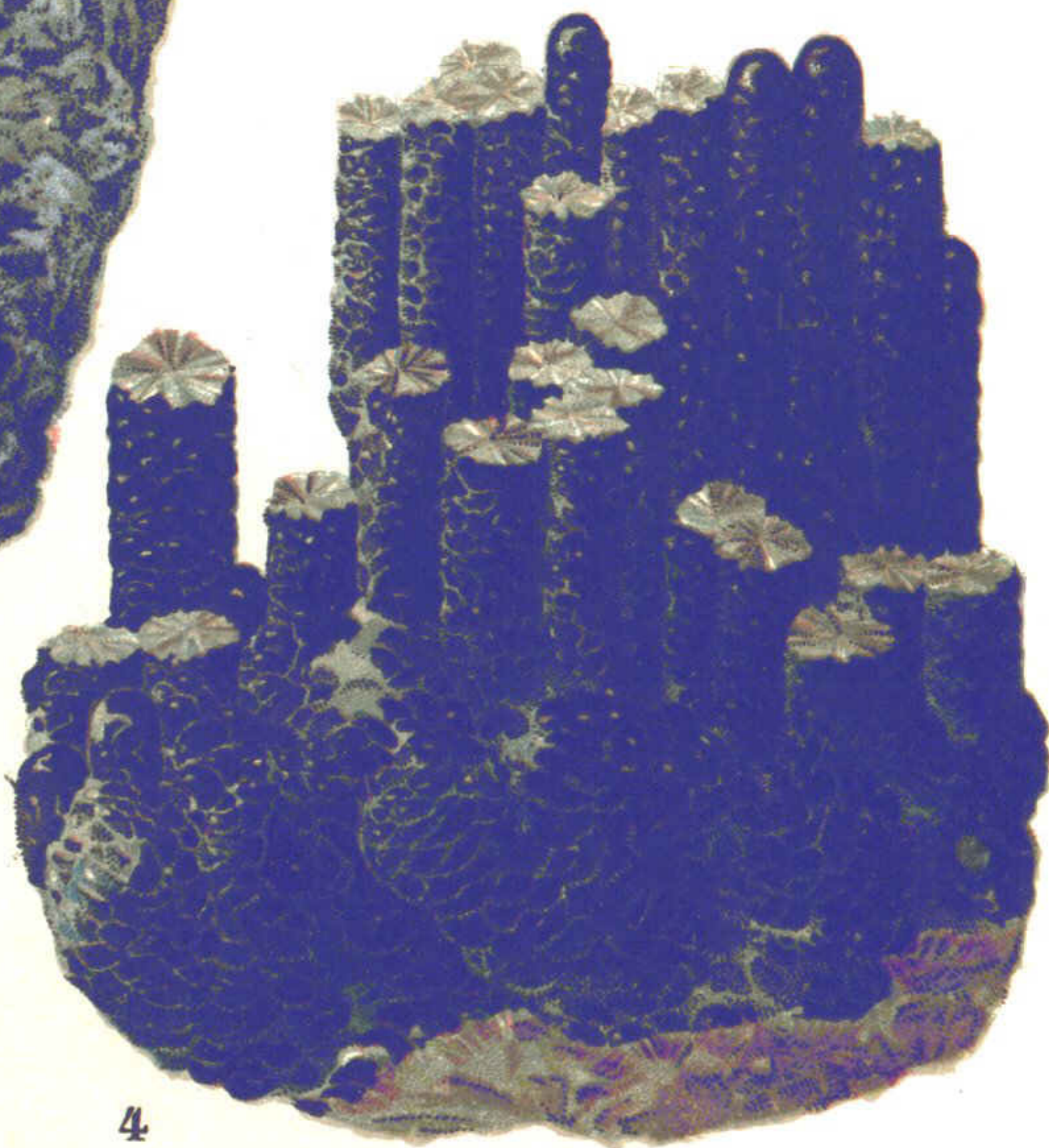
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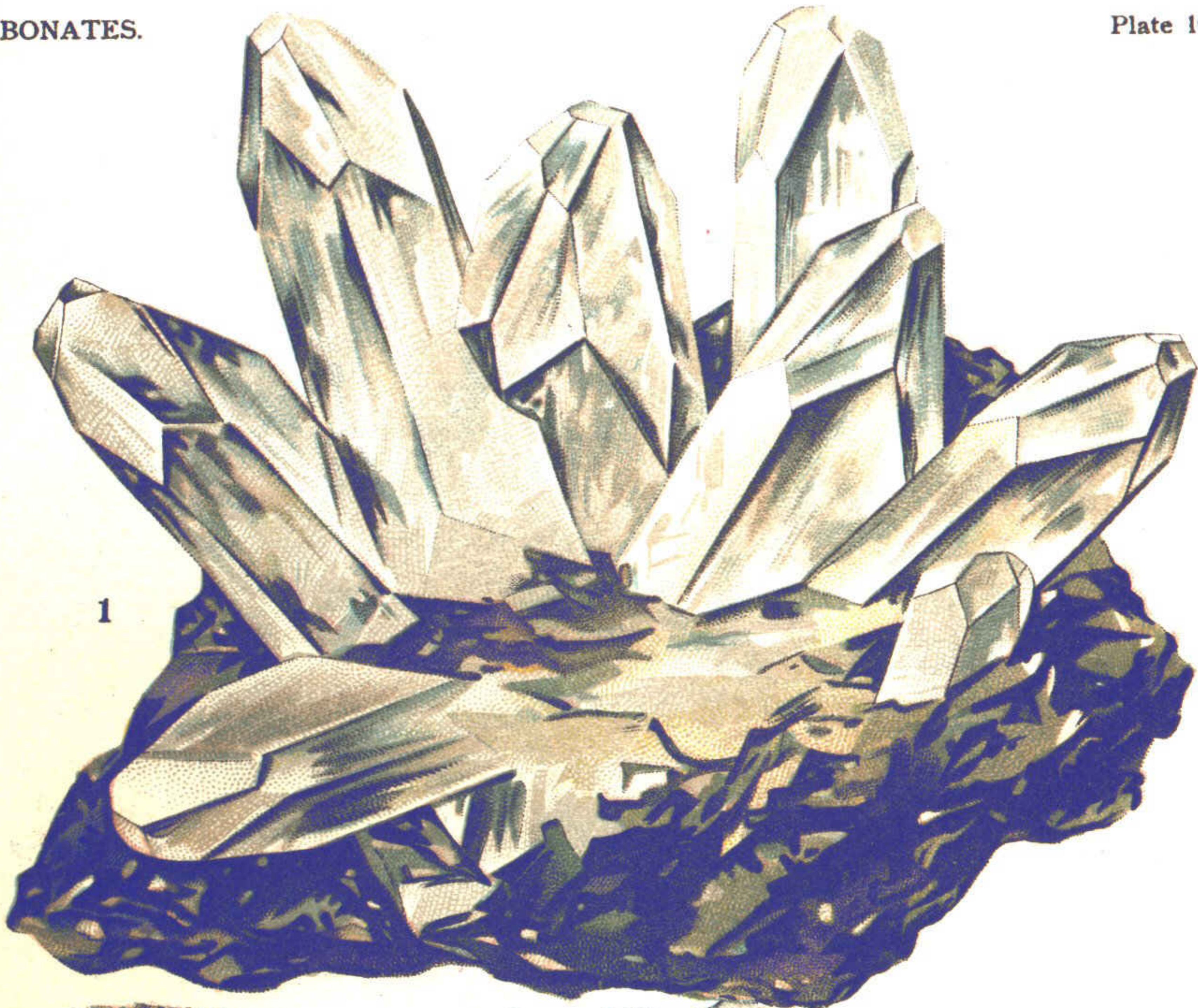


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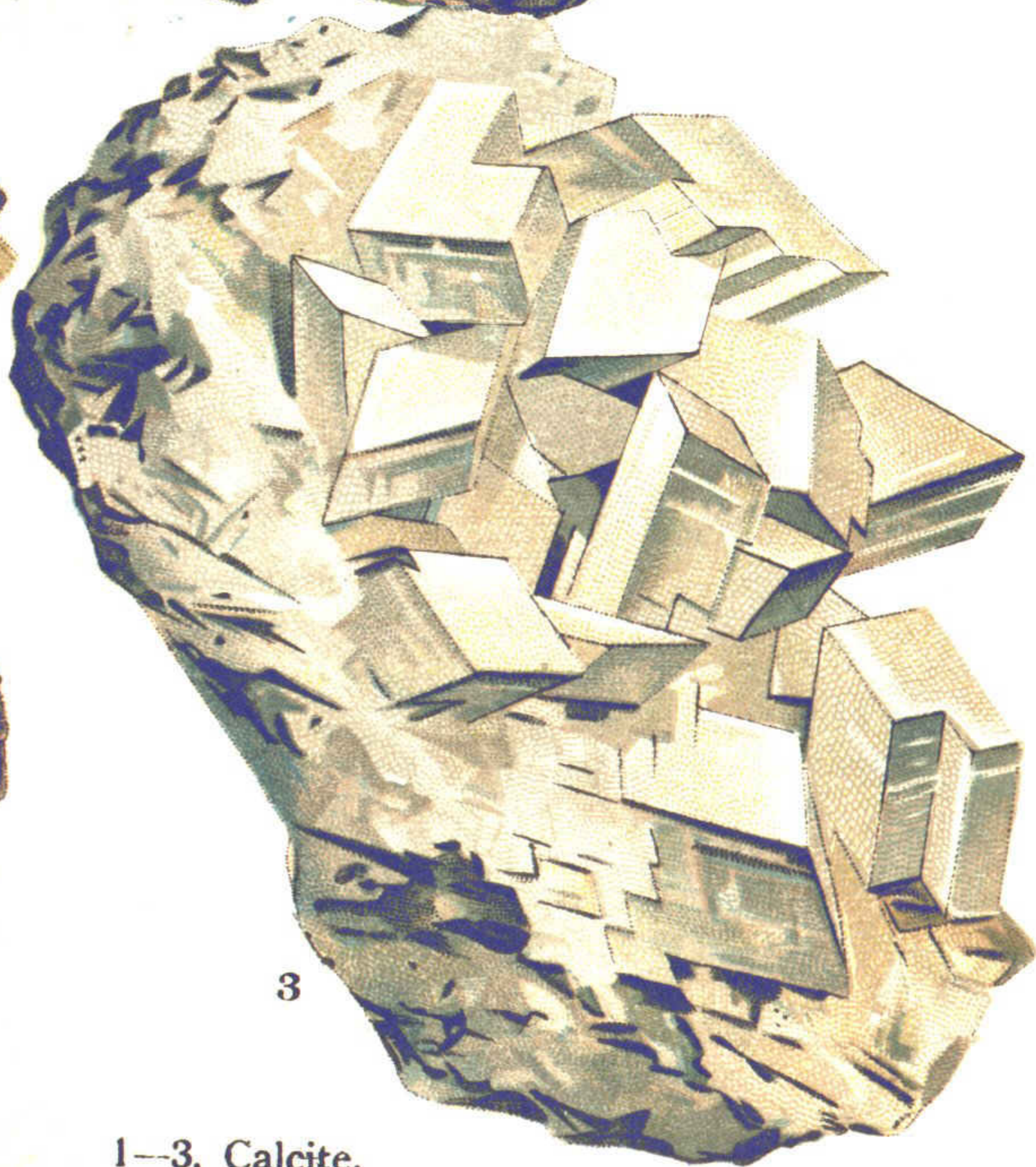
1, Manganite. 2, 3, Pyrolusite. 4, Psilomelane.



1

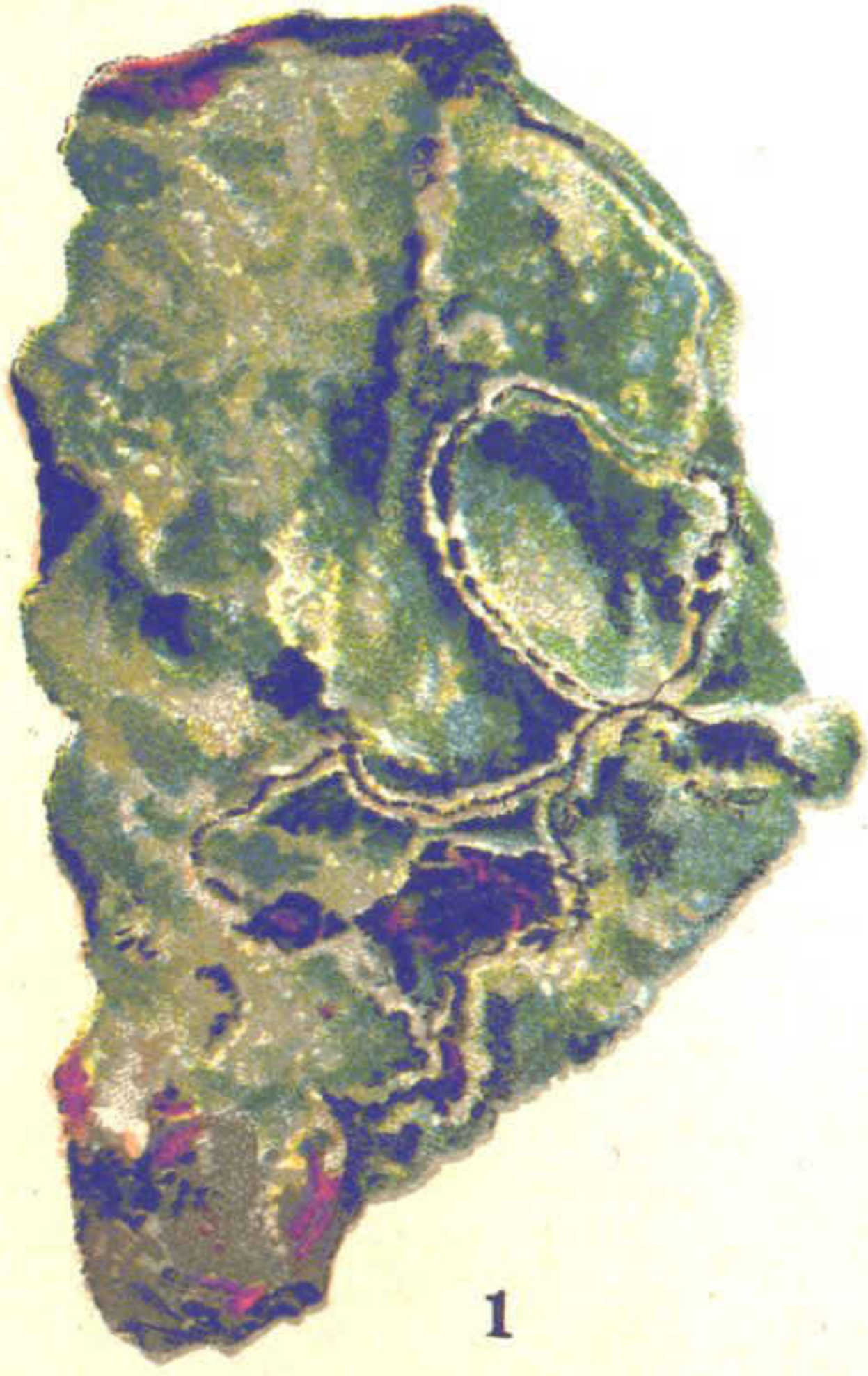


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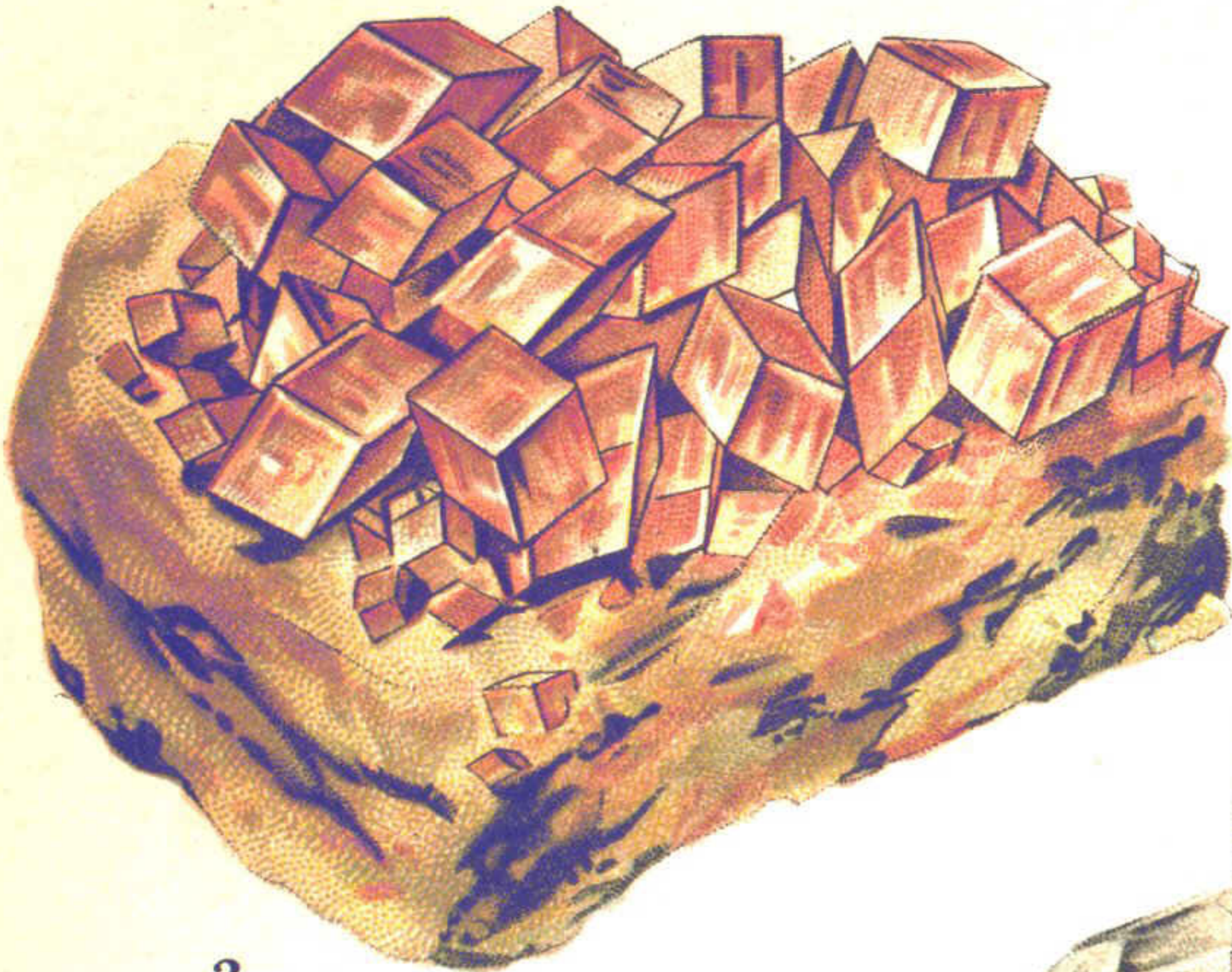
1-3, Calcite.



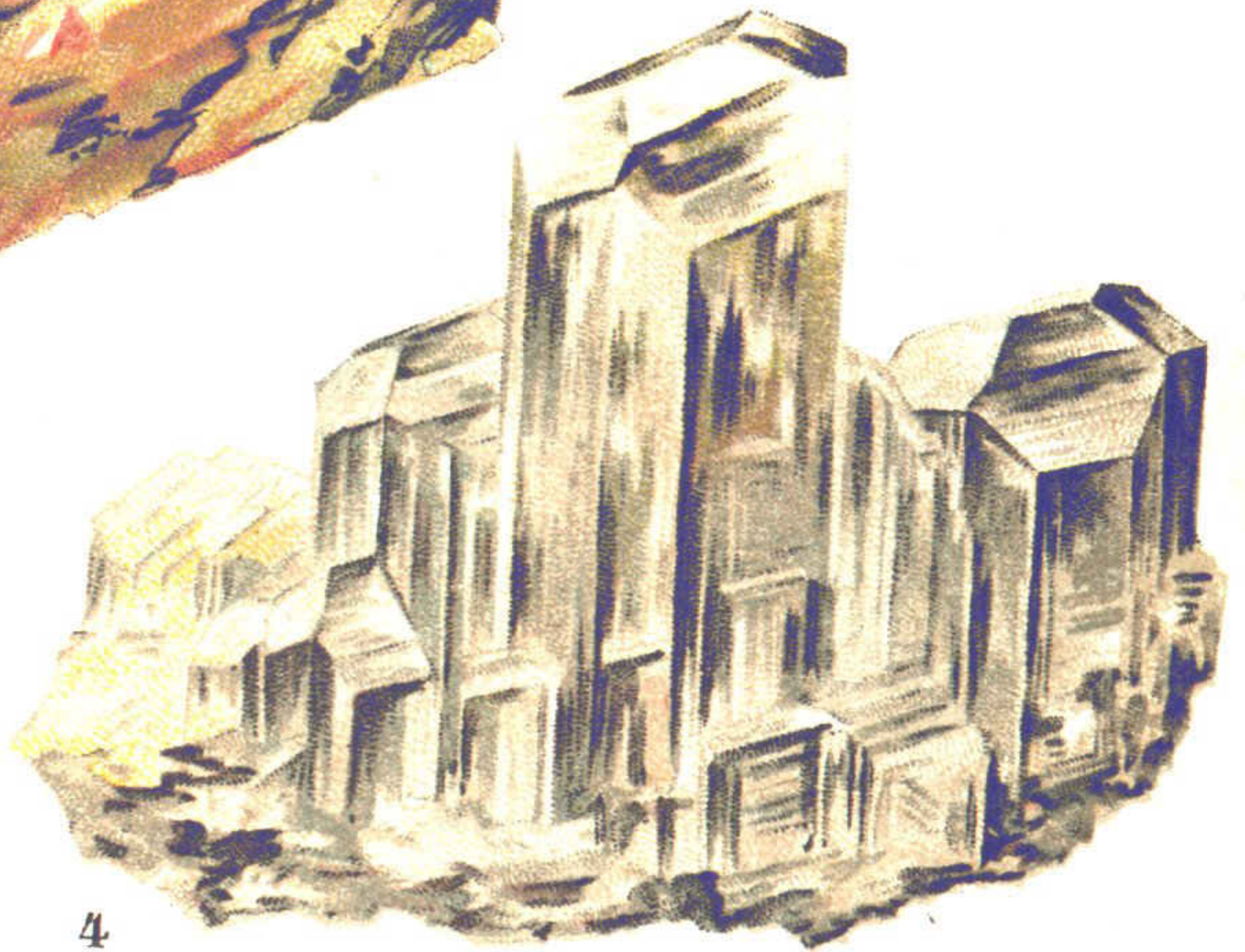
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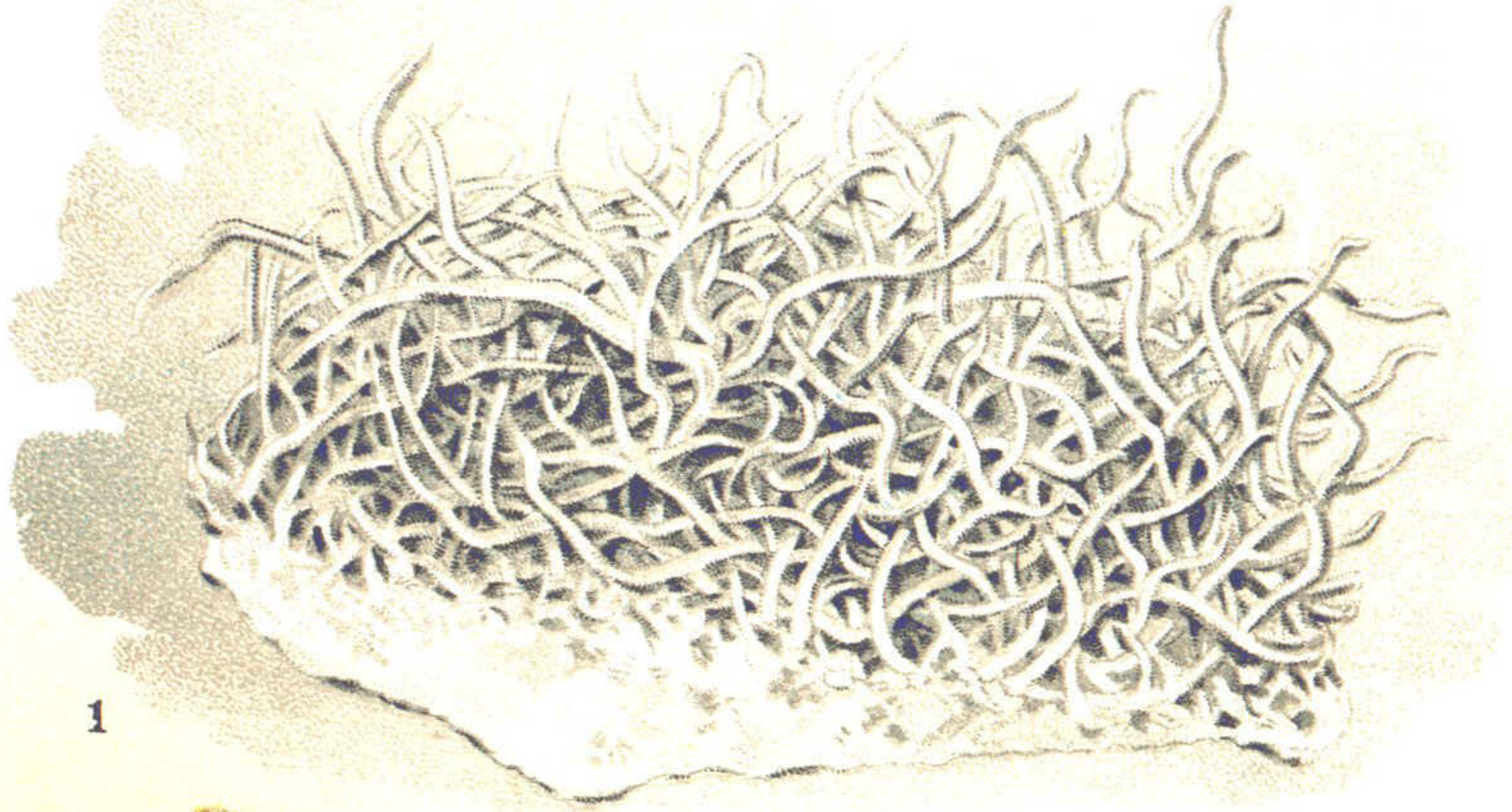


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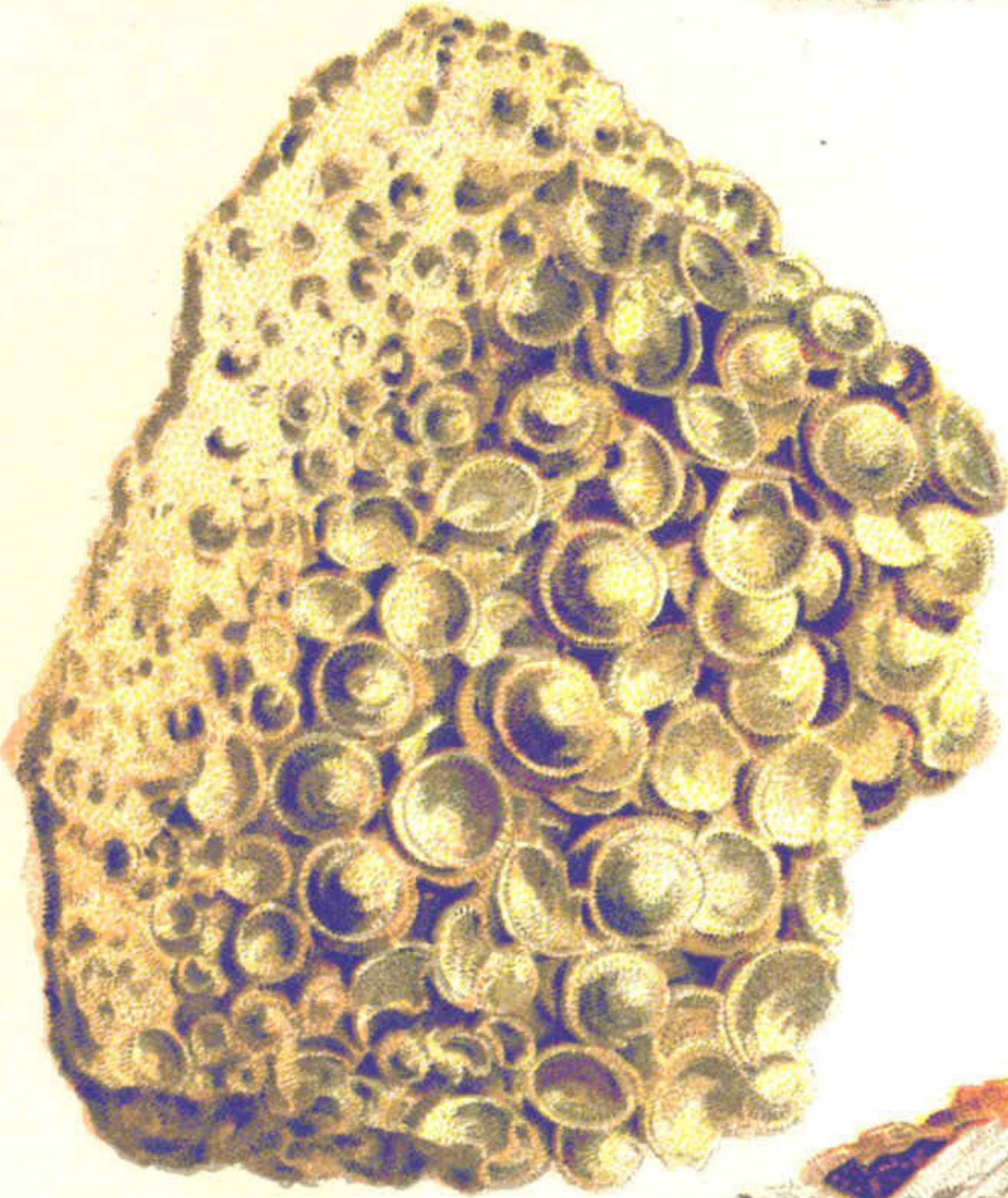


4

1, Calamine. 2, Chalybite. 3, Rhodochrosite. 4, Cerussite.



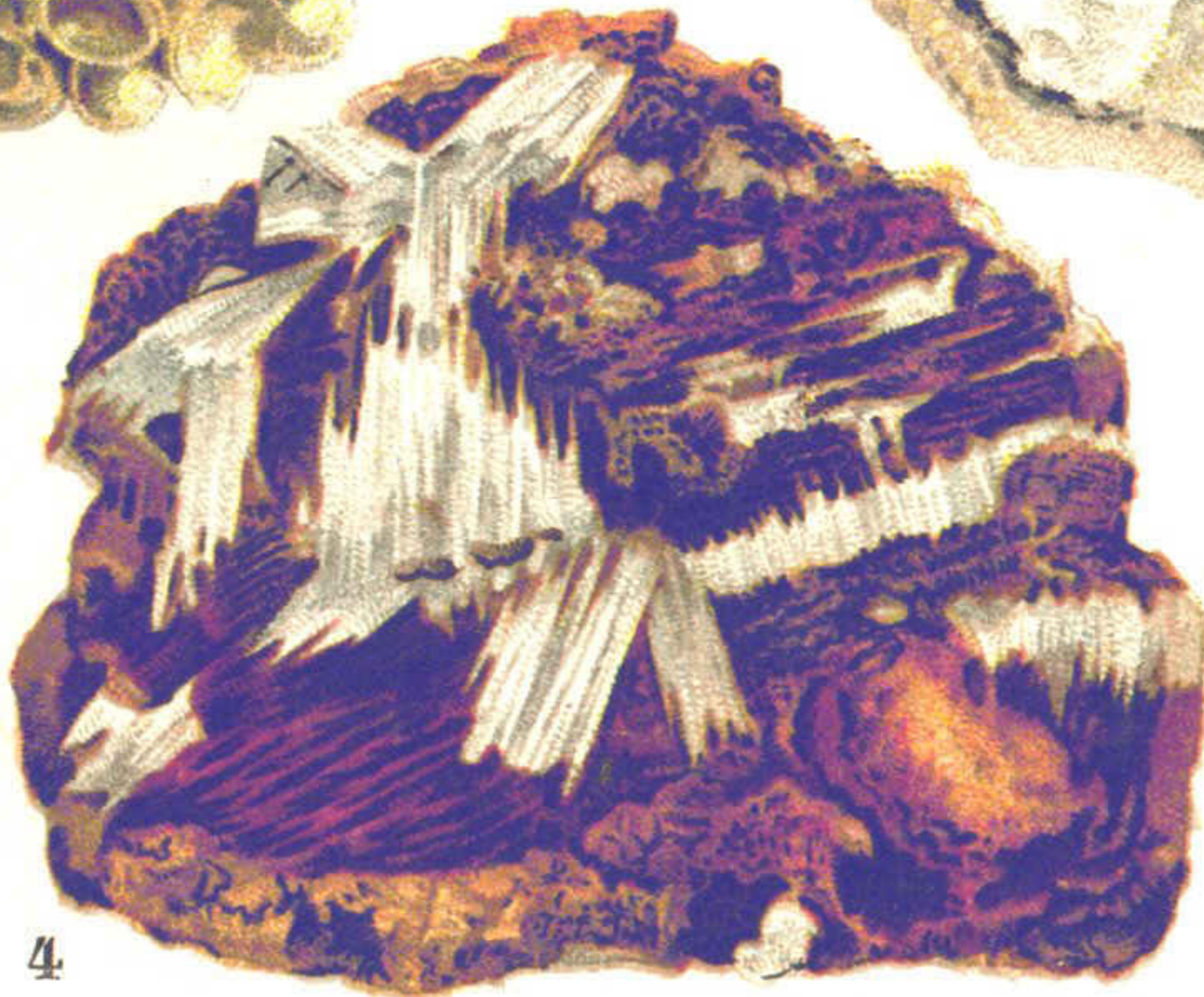
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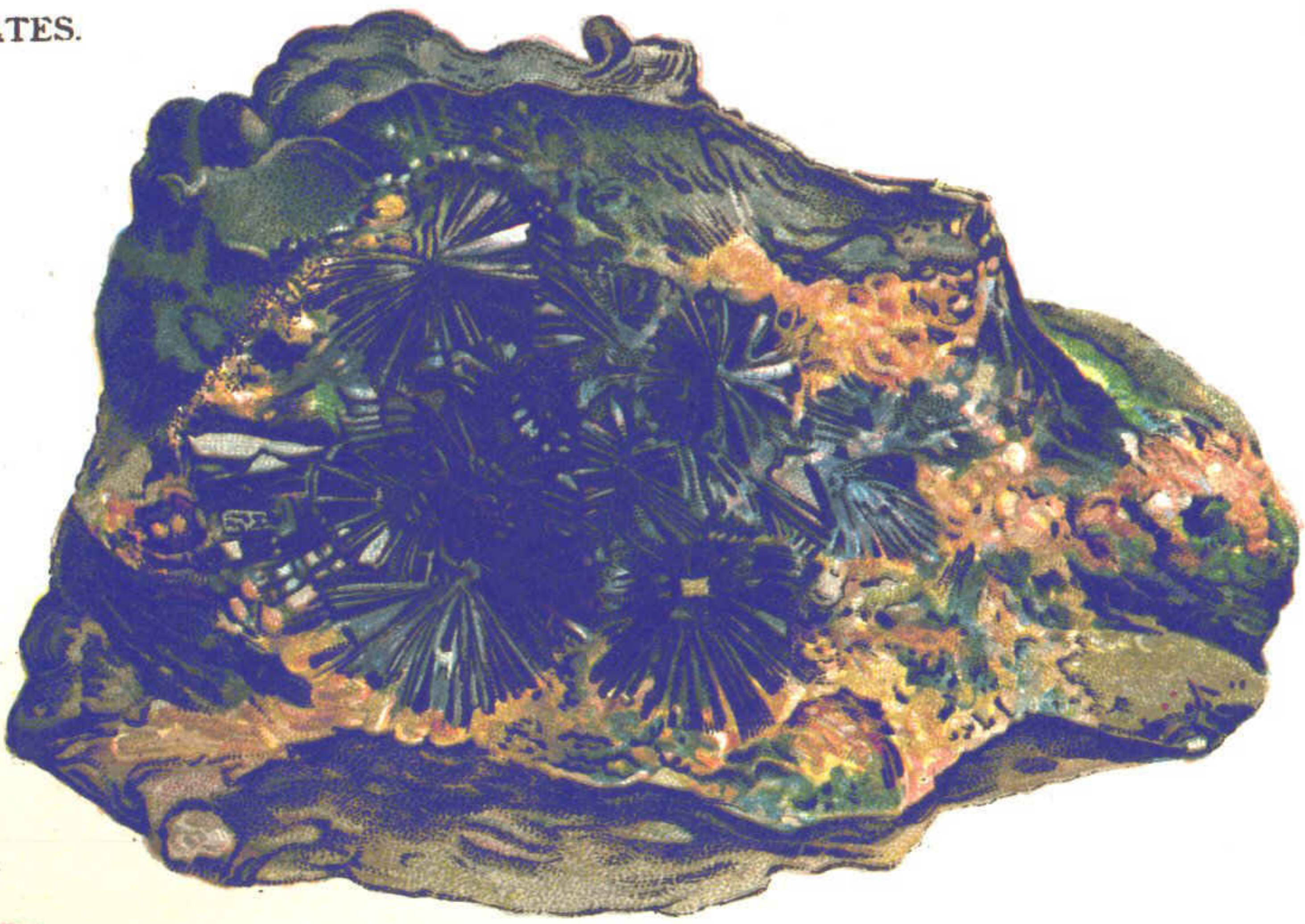


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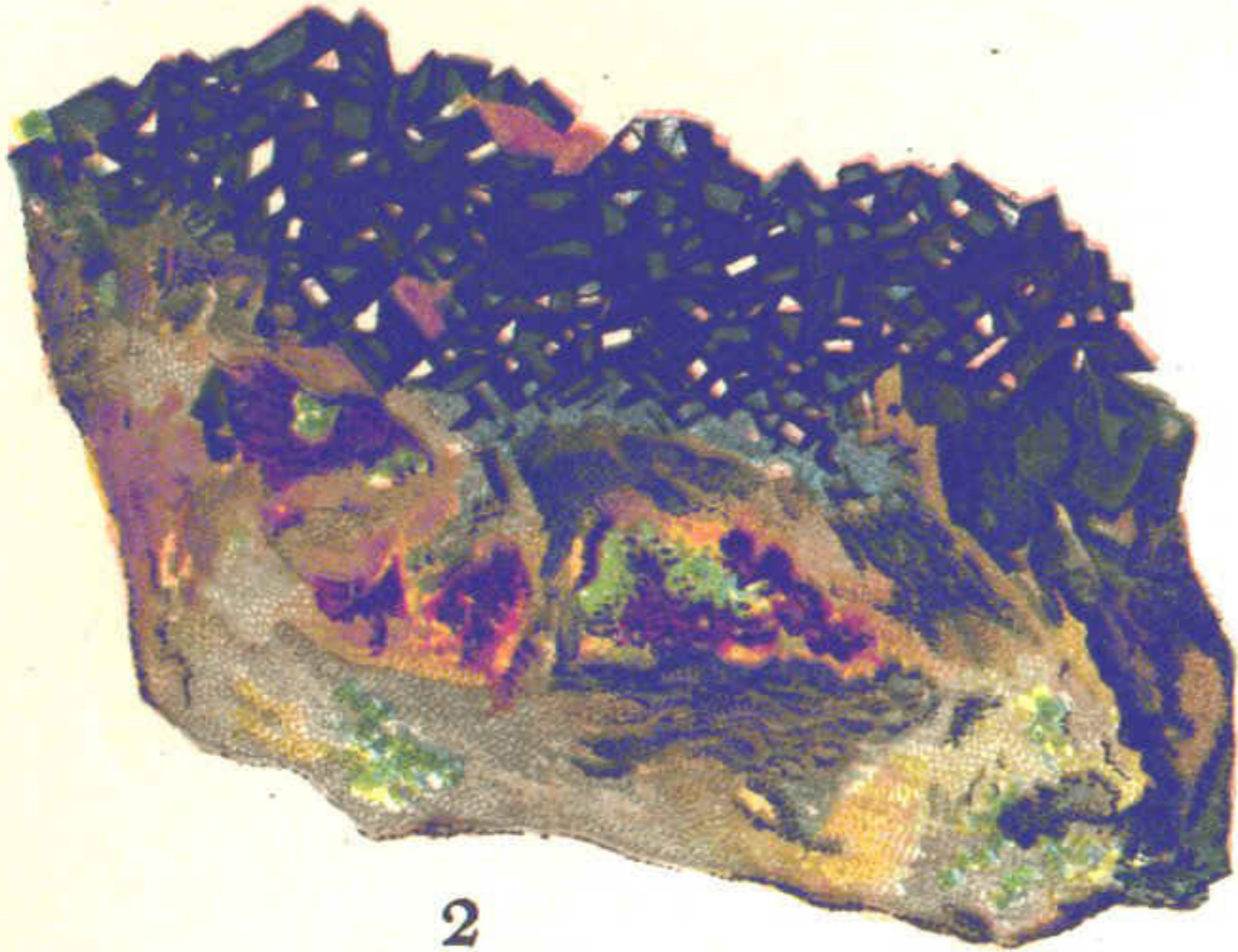


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1—3, Aragonite. 4, Cerussite.



1



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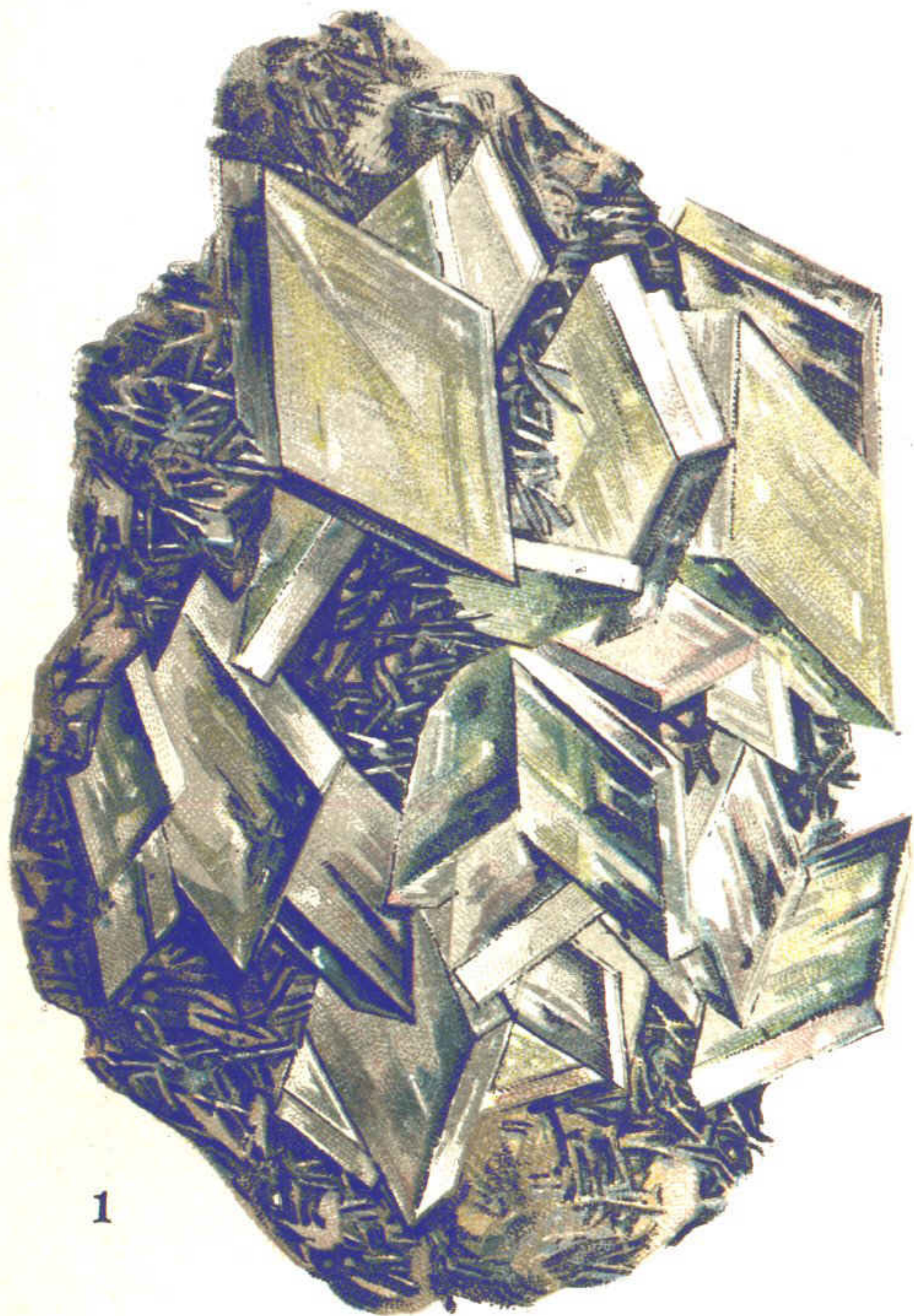


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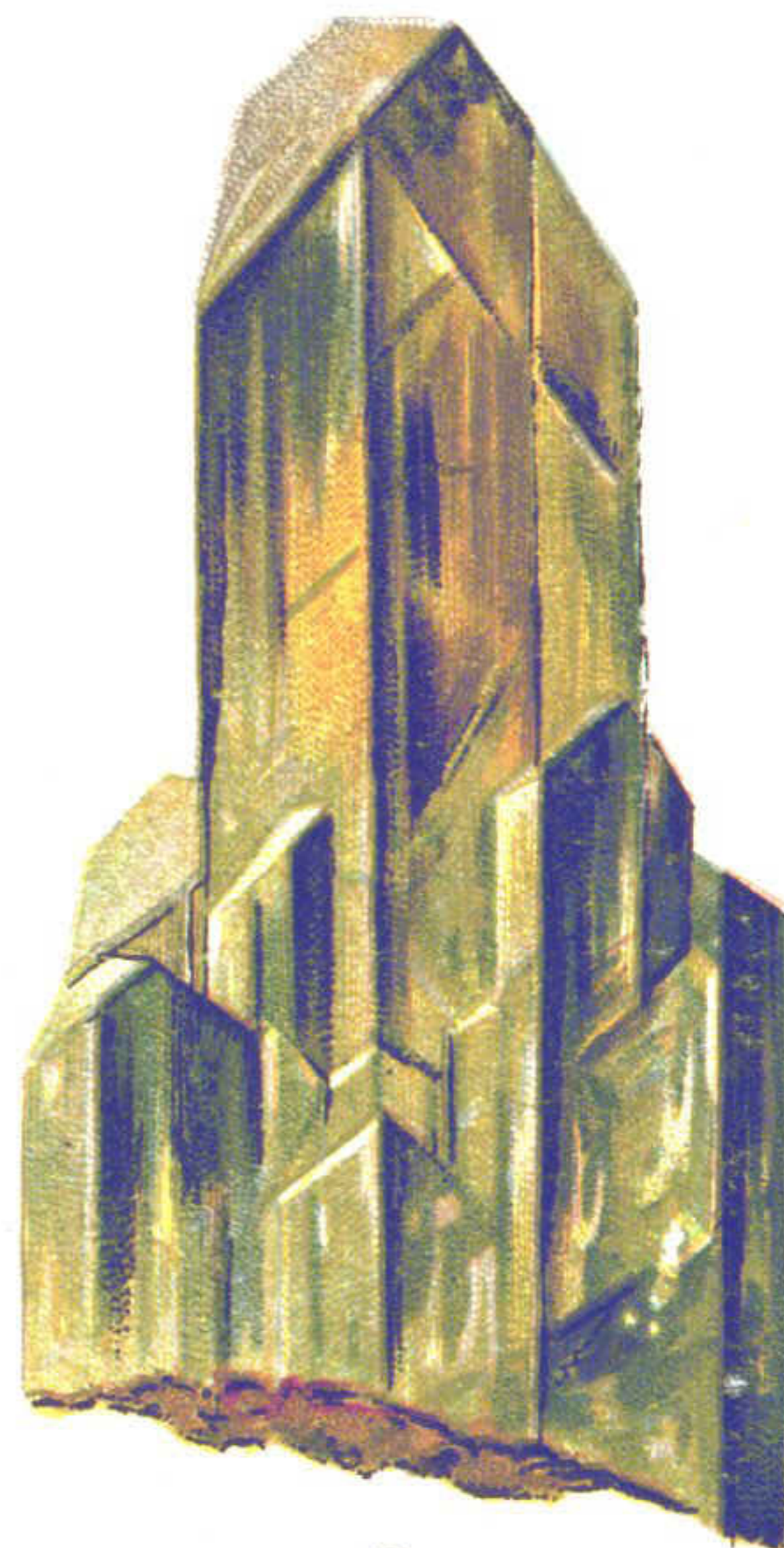


4

1, 2, Chessylite. 3, 4, Malachite.



1



2

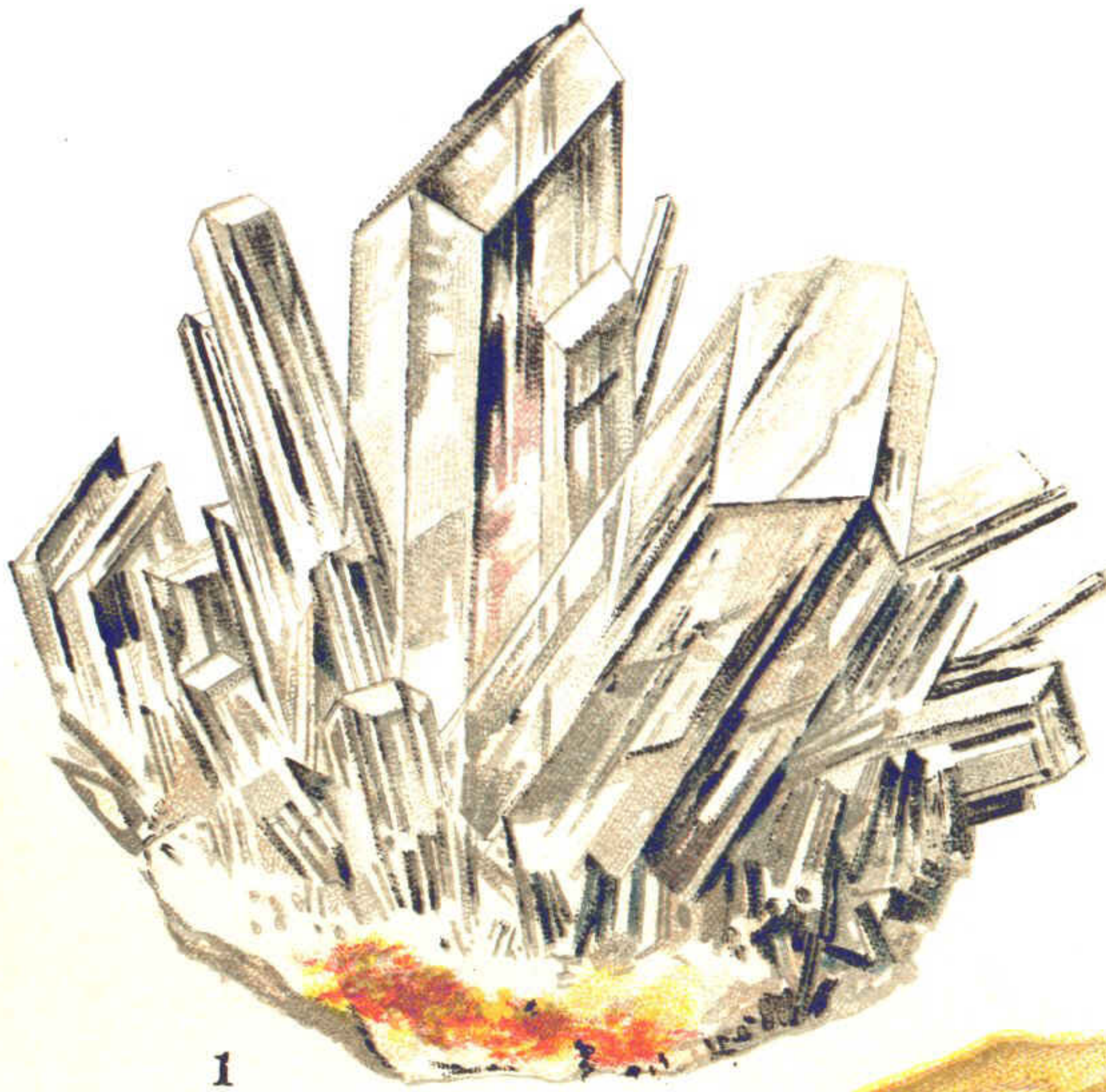


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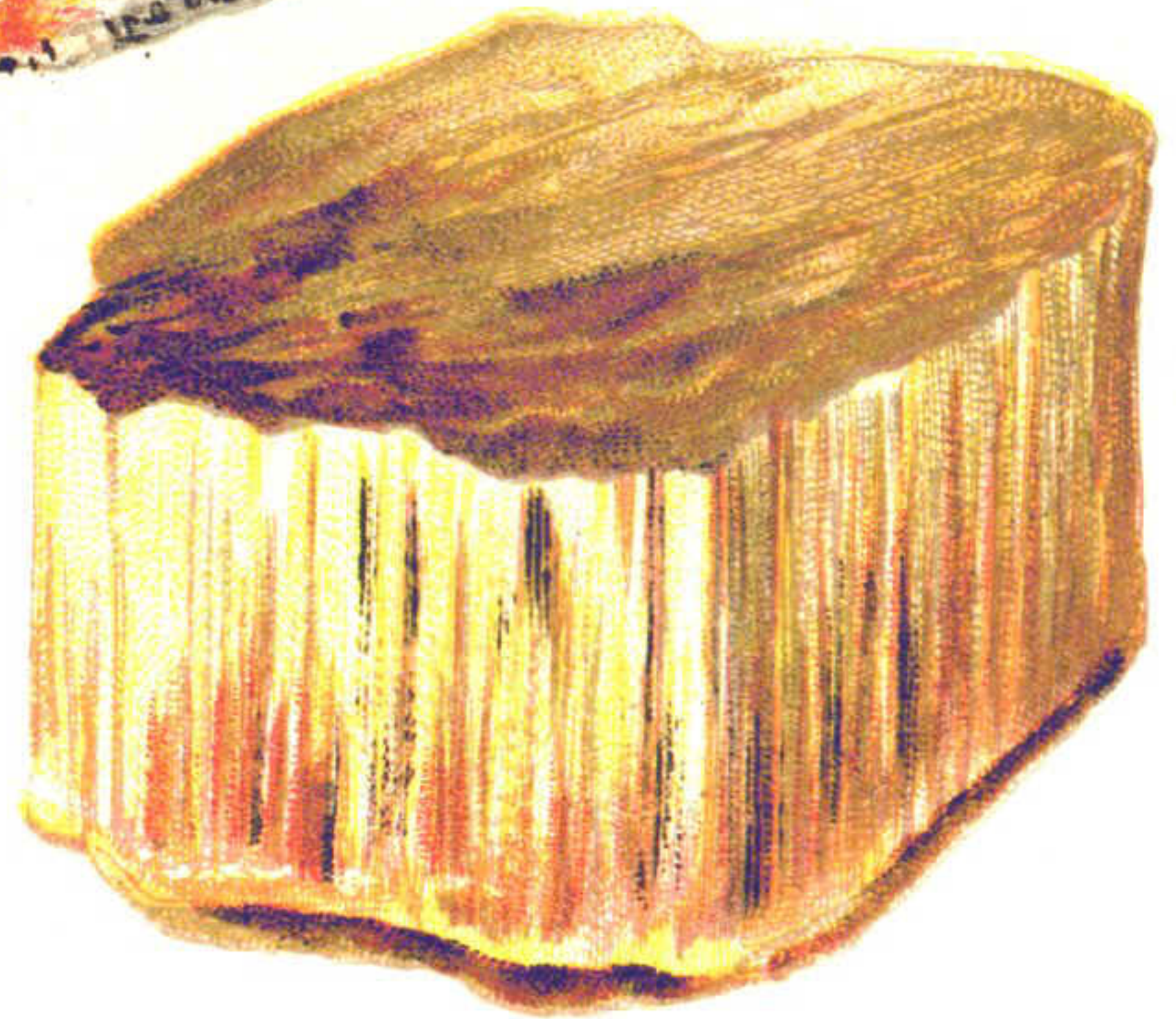


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1, 2, Barytes. 3, Anglesite. 4, Celestite.



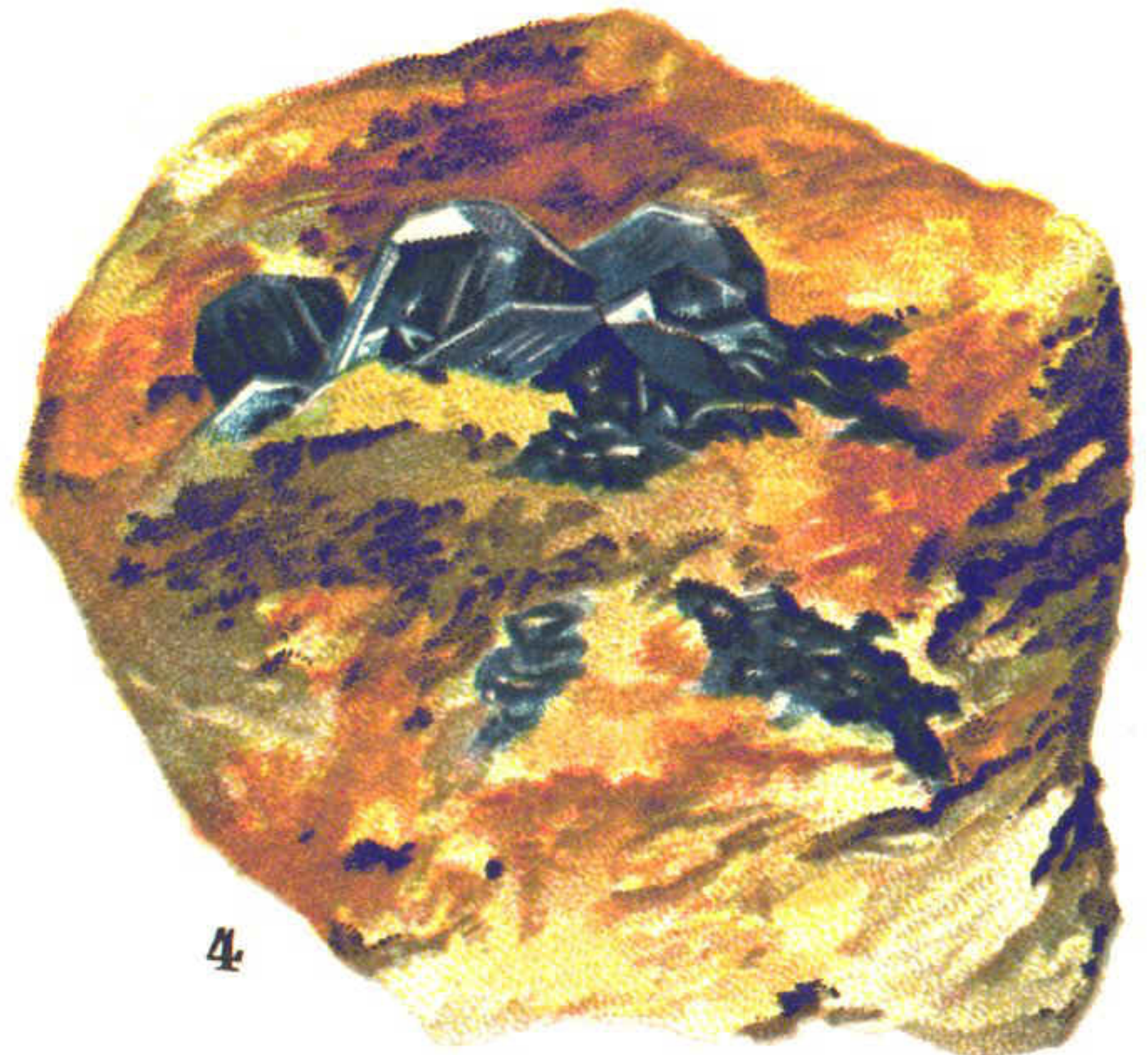
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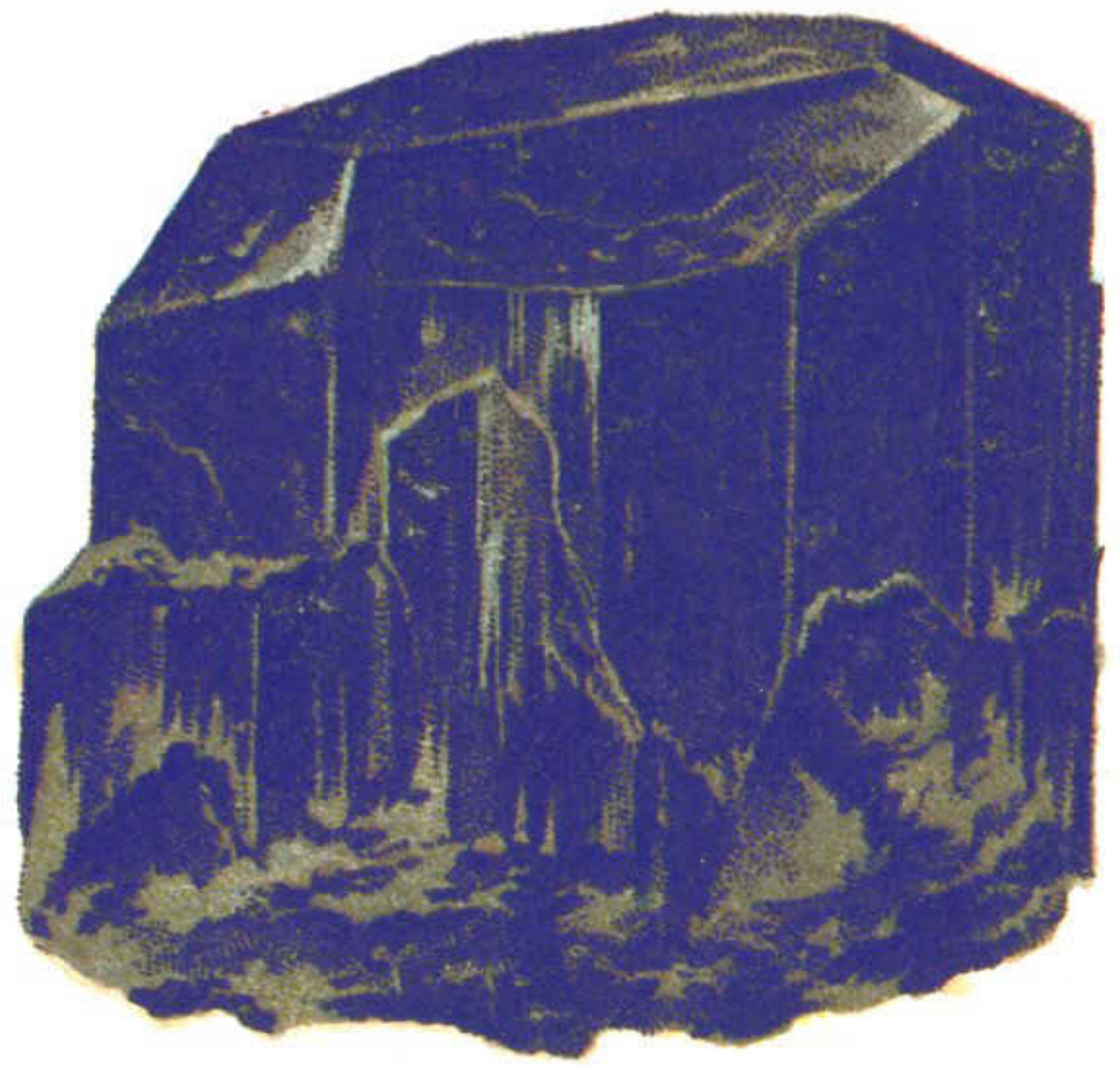


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1-3, Gypsum. 4, Linarite.



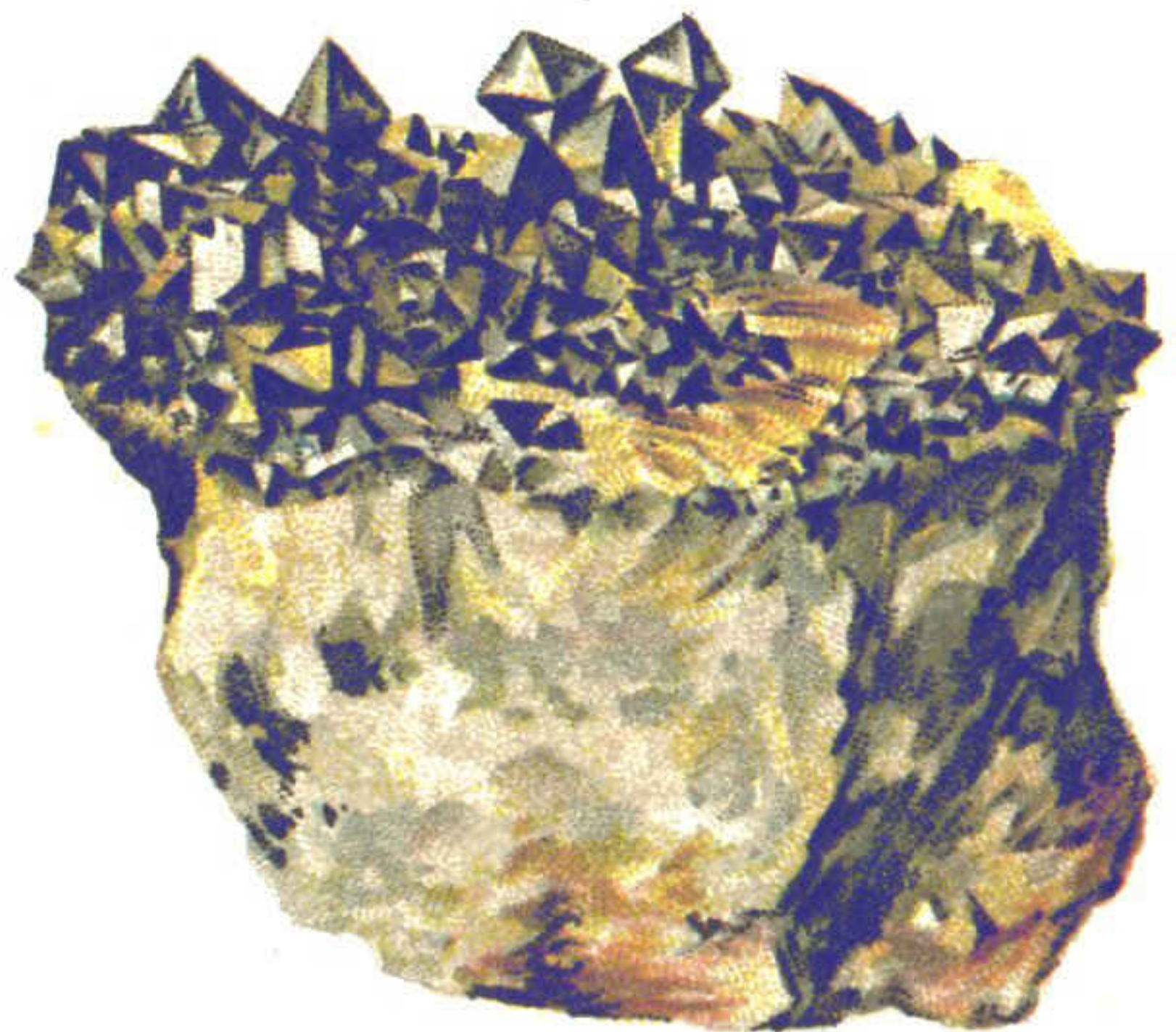
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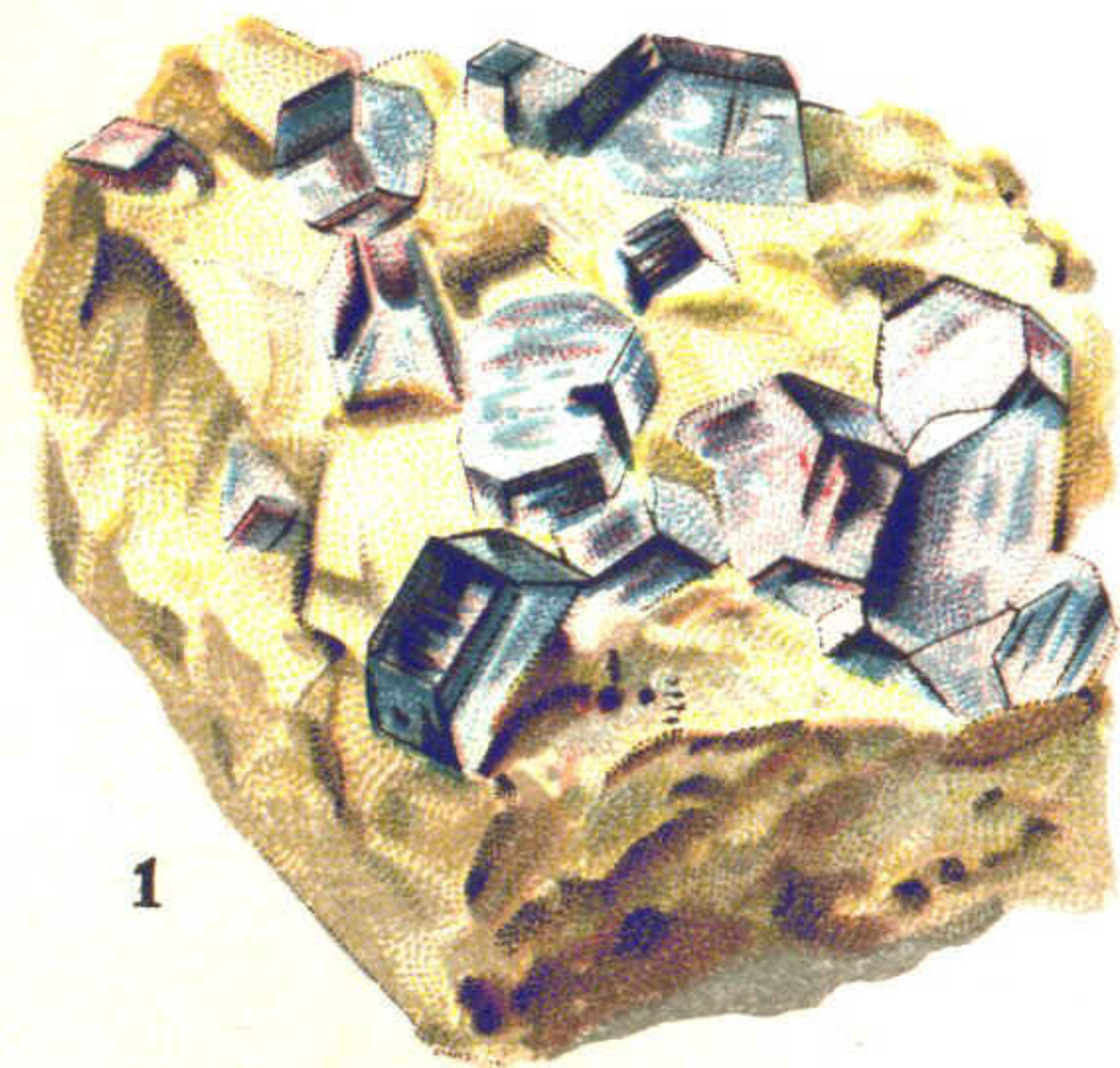


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4

1, Crocoite. 2, Wolframite. 3, Wulfenite. 4, Scheelite.



1



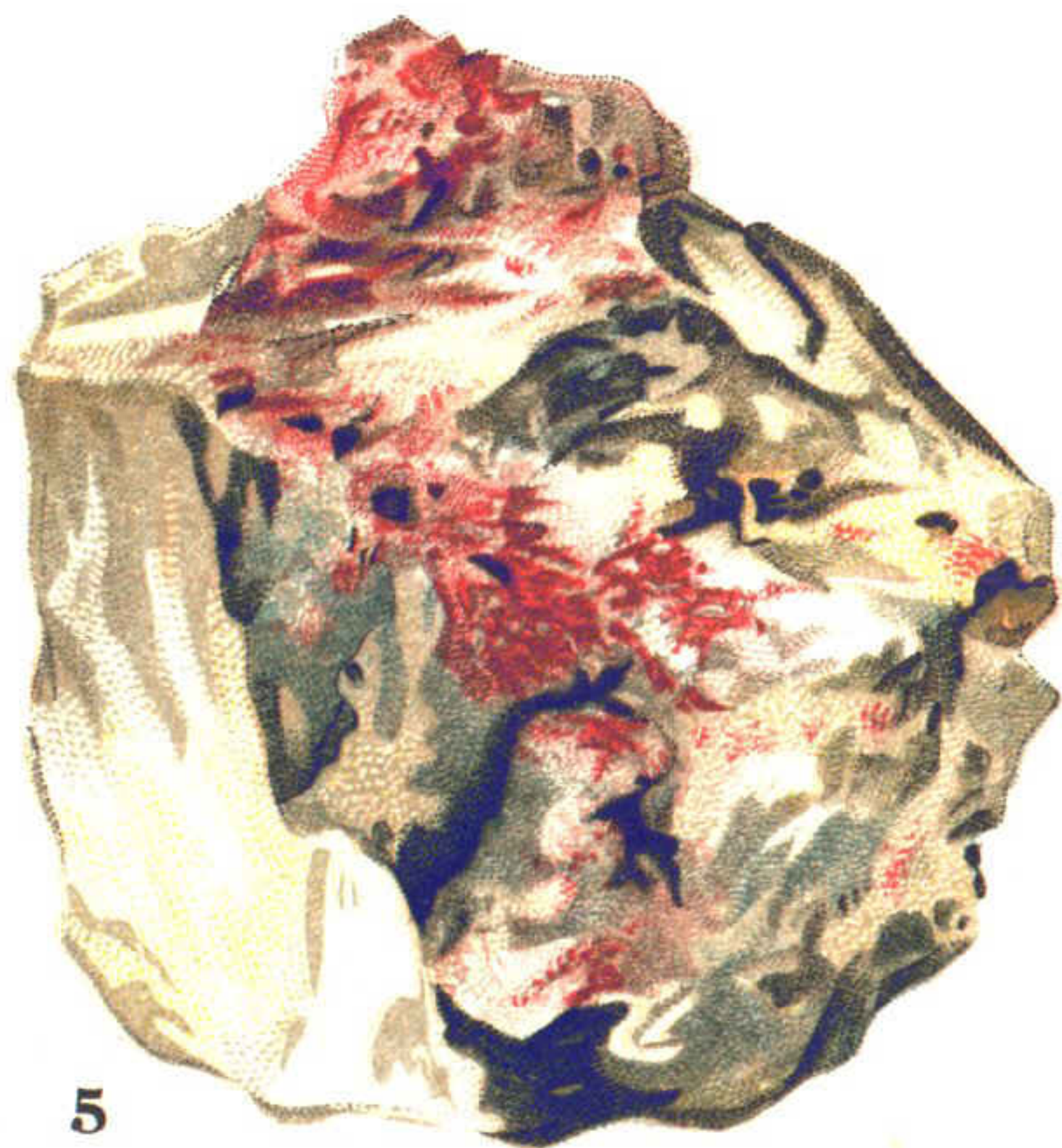
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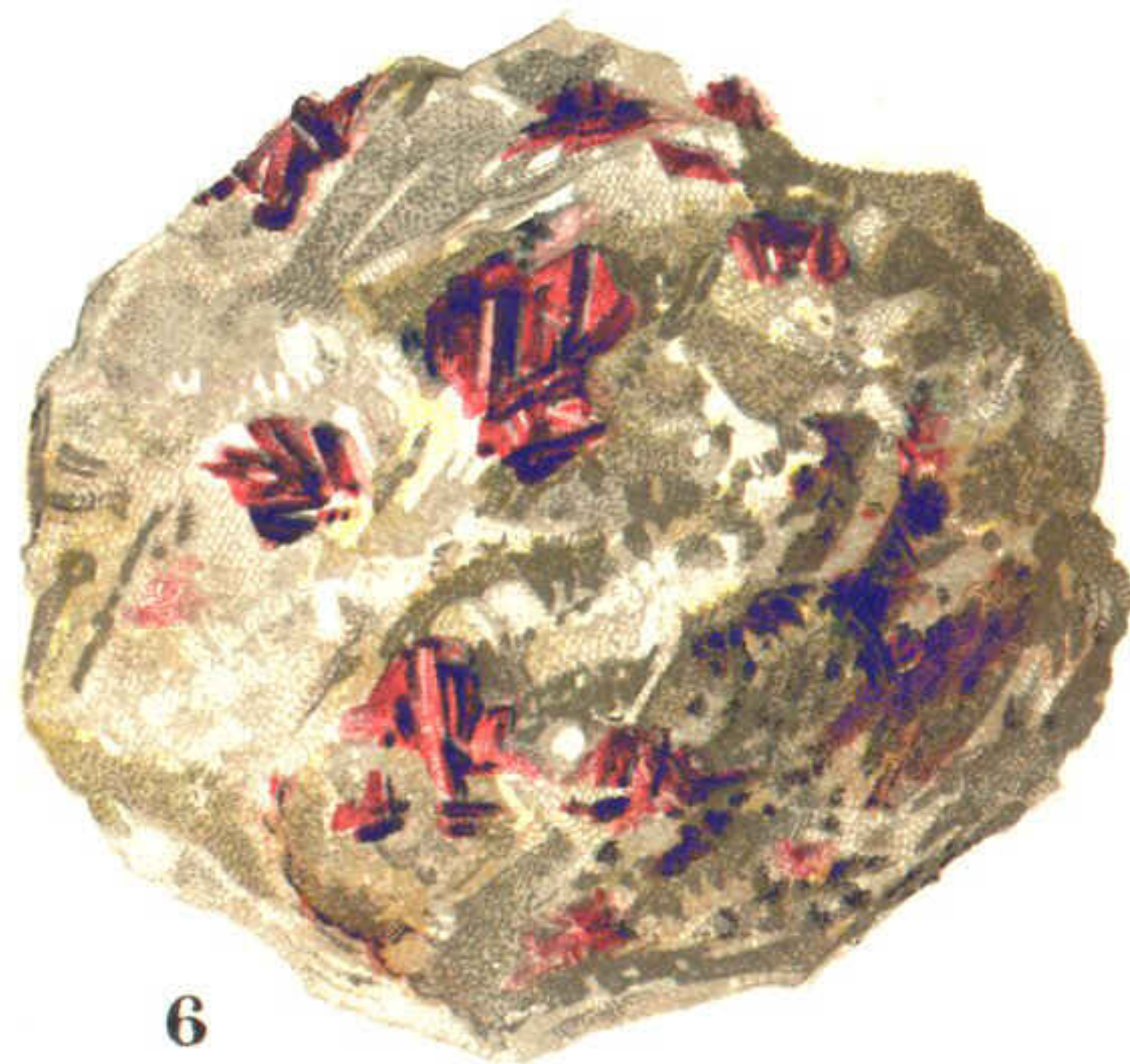
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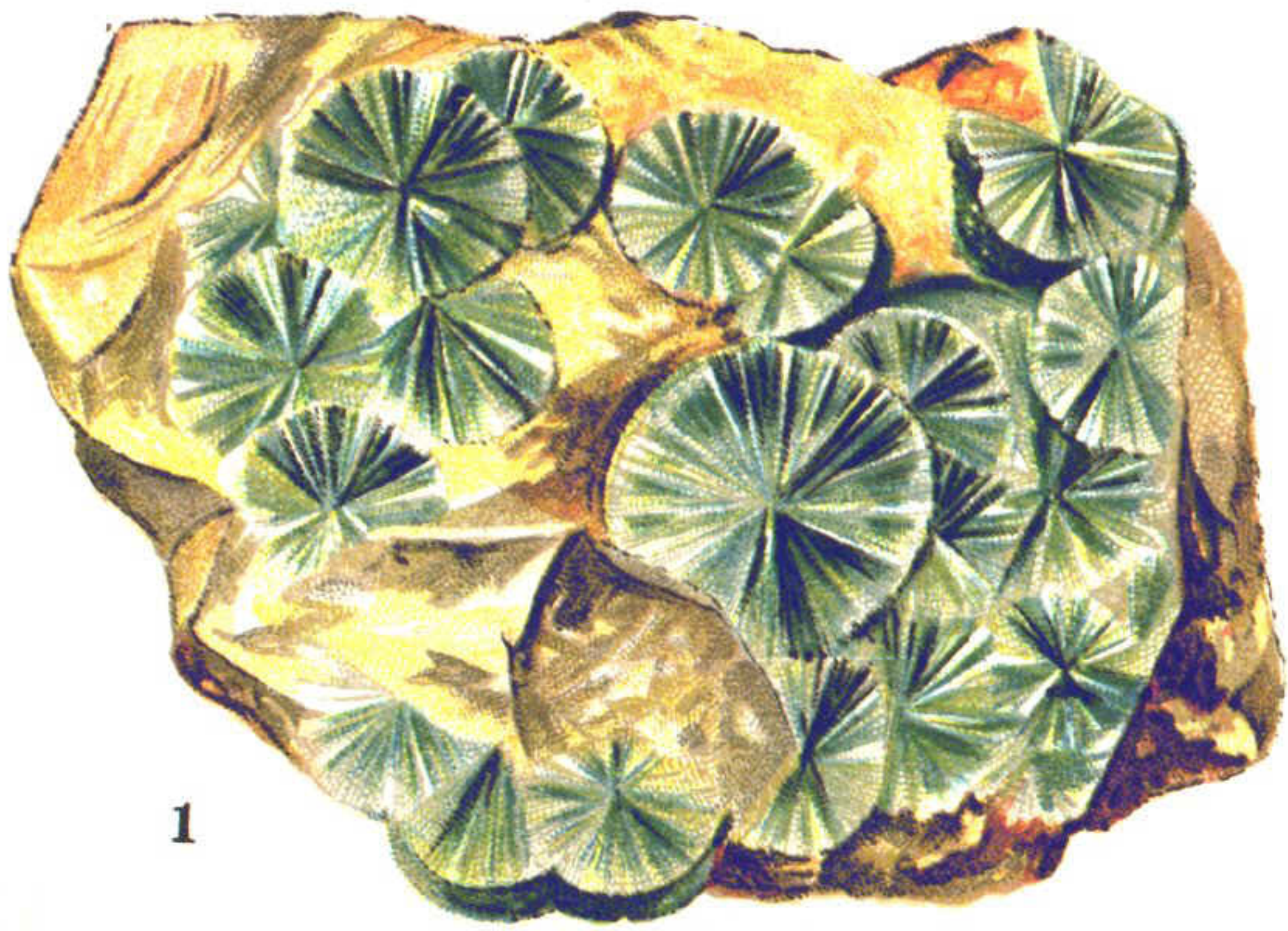


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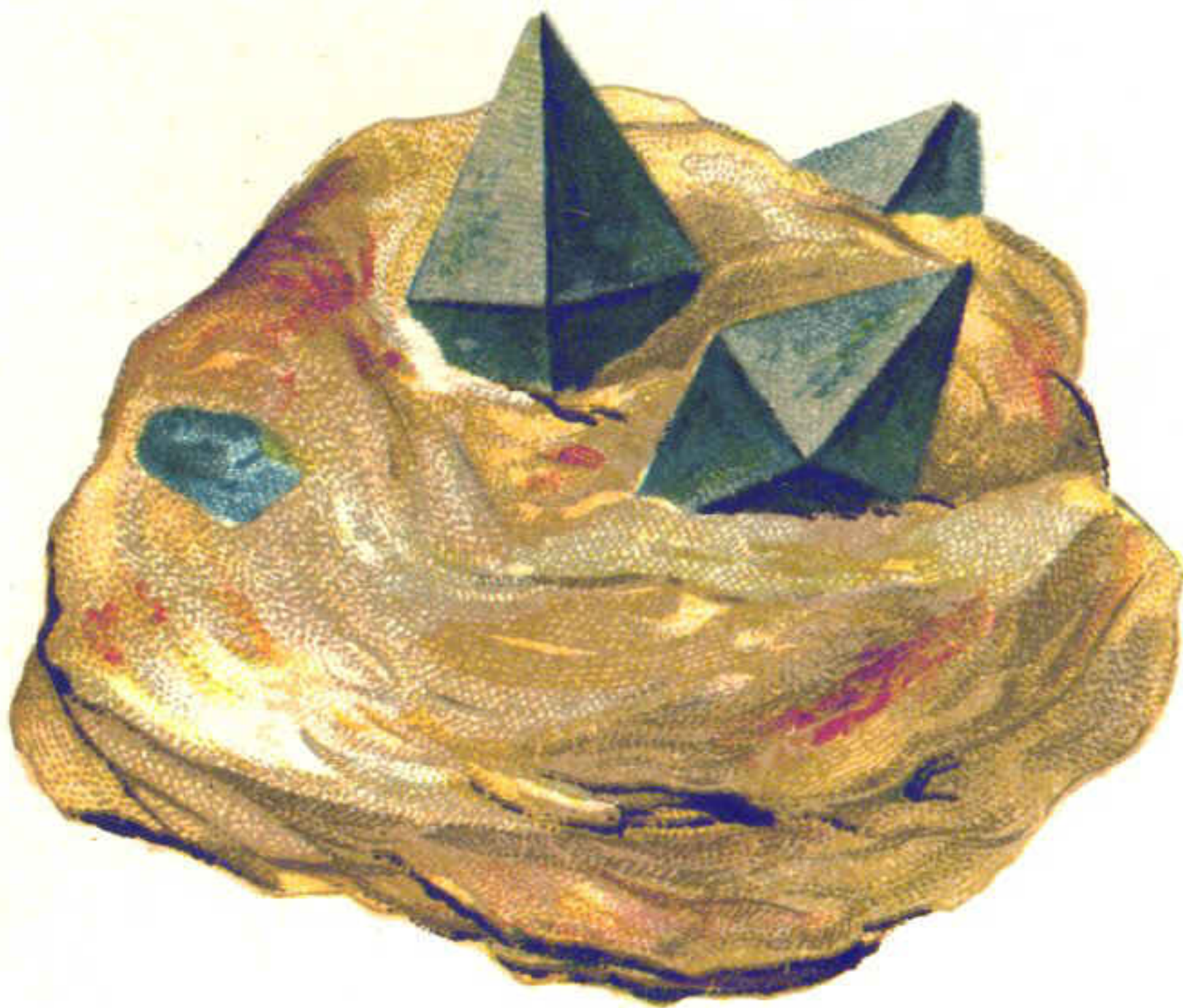


6

1, Apatite. 2, 3, Pyromorphite. 4, Vanadinite. 5, 6, Erythrite.



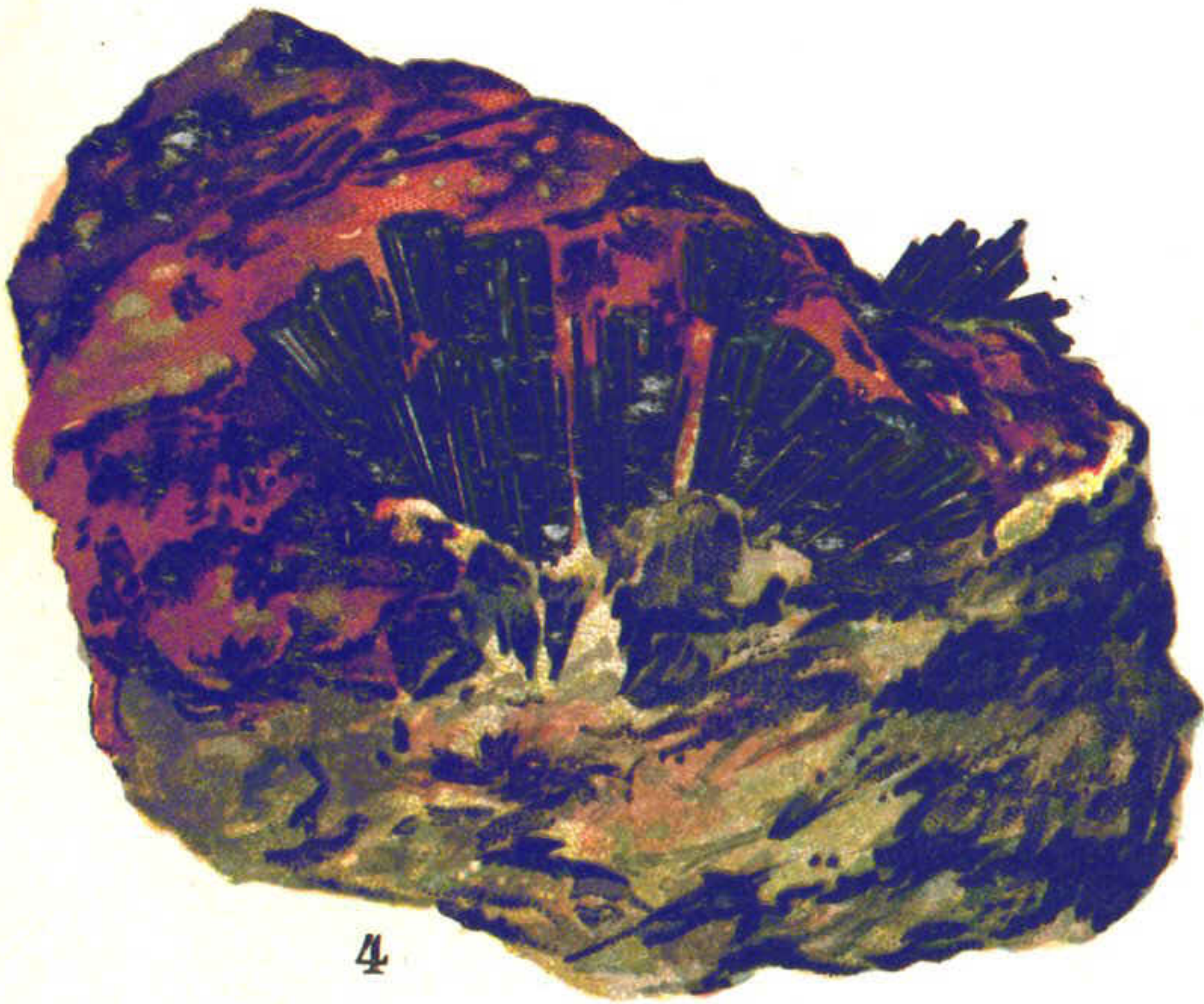
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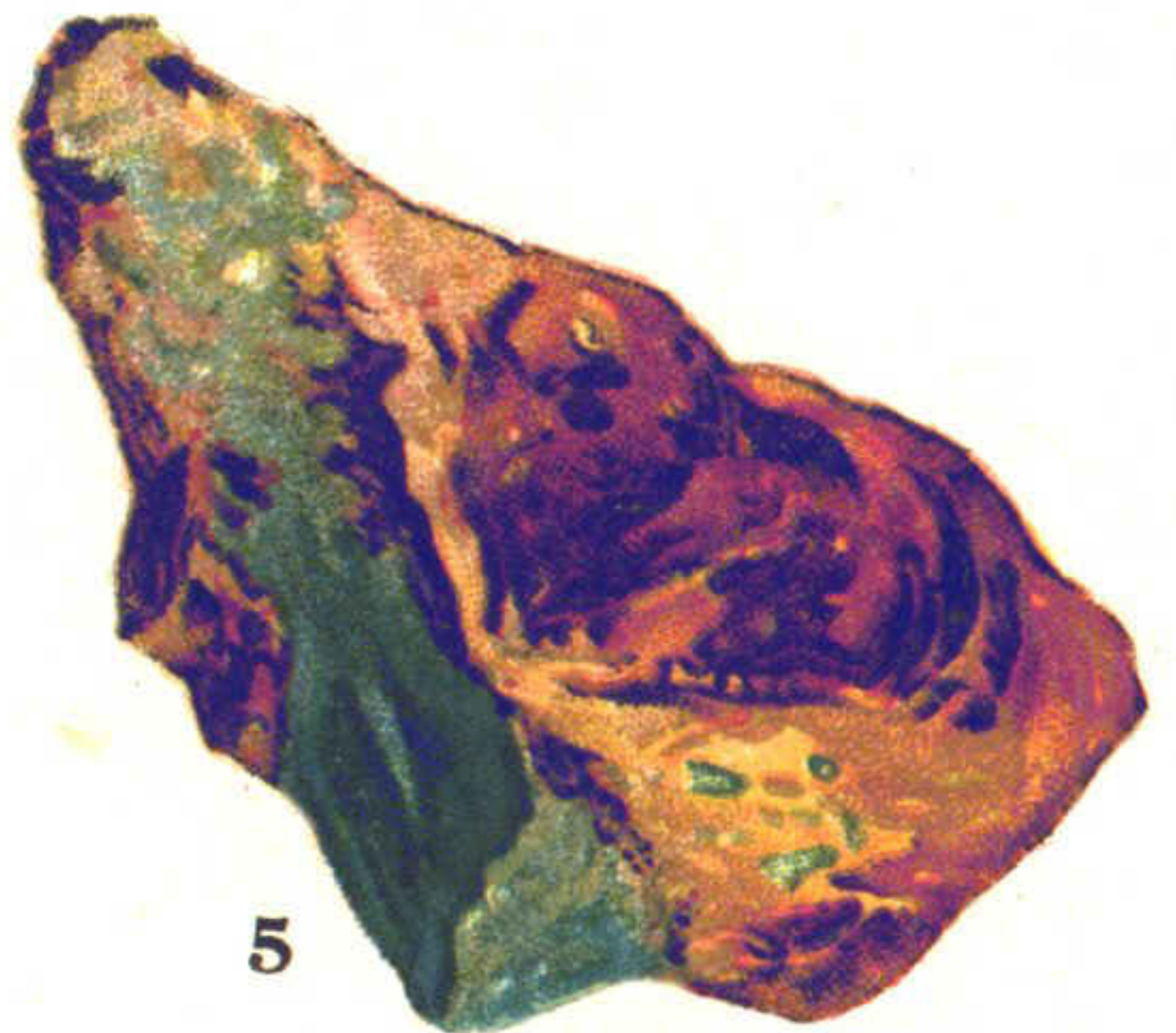
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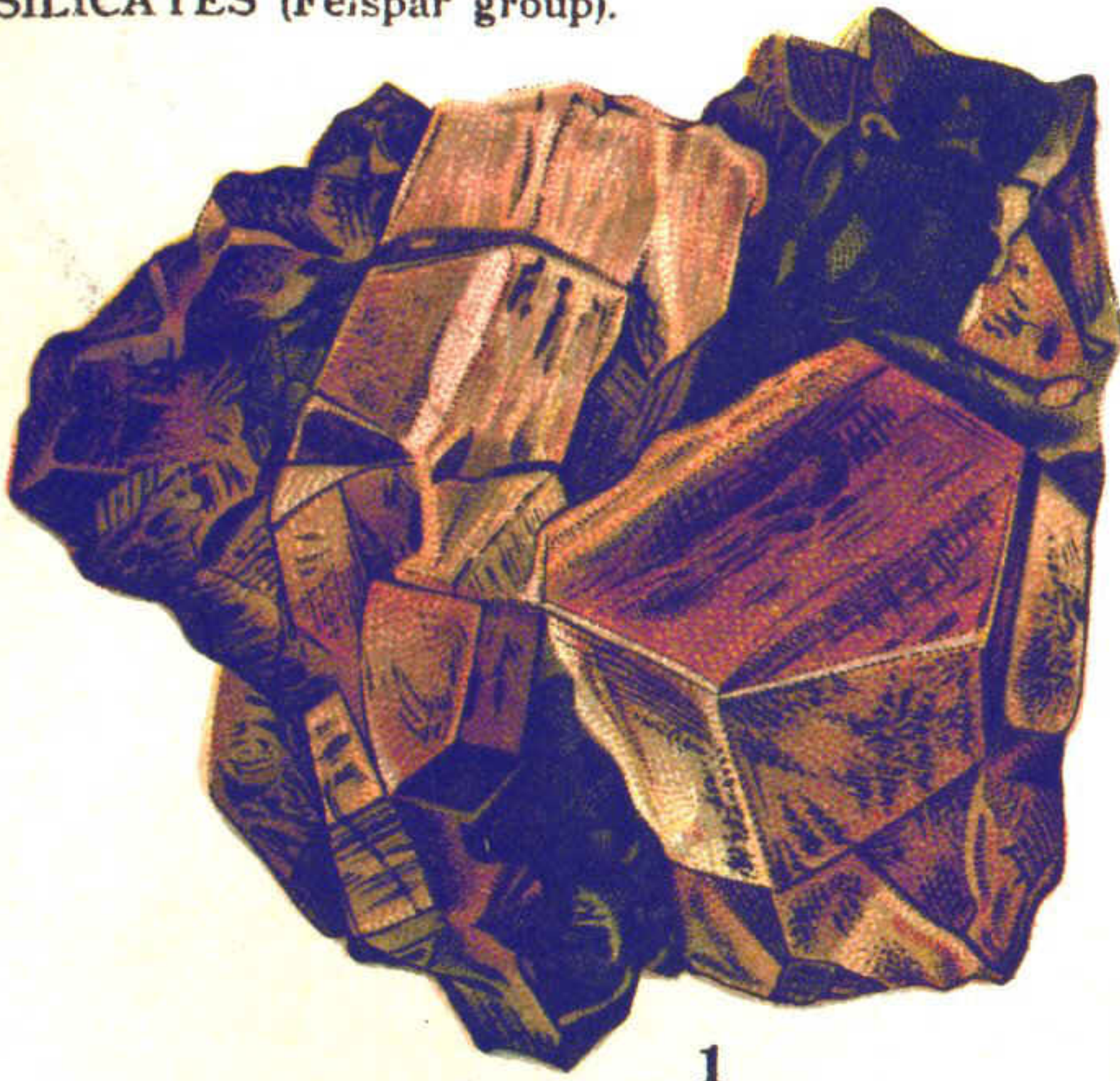


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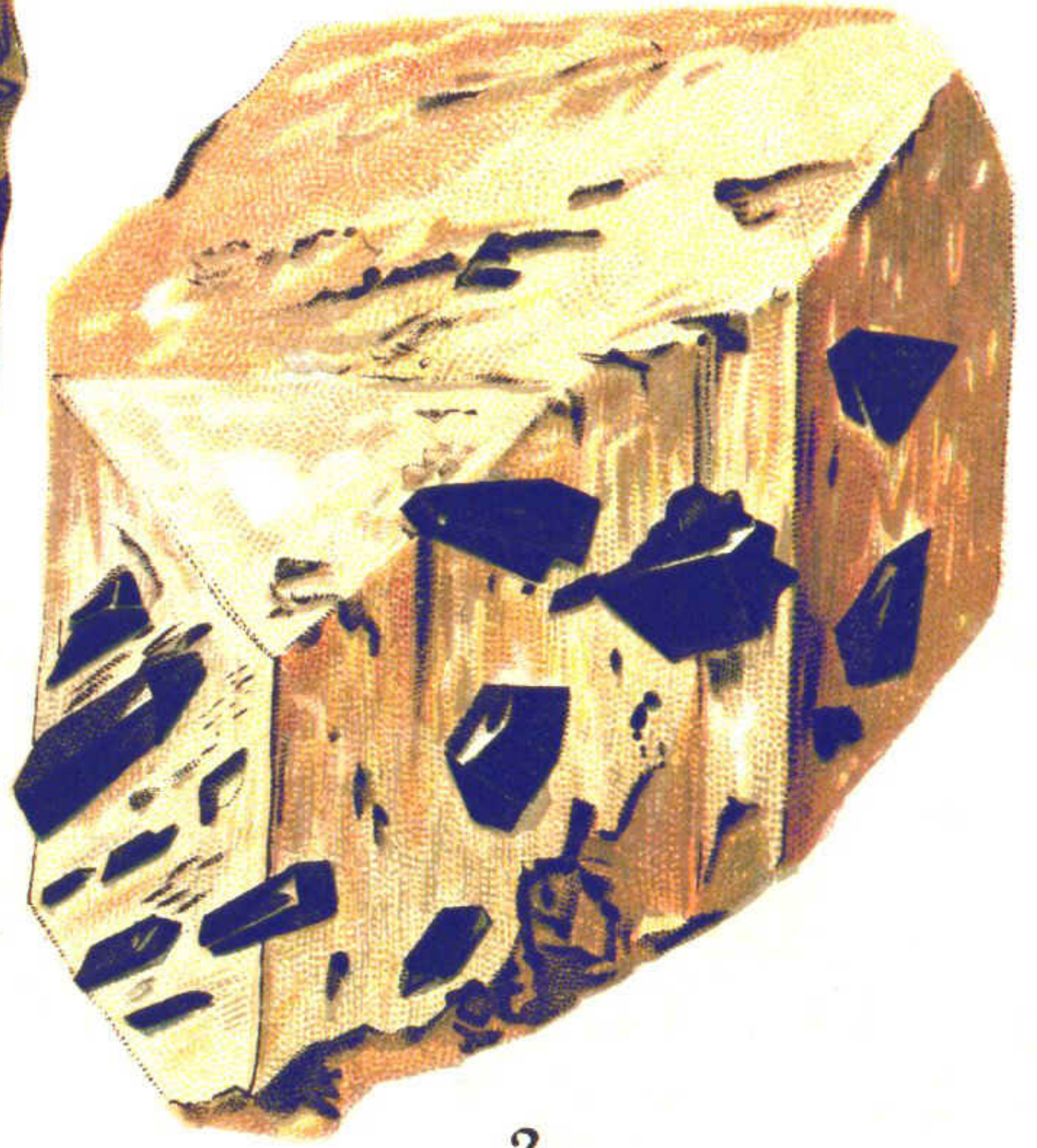


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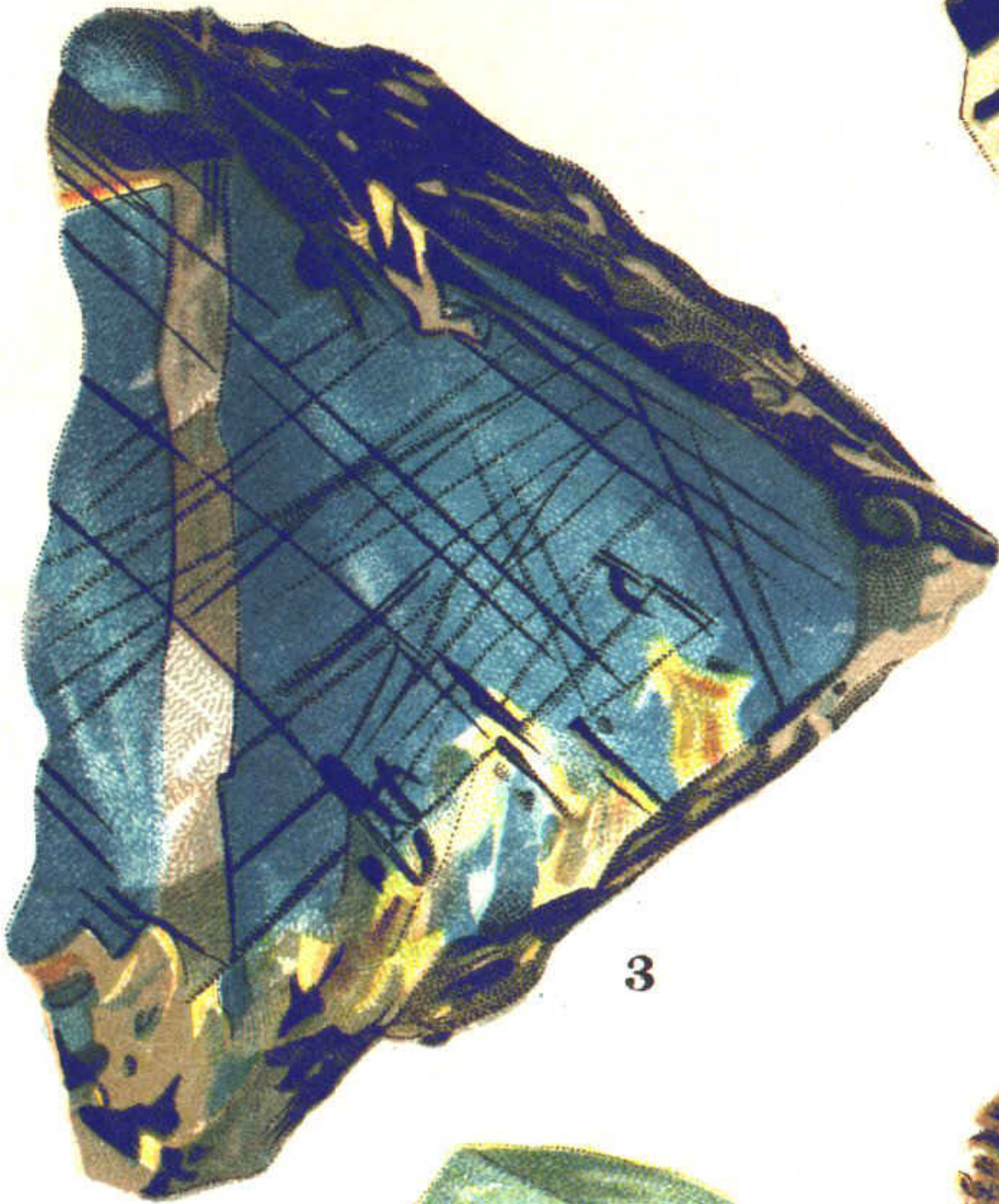
1, Wavellite. 2, Lazulite. 3, Cuprouranite. 4, Vivianite. 5, Turquoise.



1



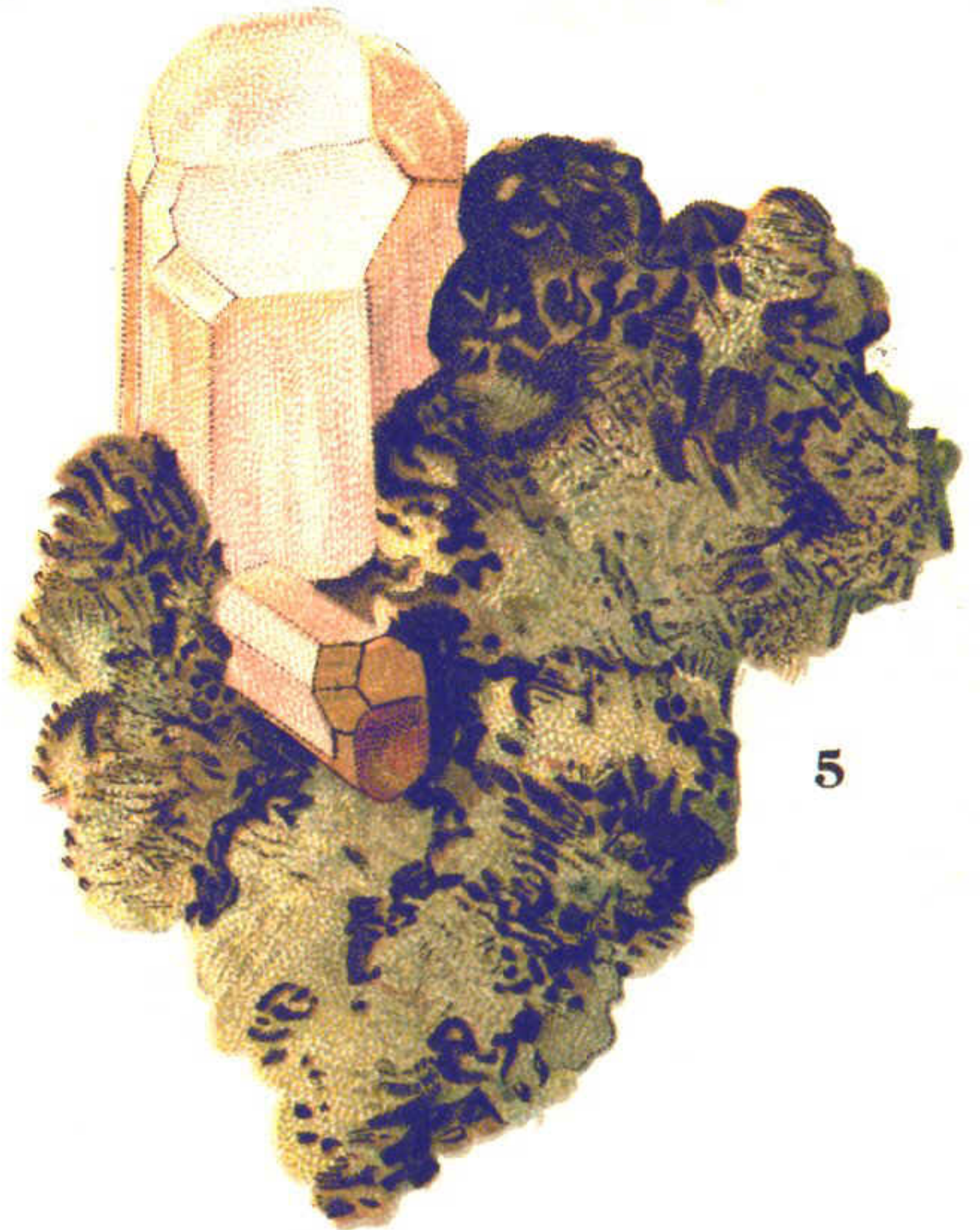
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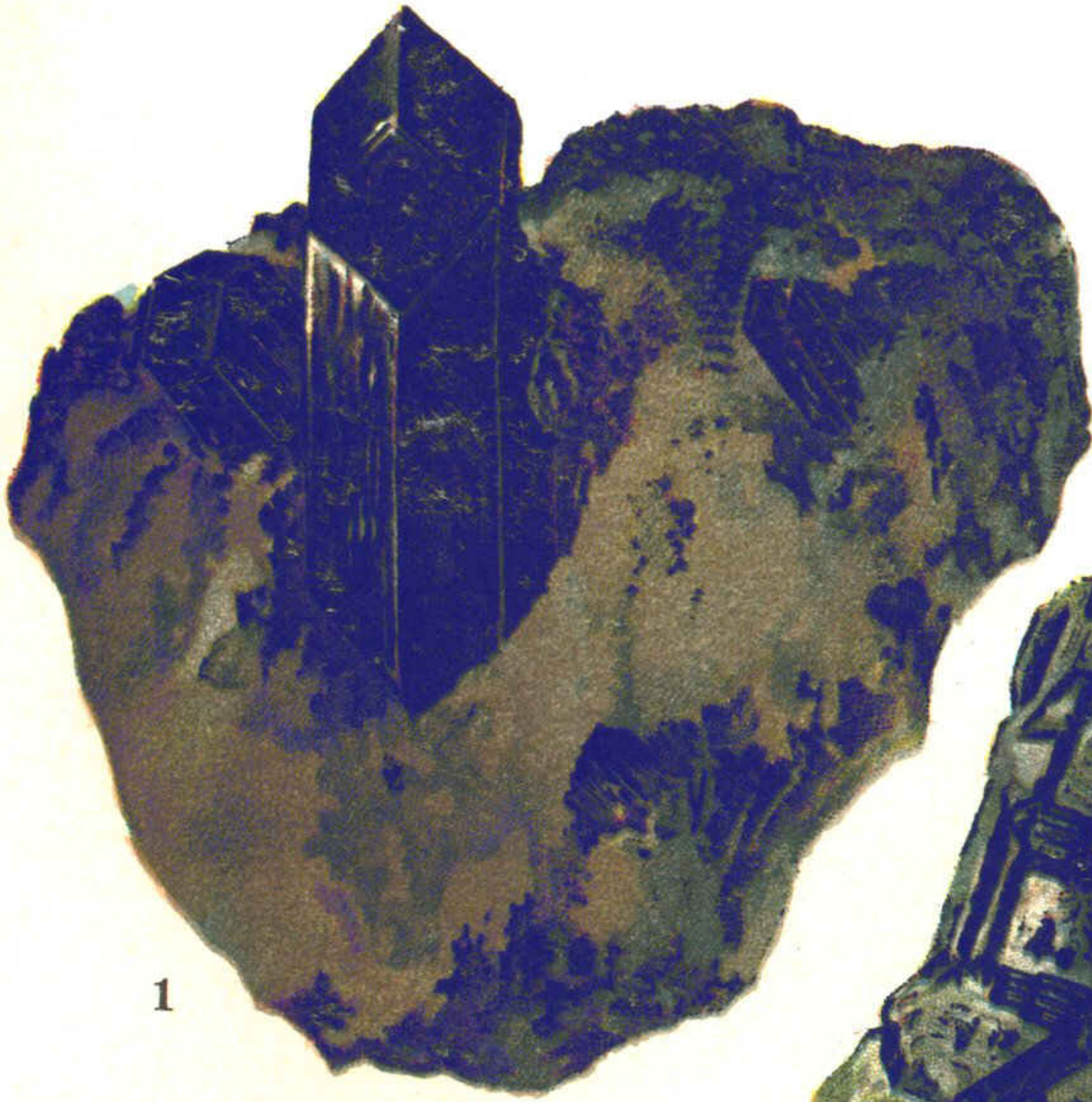


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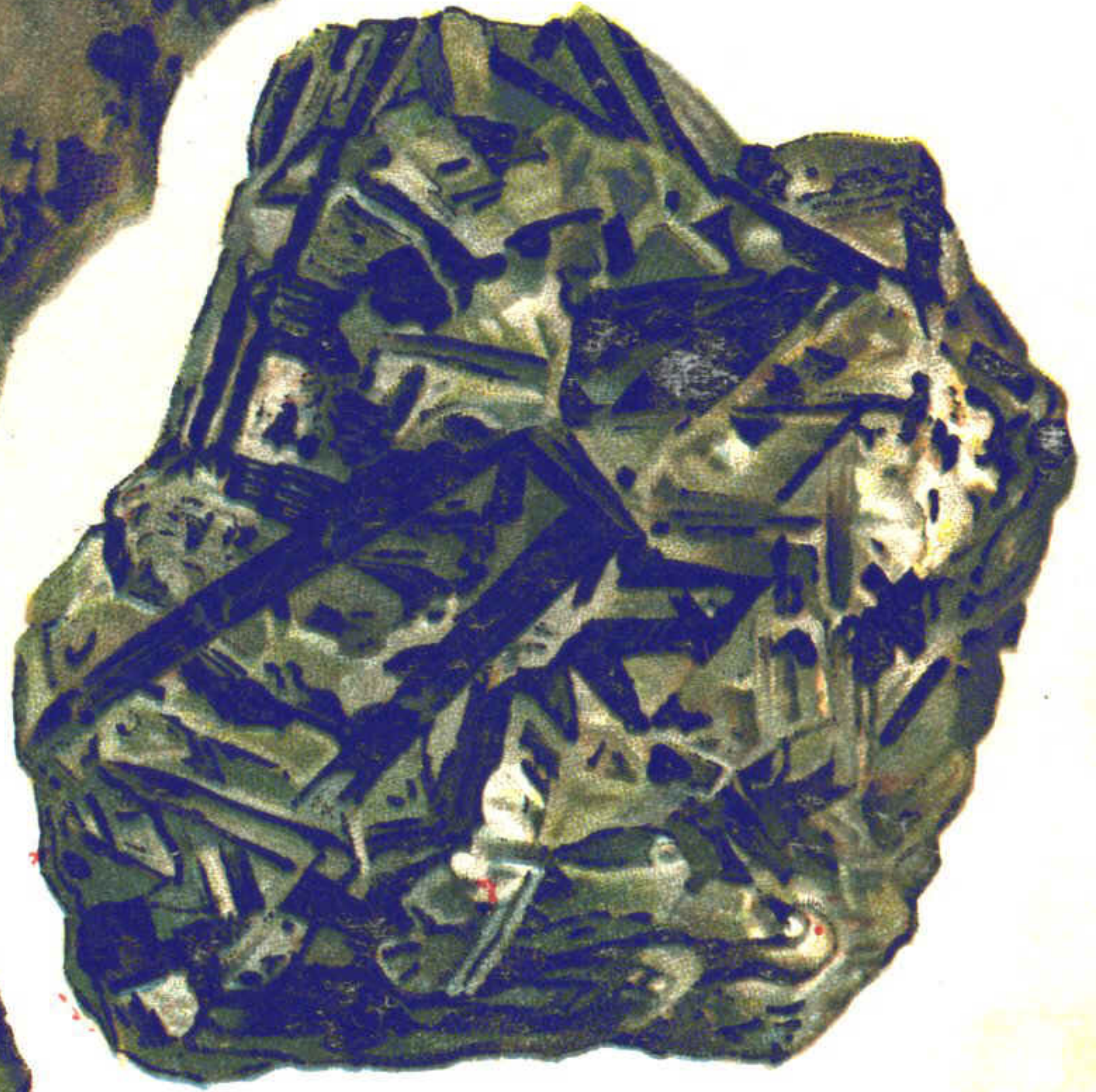


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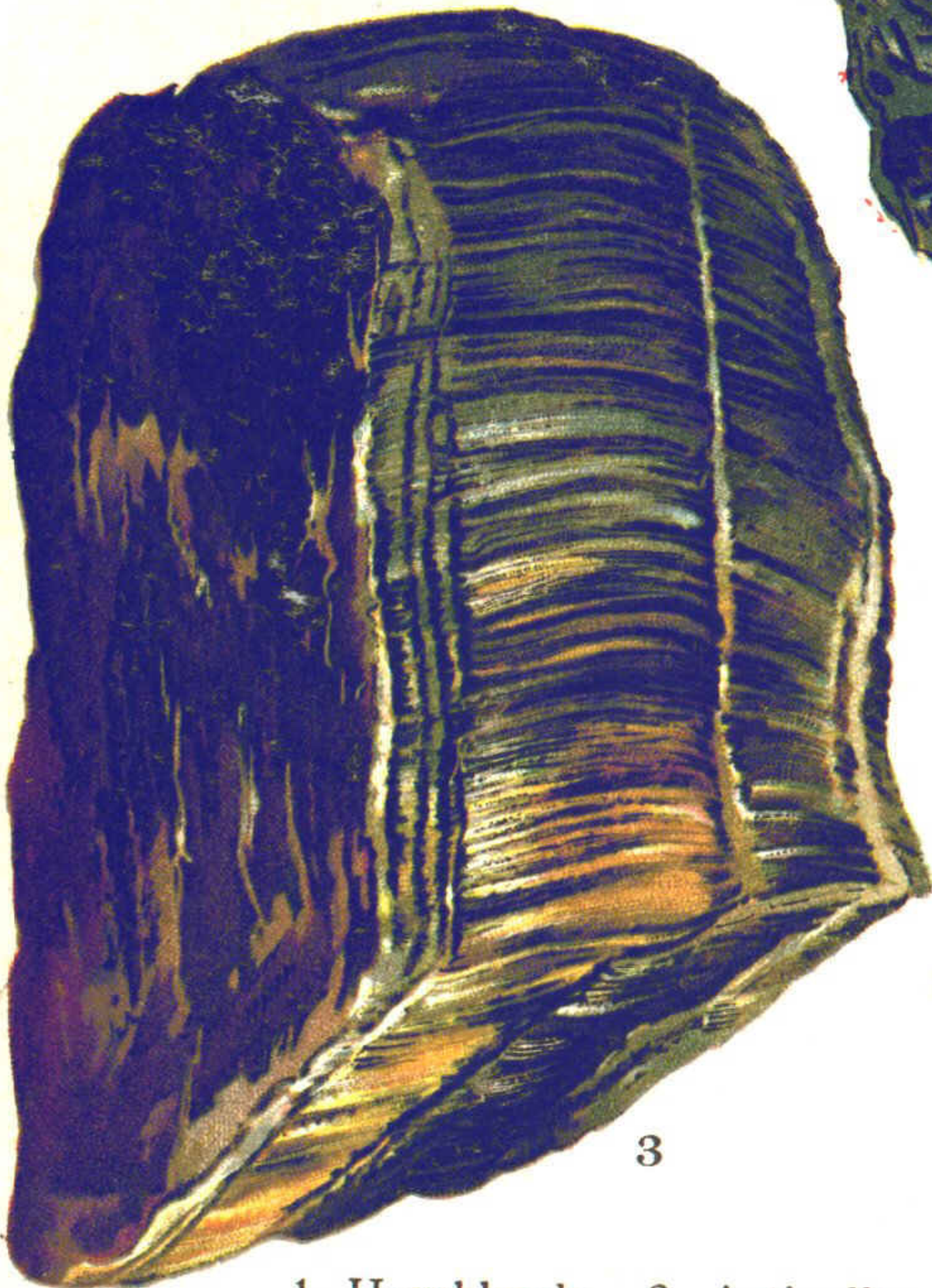
1, 2, Orthoclase. 3, Labradorite. 4, Microcline. 5, Anorthite.



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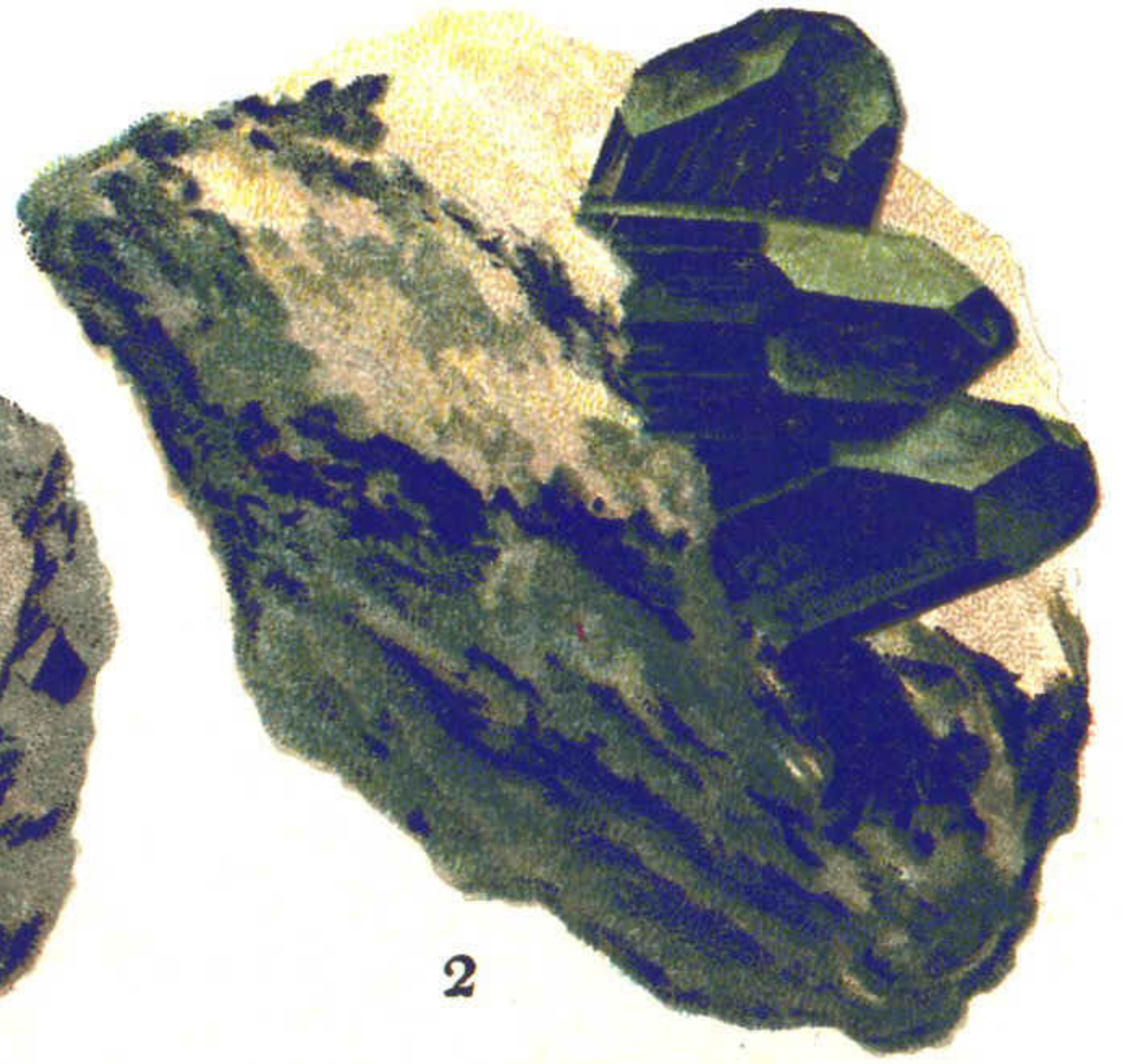


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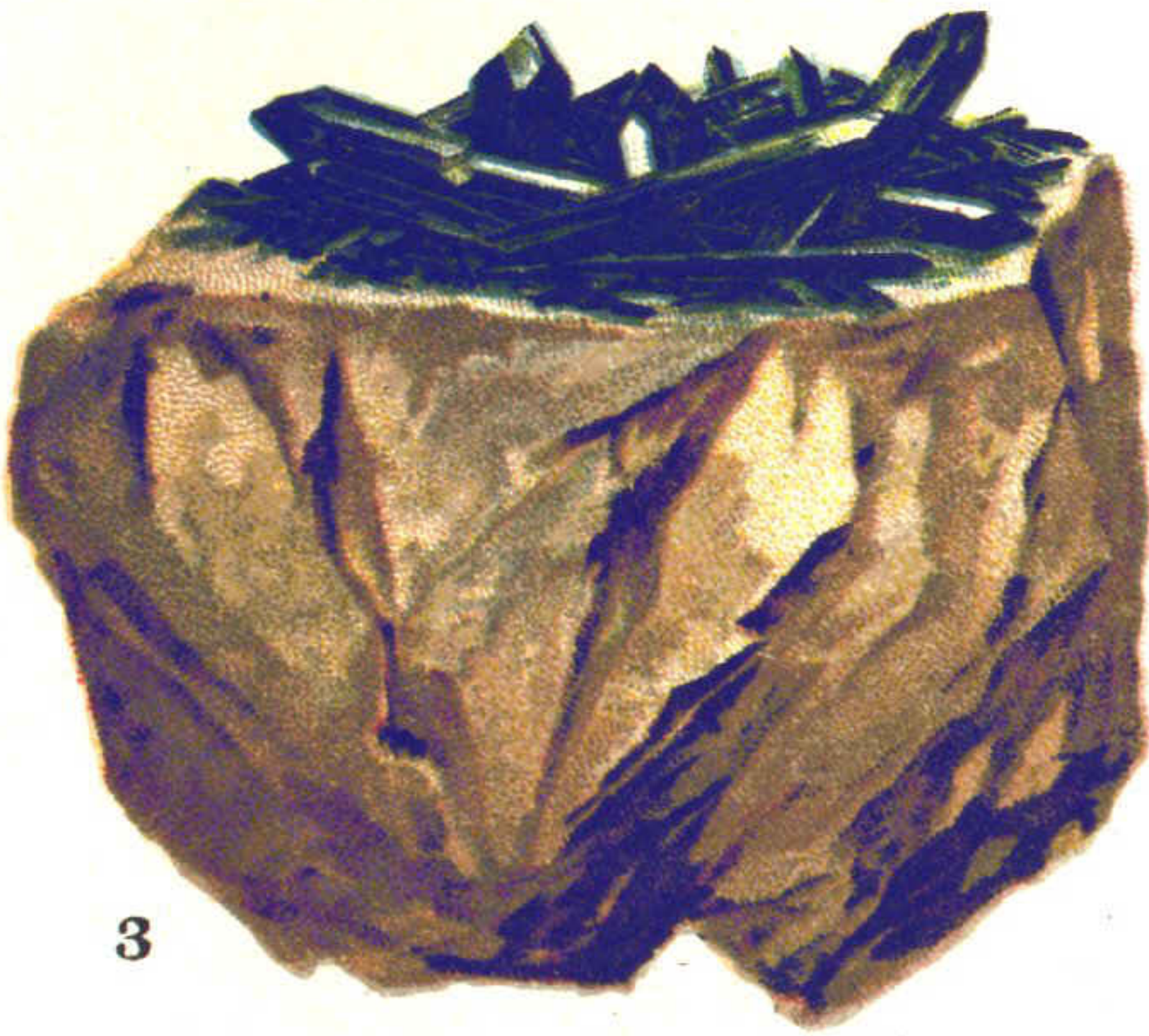
1, Hornblende. 2, Actinolite. 3, Crocidolite. 4, Nephrite.



1



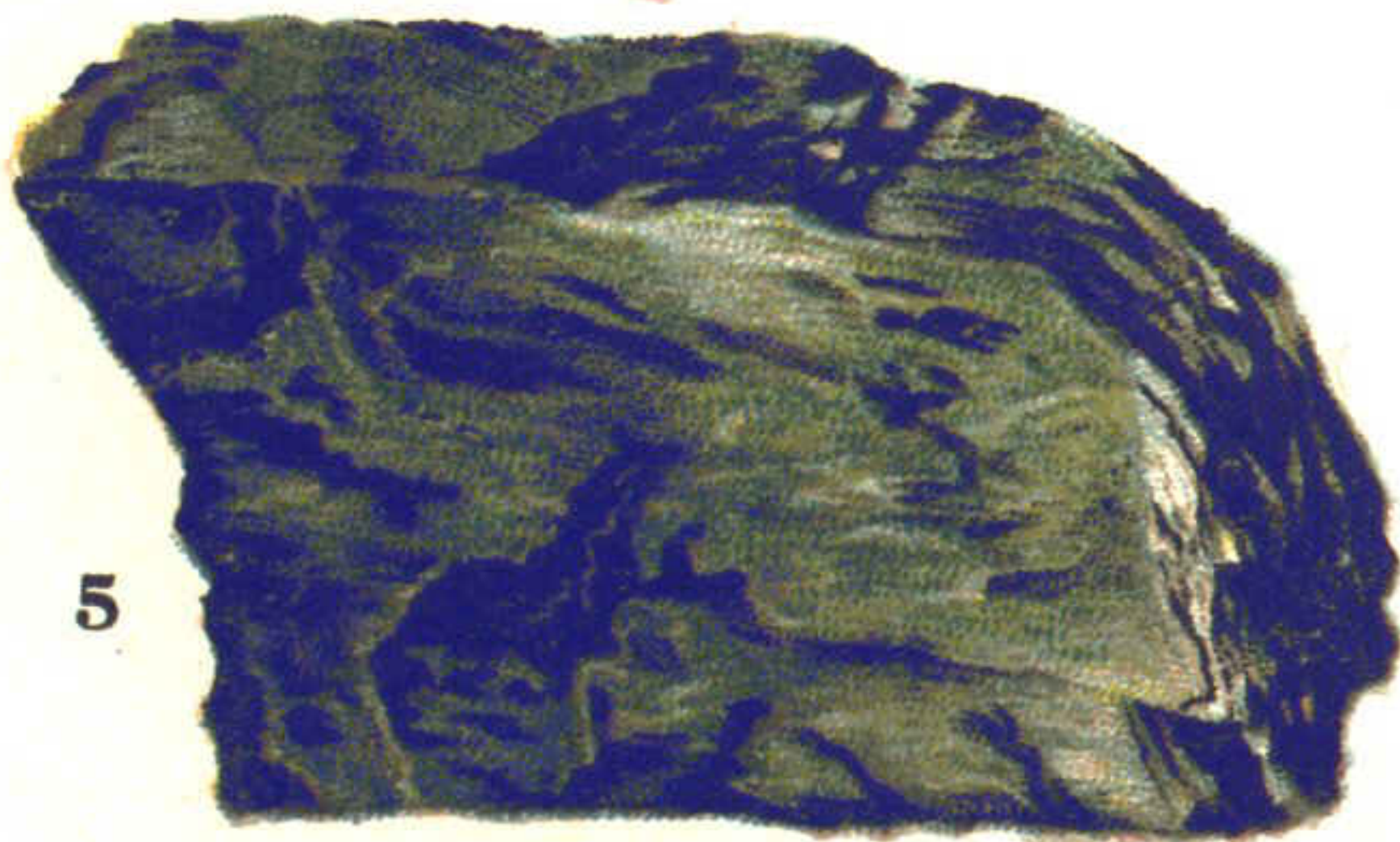
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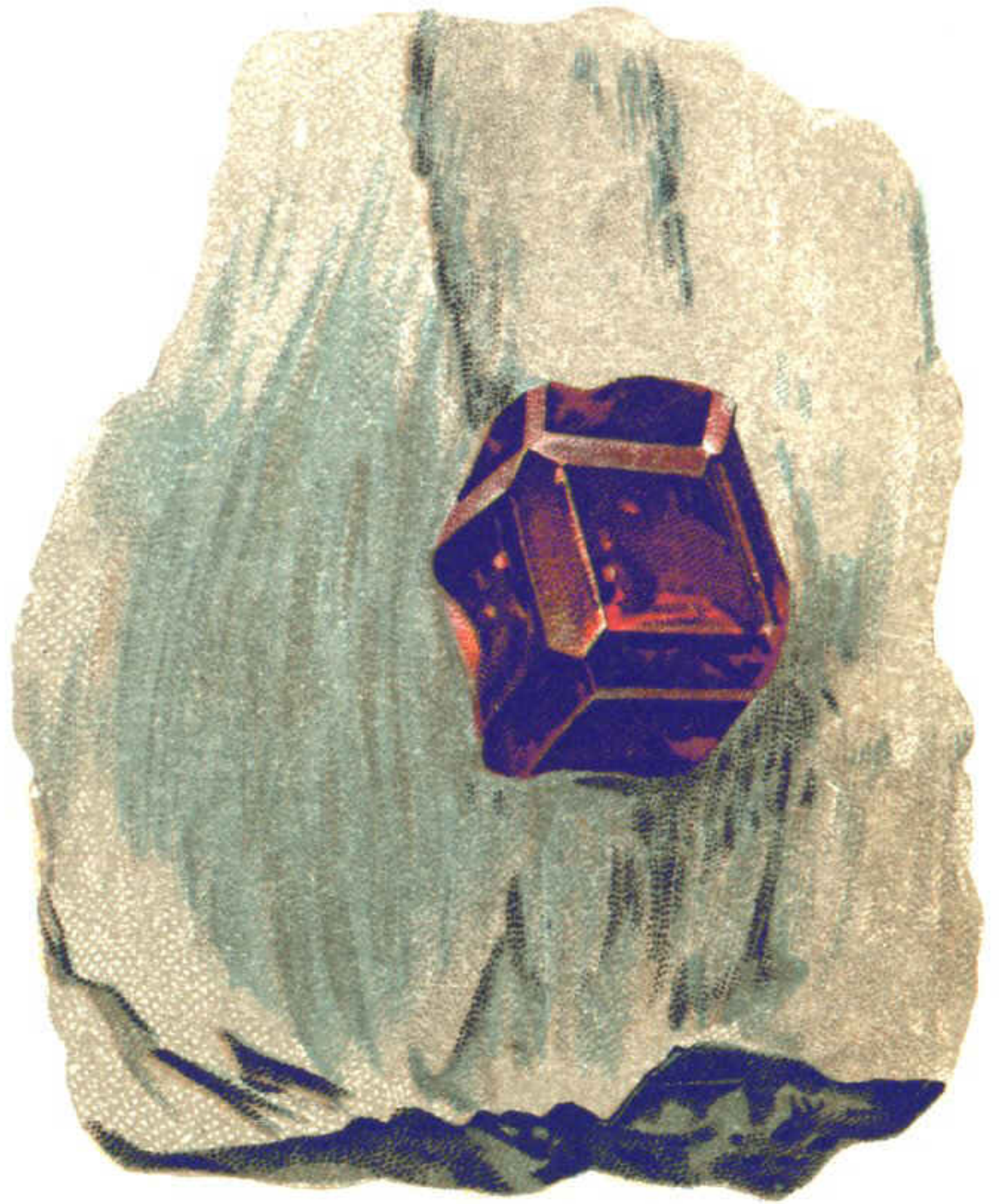
1, Augite. 2, 3, Diopside. 4, Bronzite. 5, Hypersthene. 6, Wollastonite.



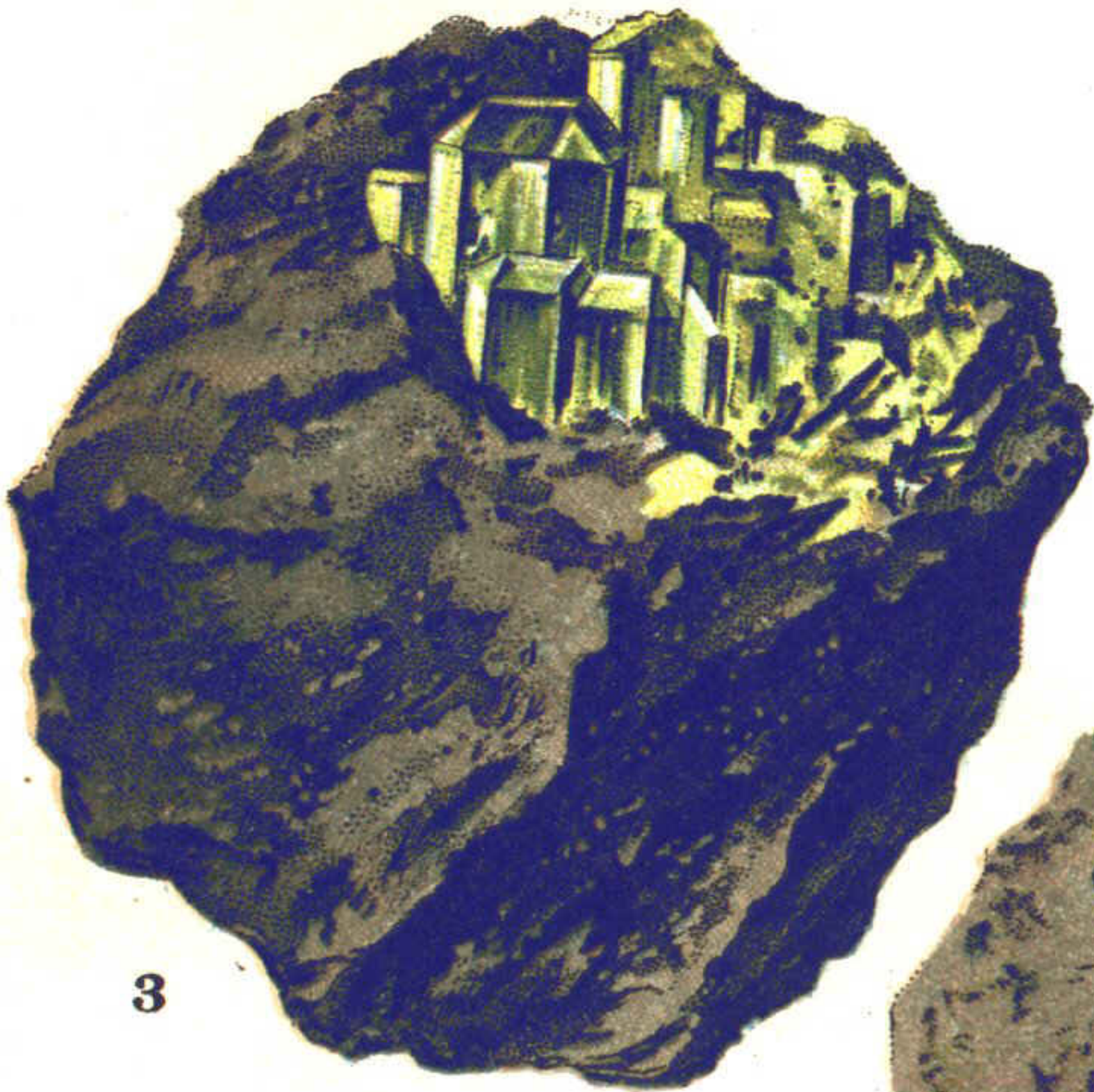
1, Sodalite. 2, Lapis-lazuli. 3, Leucite. 4, Beryl.



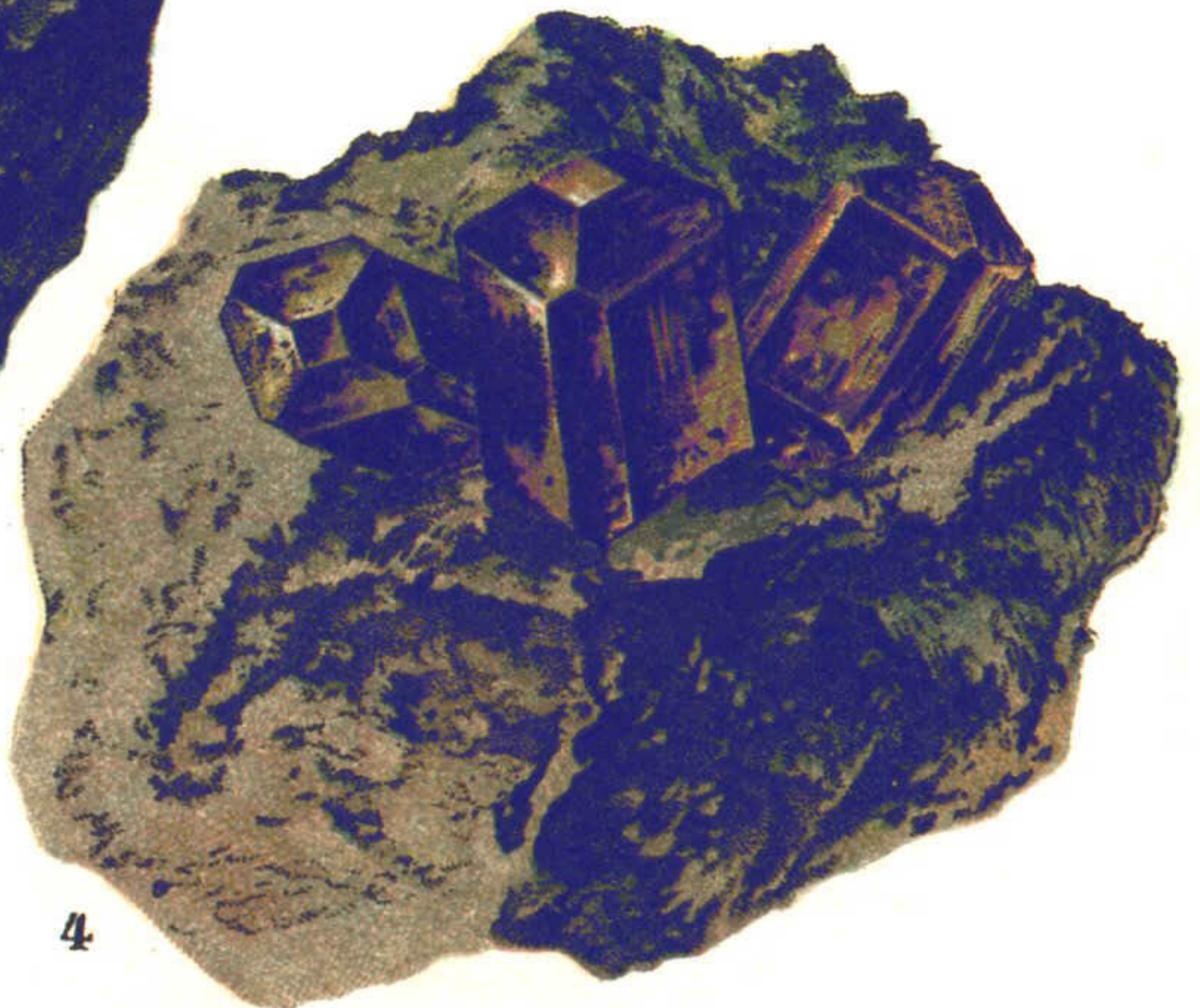
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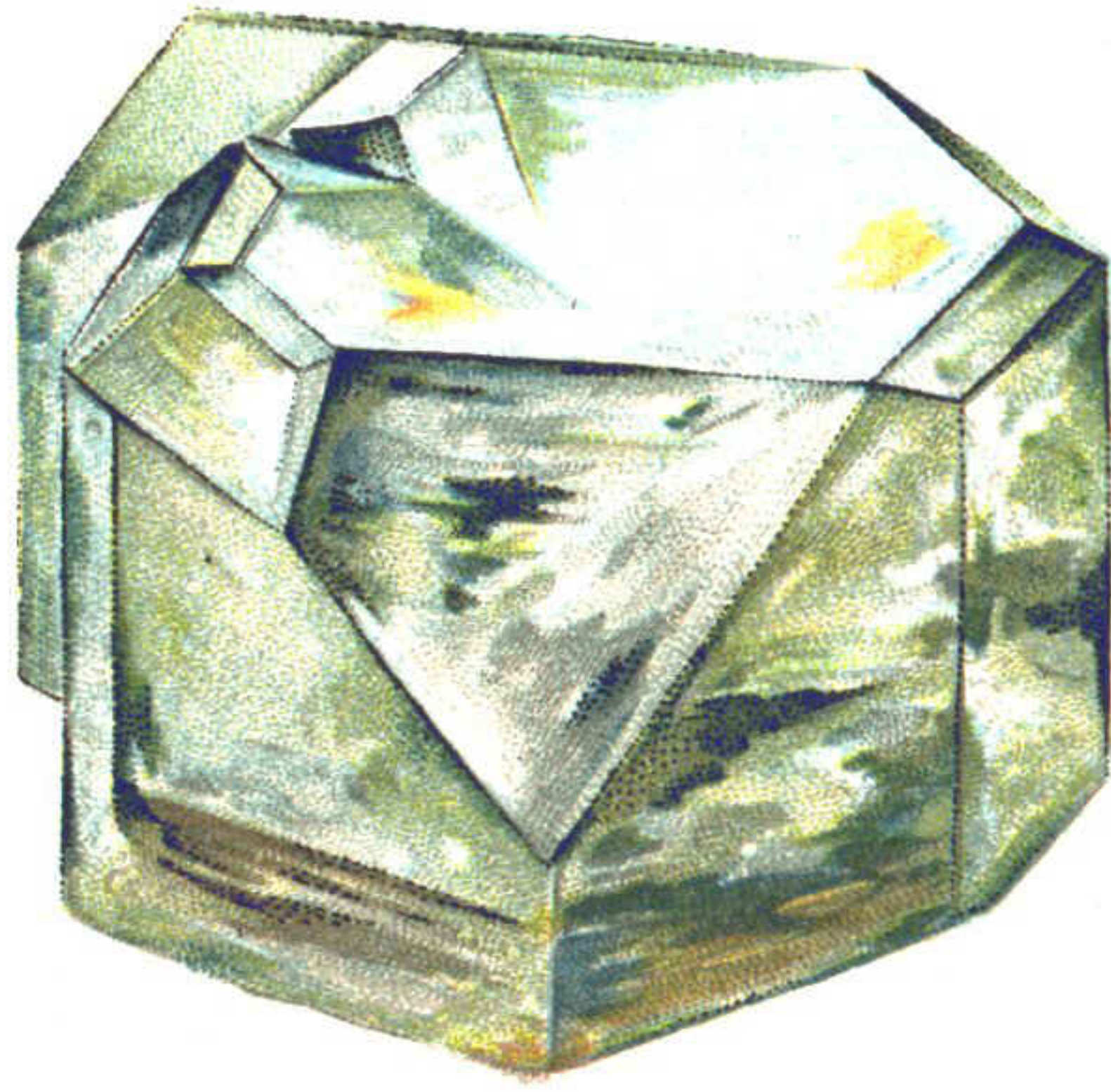


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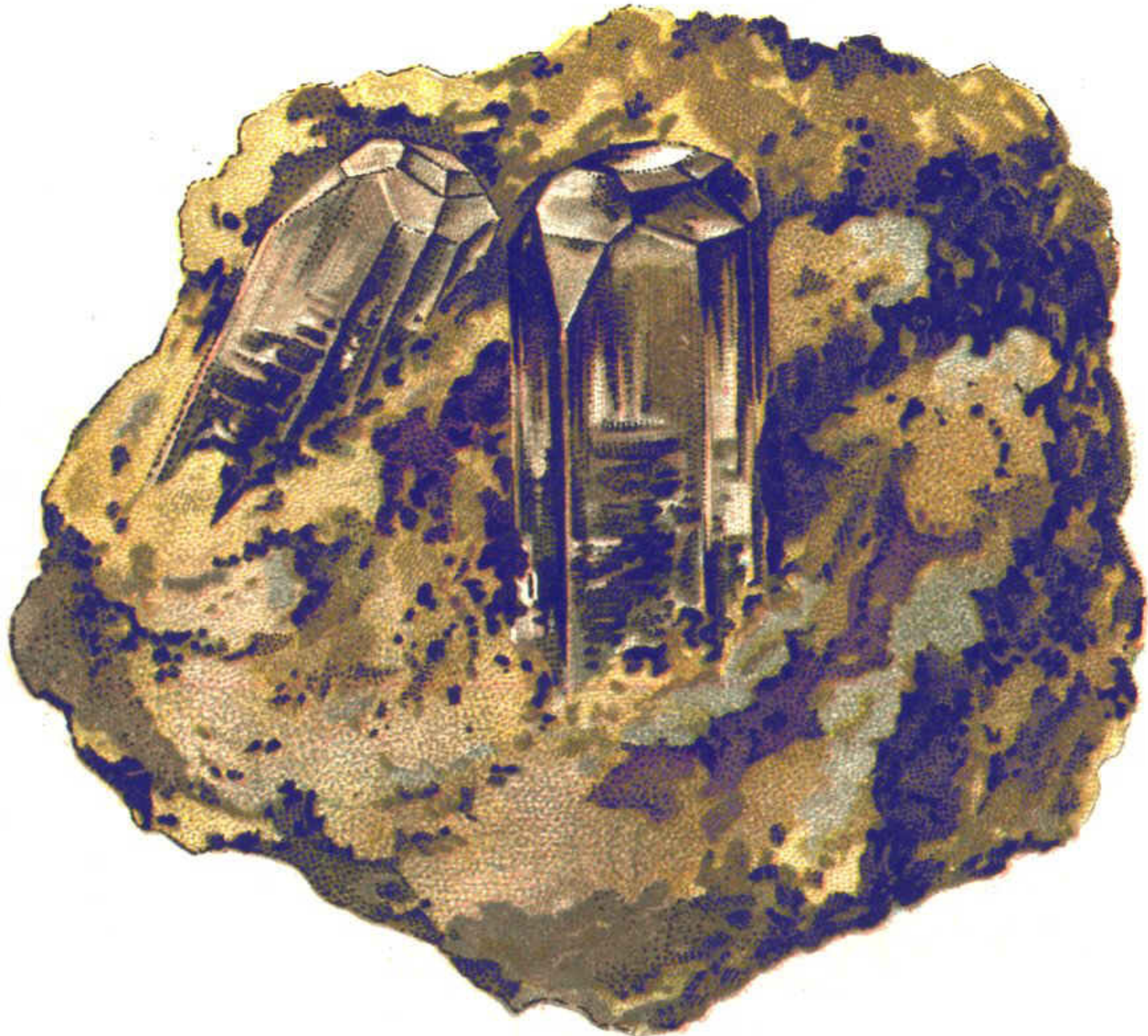


4

1, 2, Garnet. 3, Olivine. 4, Idocrase.

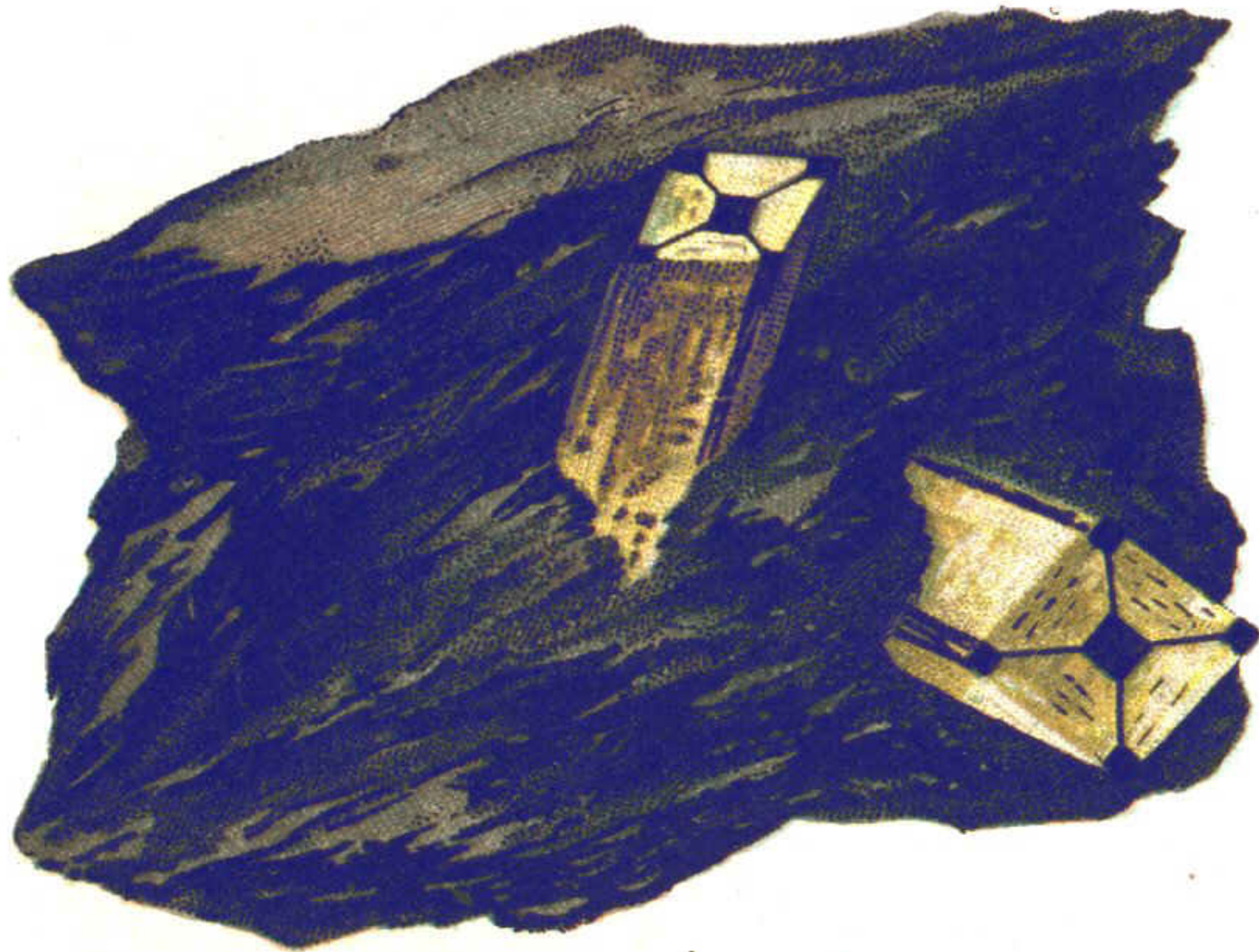


1



2

1, 2, Topaz.



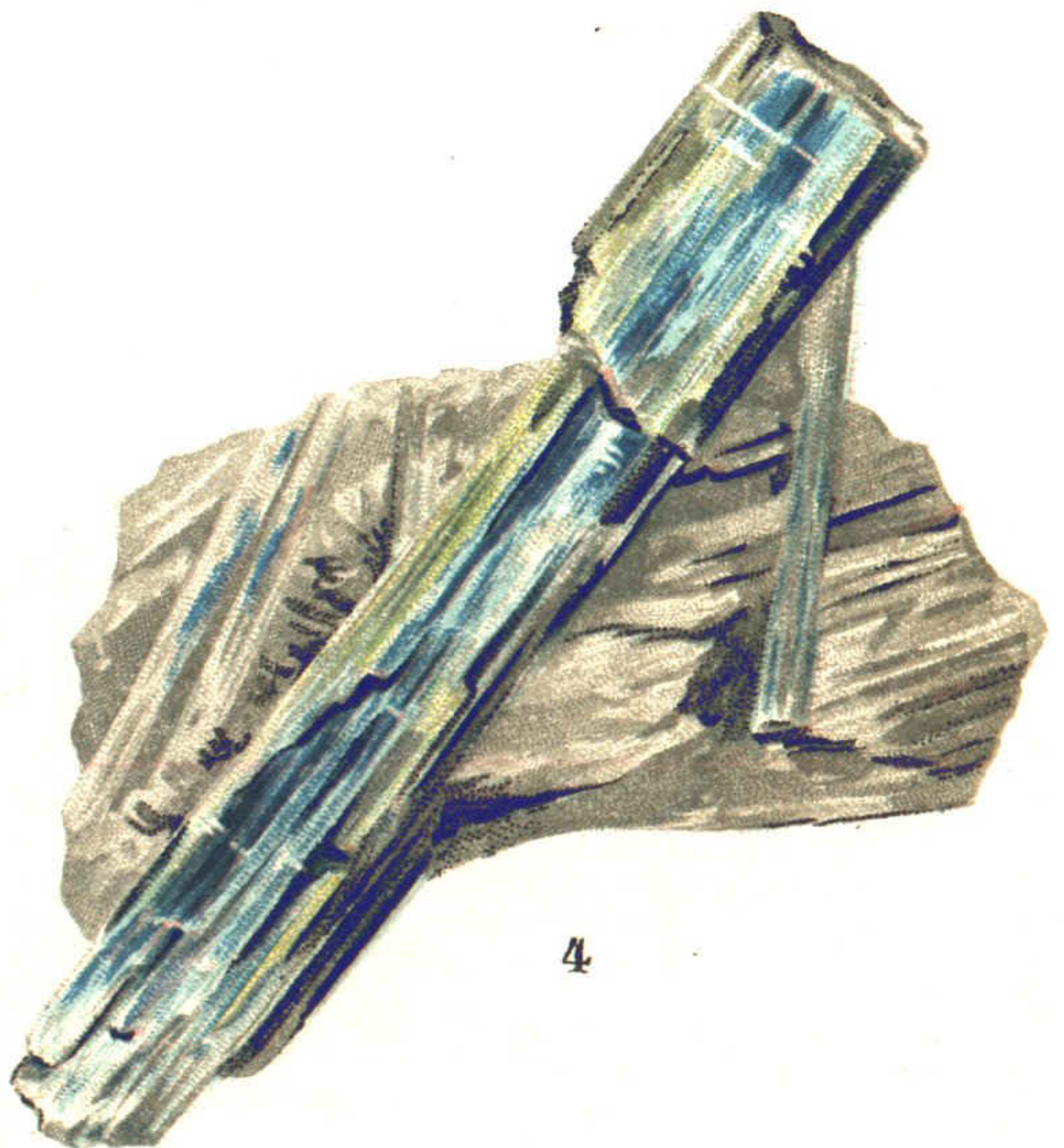
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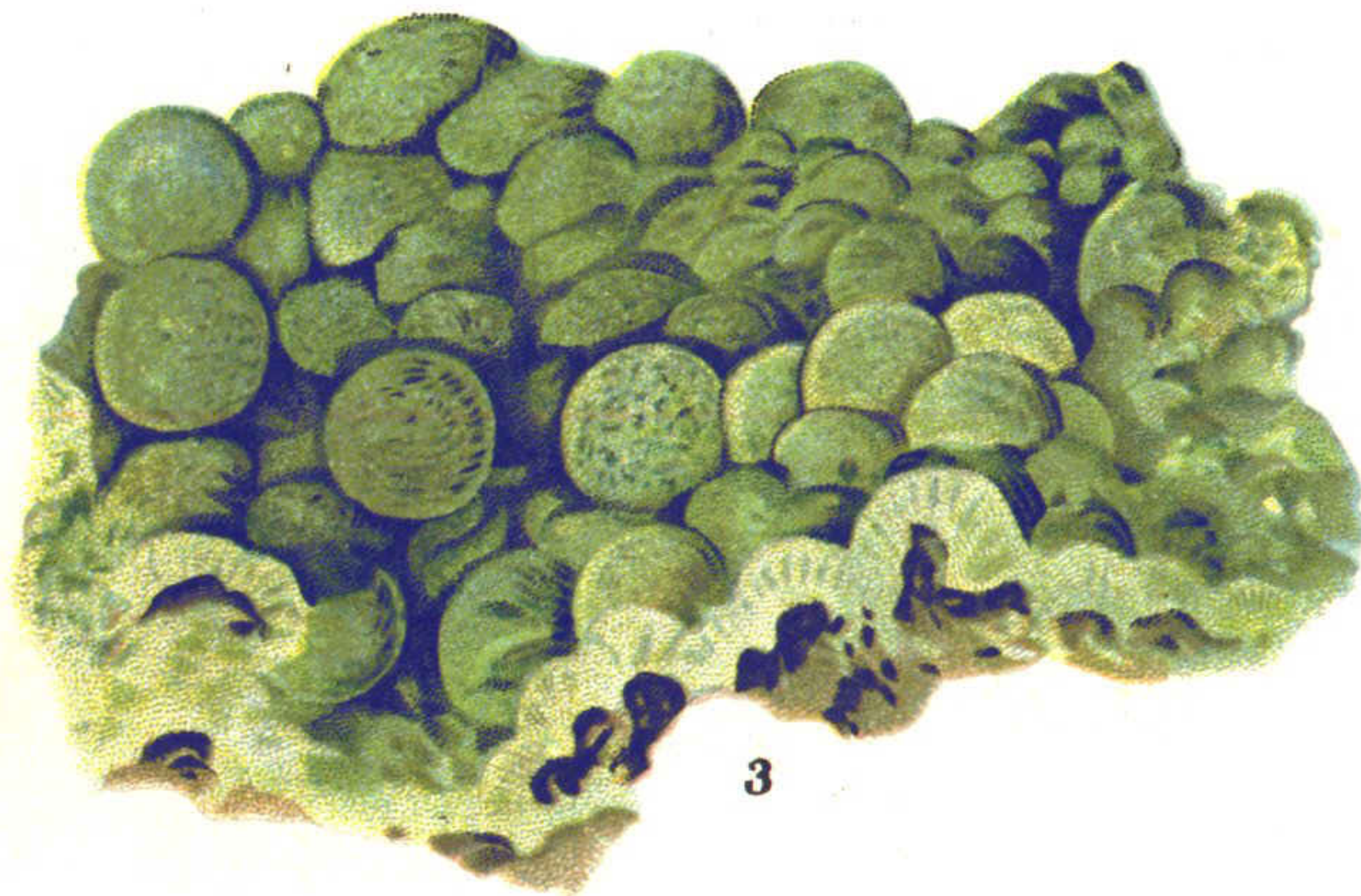
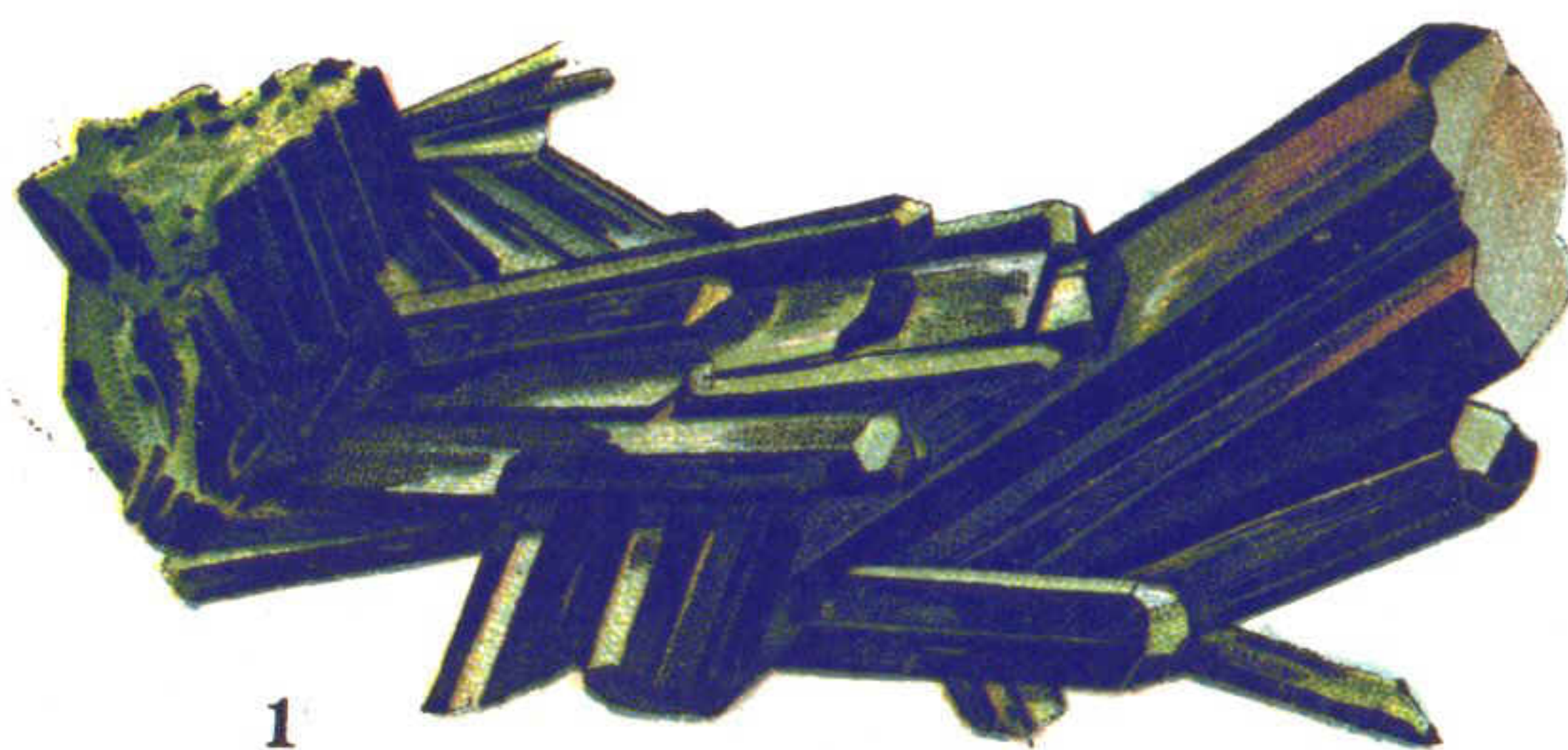


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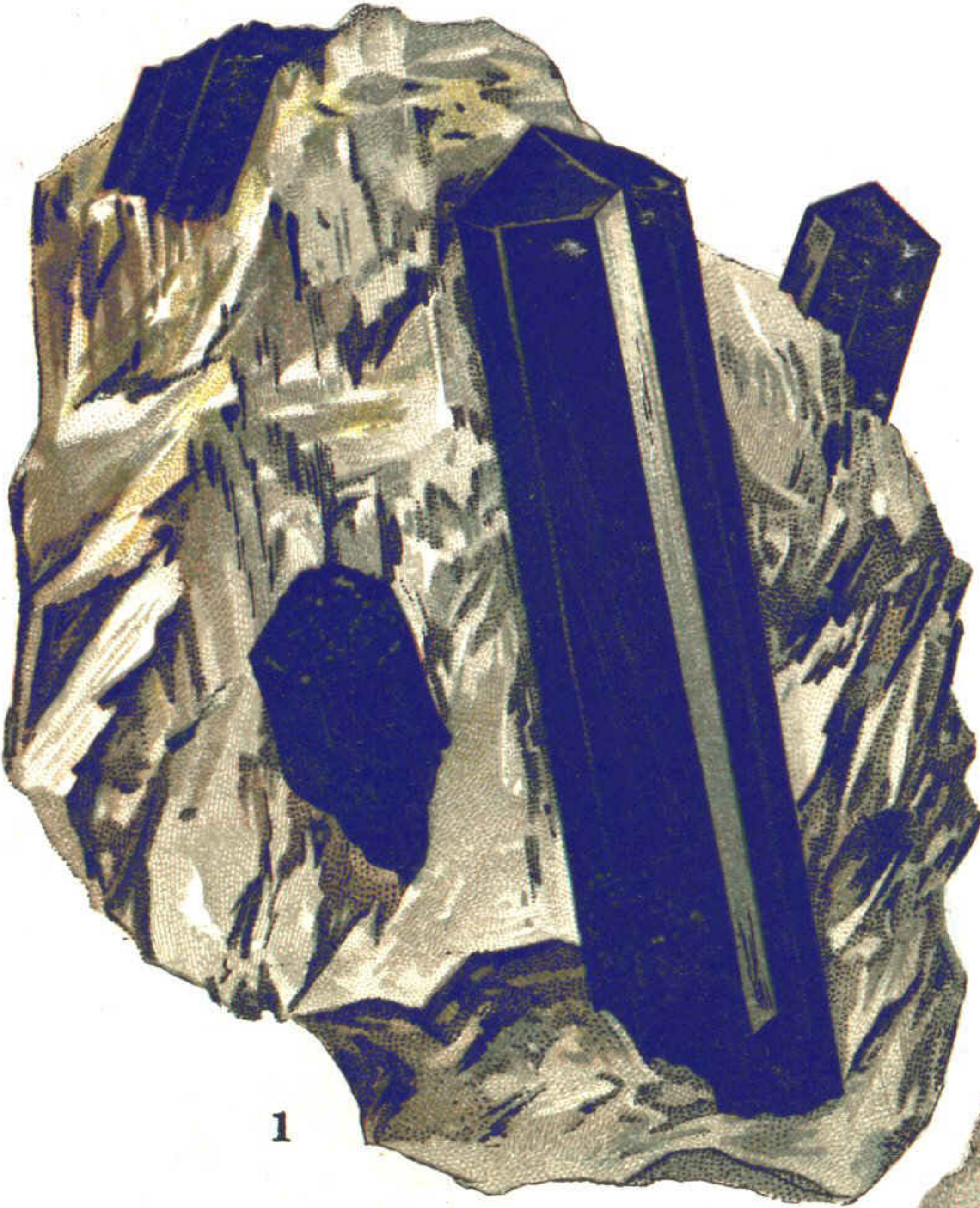


4

1—3, Andalusite (1—2, var. Chiastolite). 4, Kyanite.



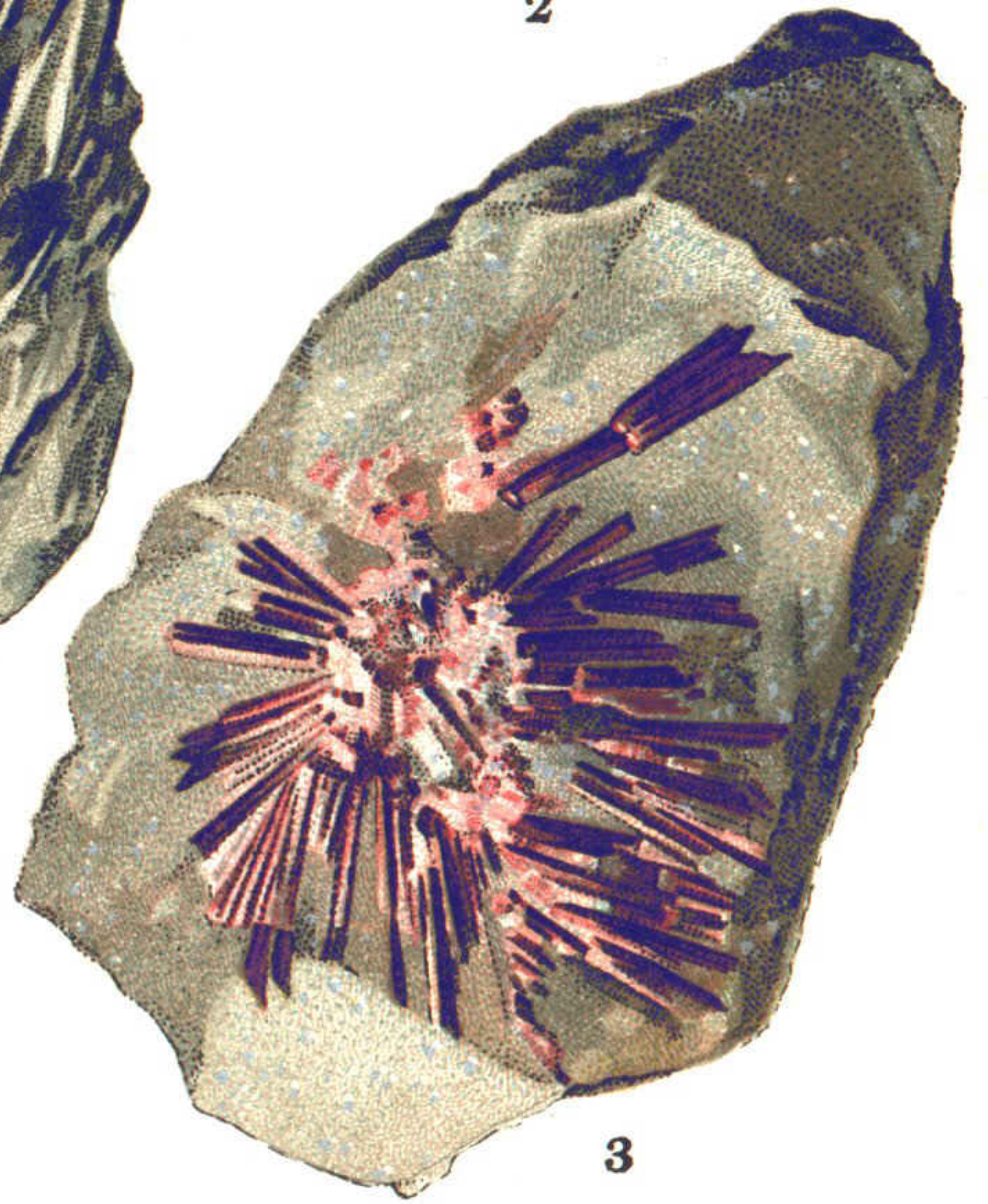
1, Epidote. 2, Axinite. 3, Prehnite.



1



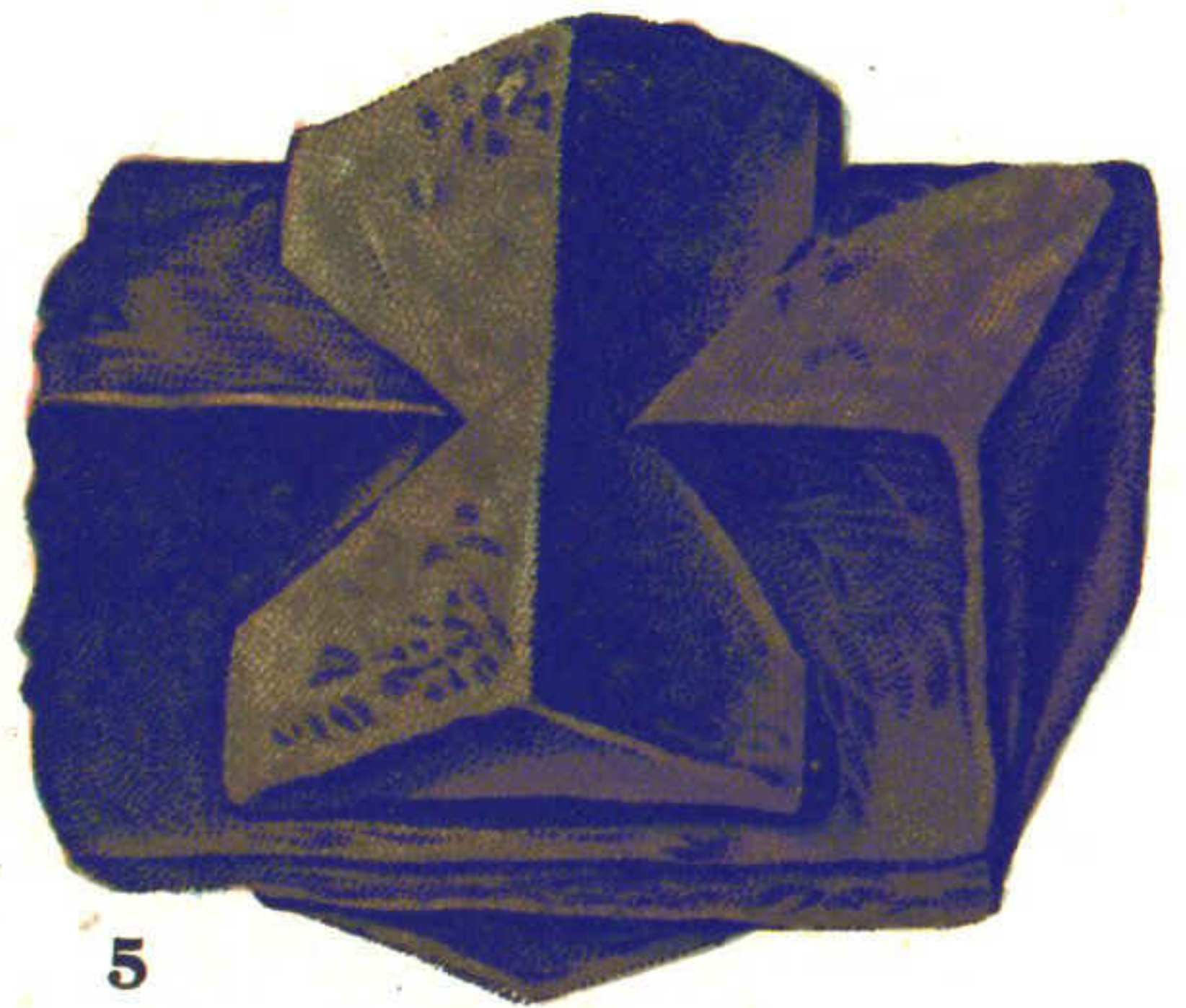
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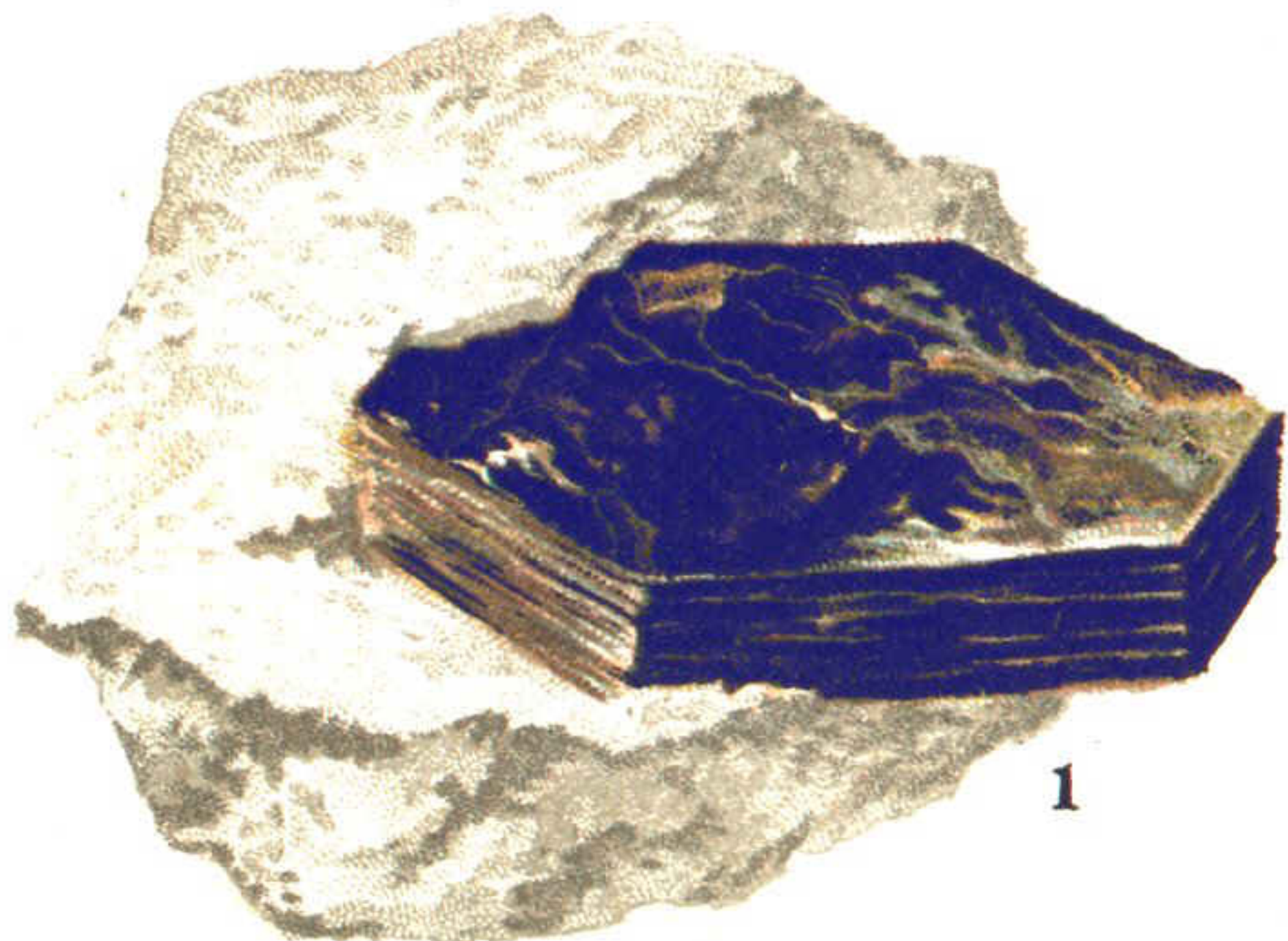


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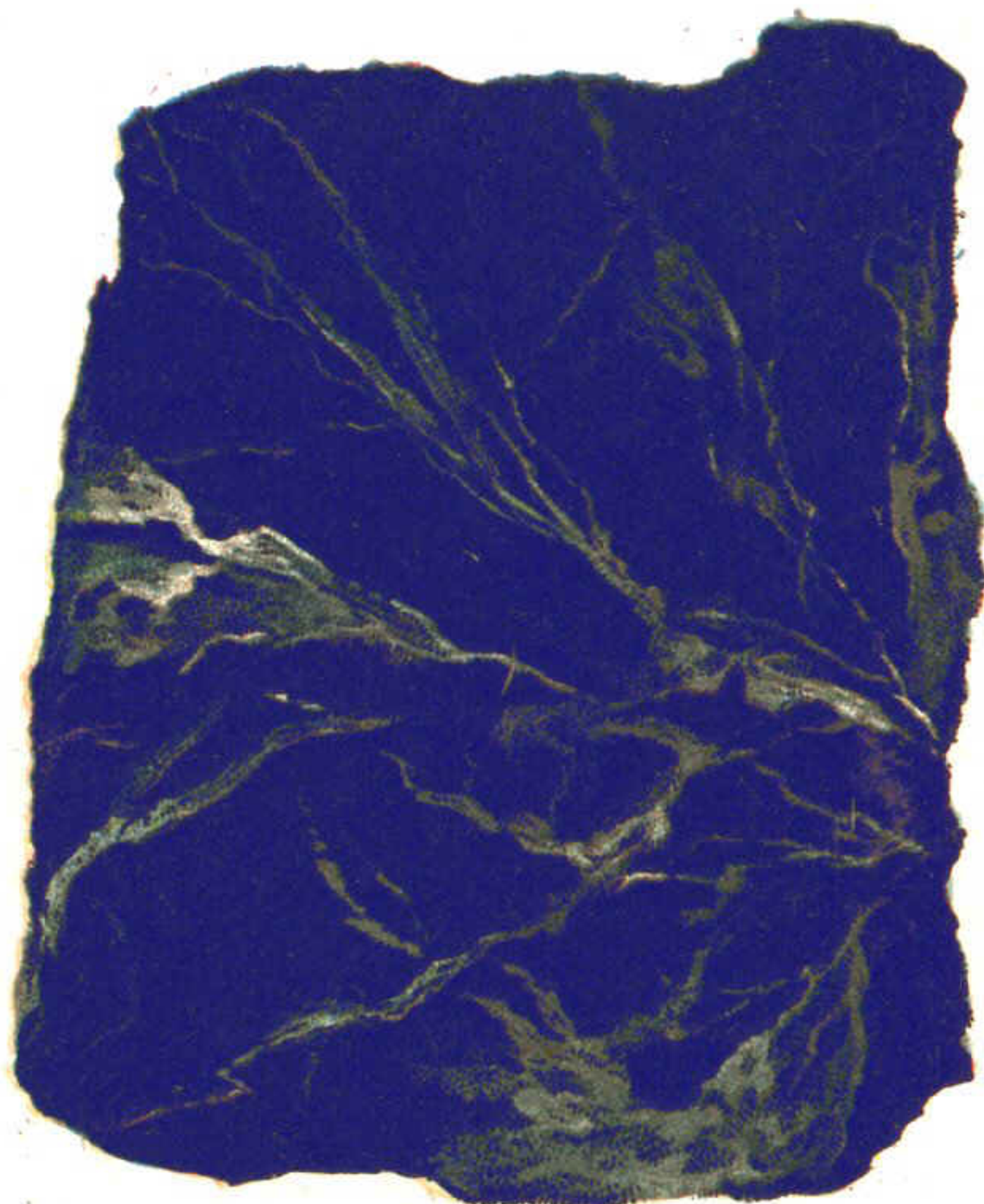


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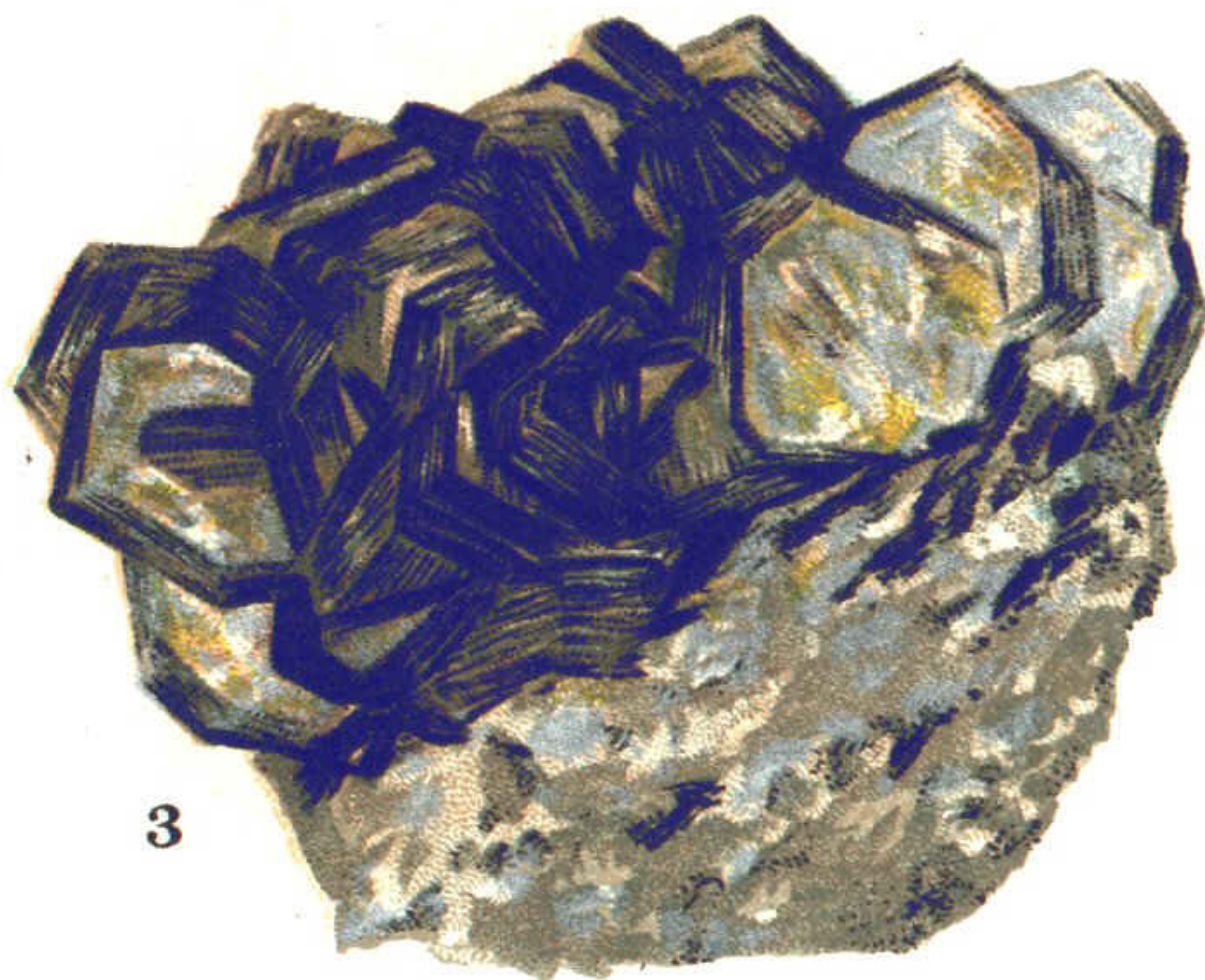
1—3, Tourmaline. 4, 5, Staurolite.



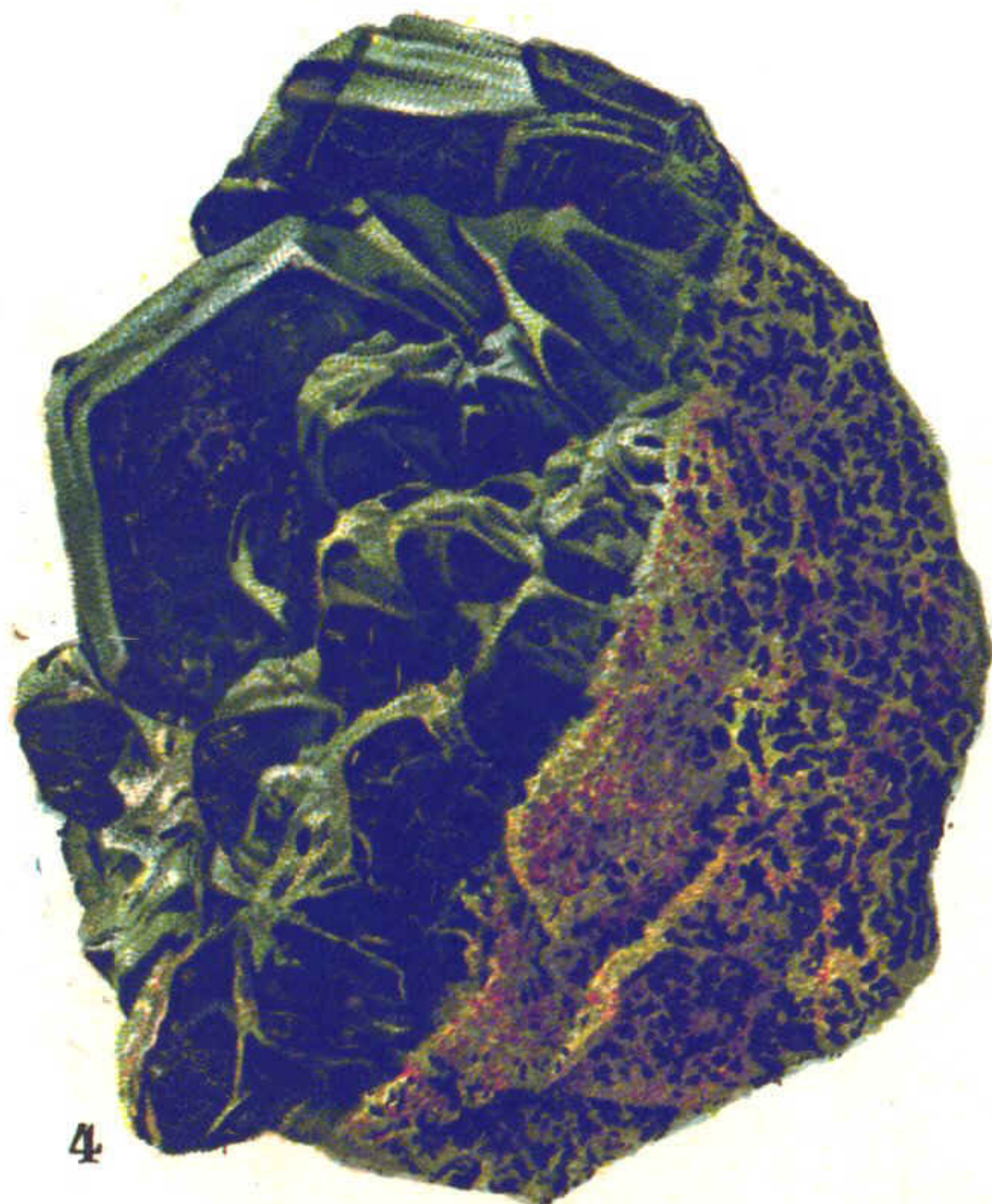
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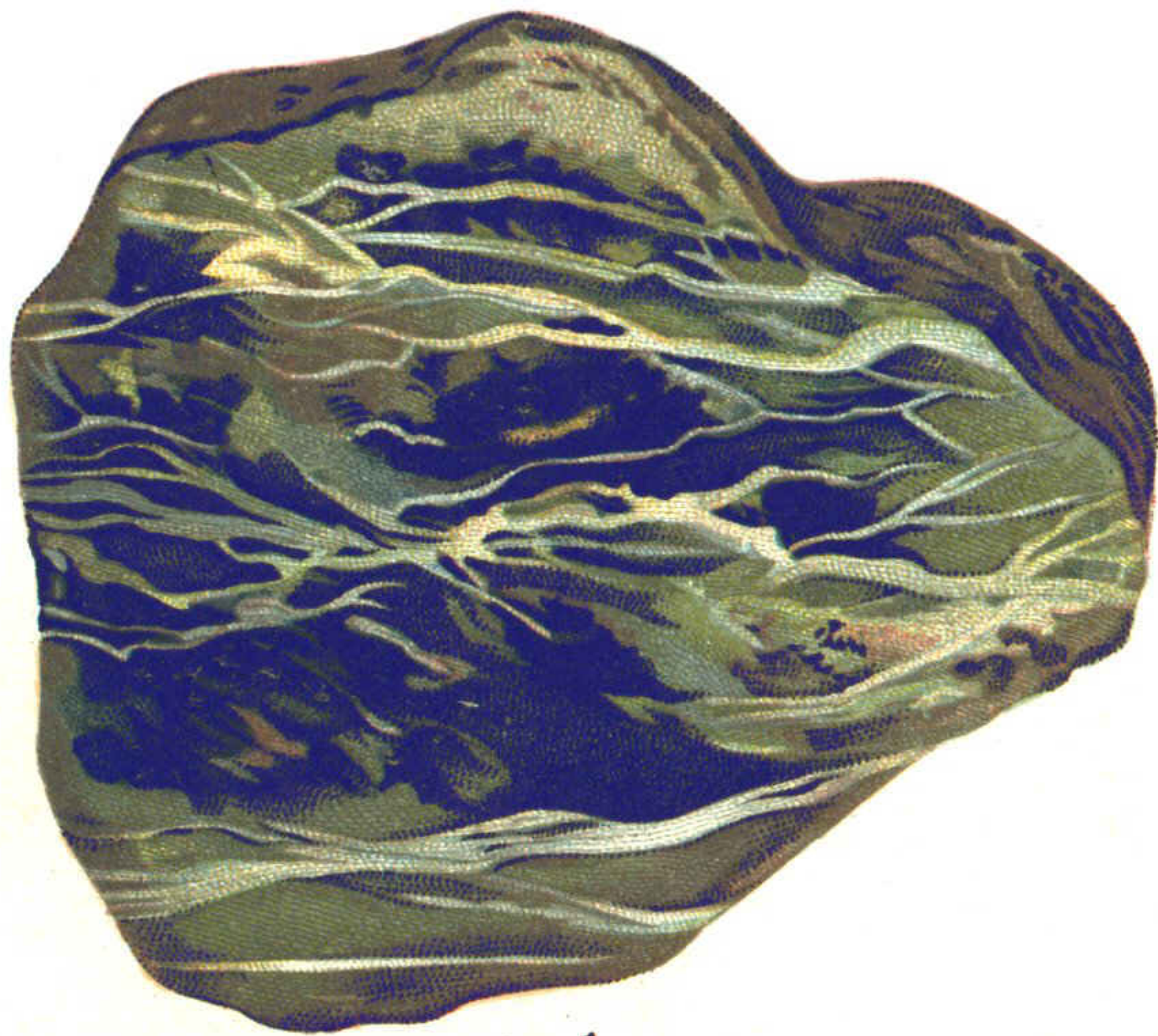


4



5

1, Muscovite. 2, Biotite. 3, Zinnwaldite. 4, Clinochlore. 5, Lepidolite.



1



2



3

1, Serpentine. 2, Meerschaum. 3, Talc.

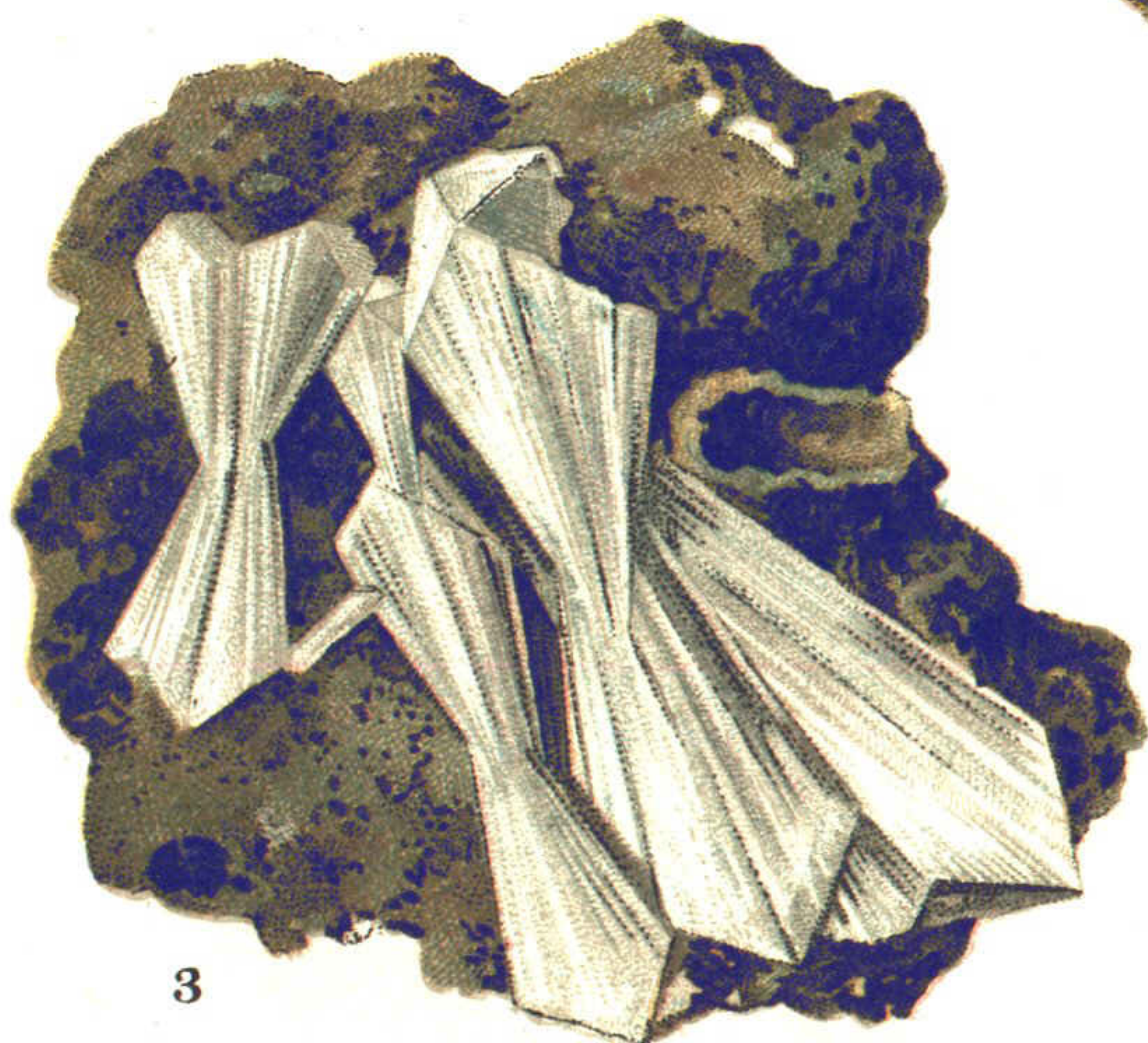
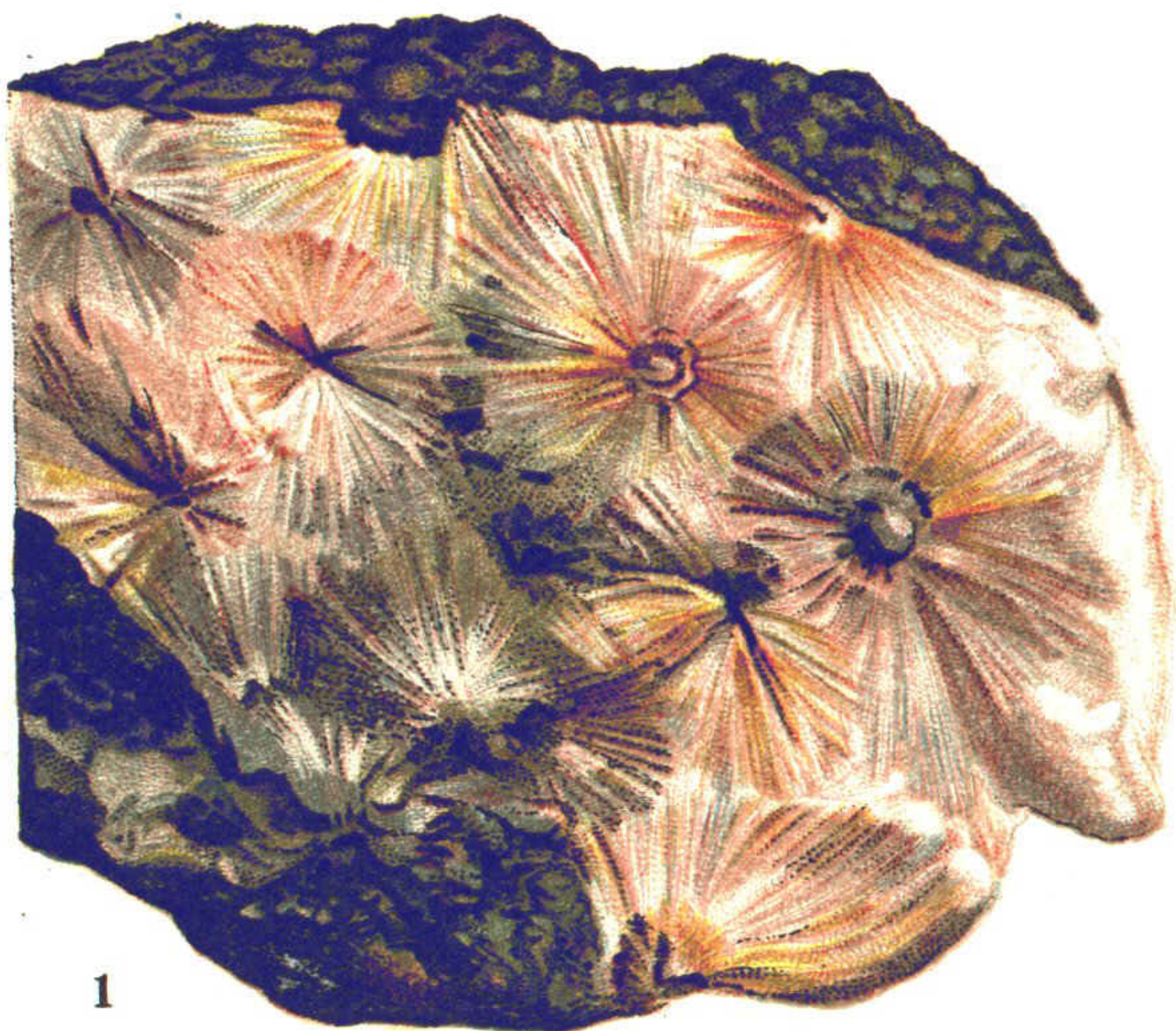


1



2

1, Analcite. 2, Chabazite.



1, 2, Natrolite. 3, Stilbite.



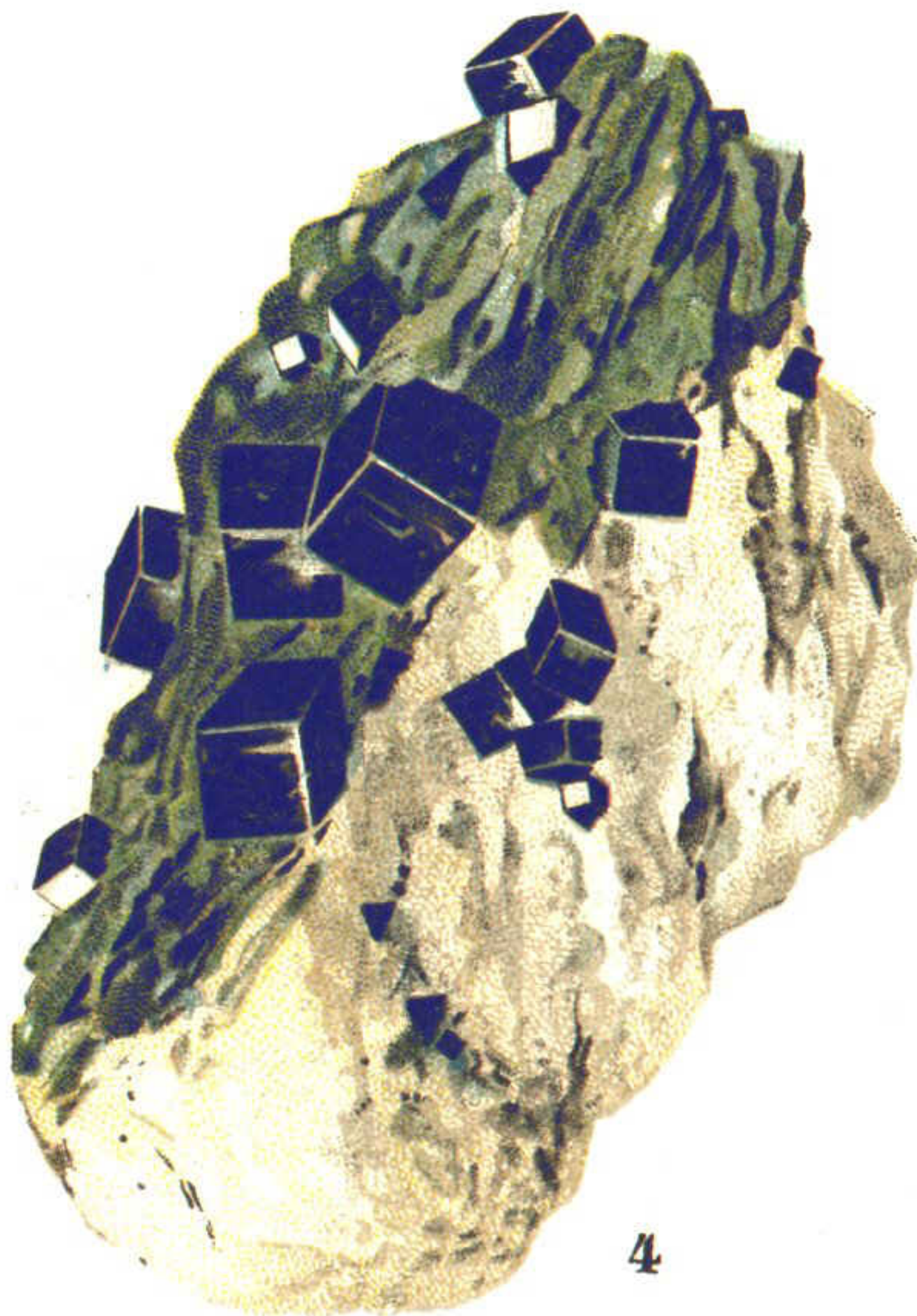
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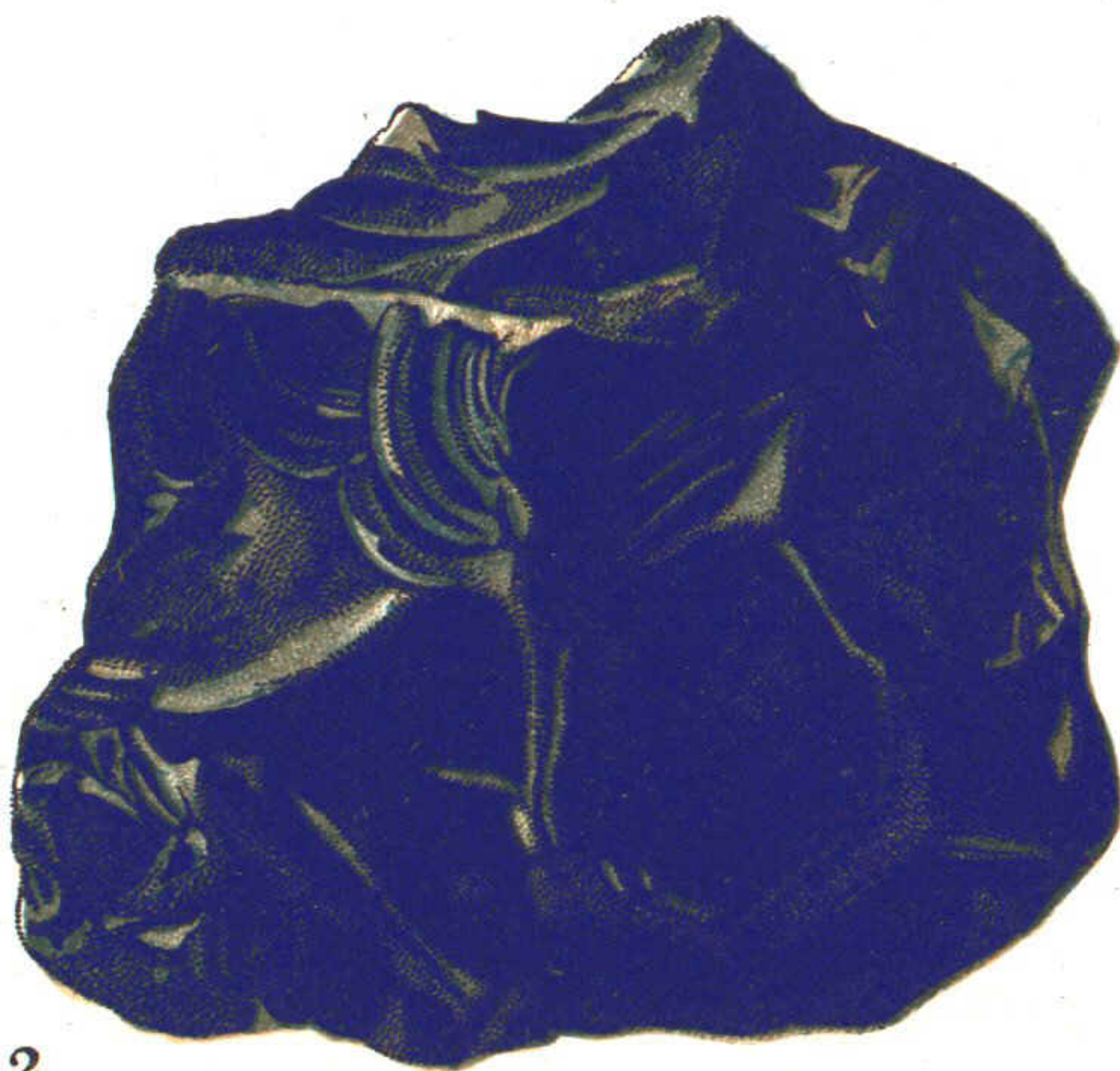


4

1, 2, Sphene. 3, Columbite. 4, Perovskite.



1

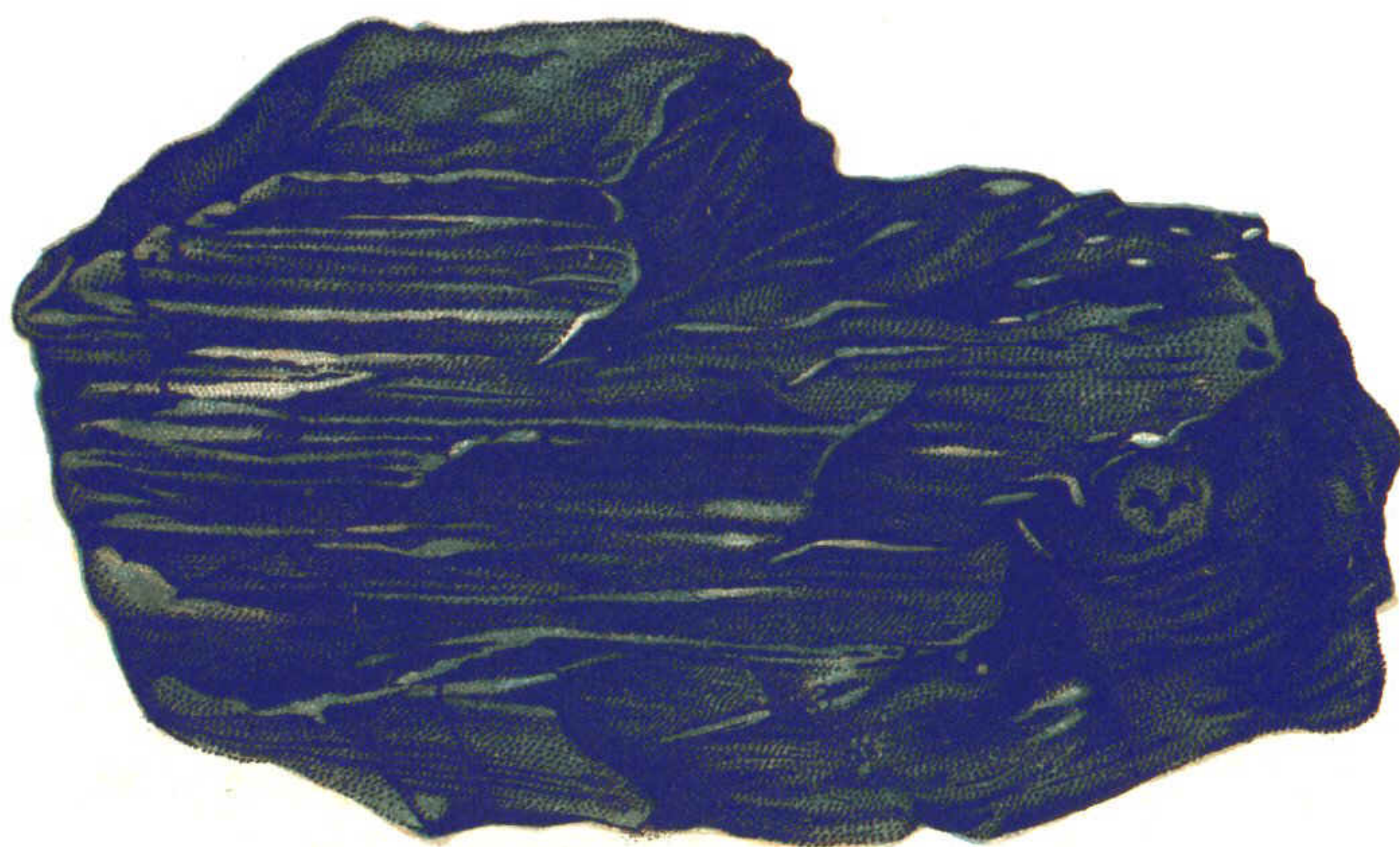


2



3

1, Amber (enclosing insect). 2, Asphaltum. 3, Lignite.



1



2

1, Coal. 2, Anthracite.