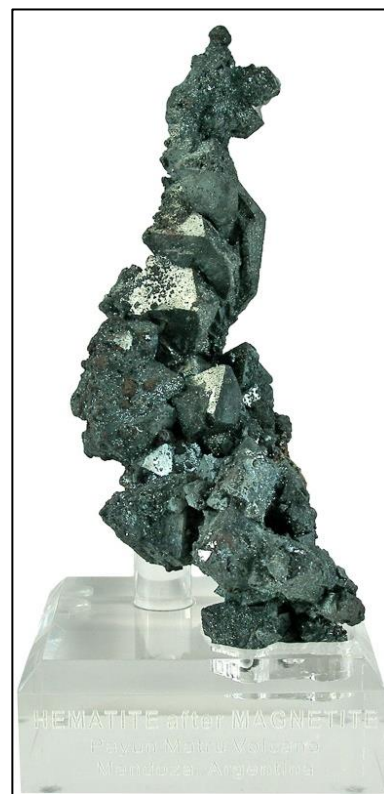


Hematite [Fe₂O₃]

Magnetite and hematite are both iron oxide minerals. Oxides occur in most igneous rocks and as a decomposition product of sulfide minerals. Hematite concretions form in sedimentary rocks through the oxidation of pyrite crystals or the precipitation of iron oxides directly from iron-rich subsurface water. Magnetite, named for its high magnetic property, often forms in massive concretions, but also as tetrahedral crystals, which can be seen in this specimen. Hematite is acting as a mineral replacement and coating on magnetite tetrahedrons. OR38



Specular Hematite OR15



Magnetite OR38



Specularite R26