# <u>Gunnar Färber-Minerals</u>

Systematic - Minerals from all over the world

# Dear mineral collector,

Today you will receive my new offer list 2 / 2022. The current offer contains a variety of very rare minerals such as Aldomarinoite, Ammoniozippeite, Bobcookite, Bosiite, Bounahasite, Clearcreekite, Kotulskite, Princivalleite, Wattersite and Zincovoltaite.

A special focus of the list are new finds from Sweden and Finland, with rarities such as Breithauptite, Ferriperboeite-(Ce), Cubanite, Gahnite, Haapalaite, Johnbaumite, Langbanite, Poitevinite, Posnjakite, Taipingite-(Ce), Tellurobismuthite, Tiberiobardiite, Ulfanderssonite-(Ce) and some others.

From the USA I have rare Mercury, Uranium and Vanadium minerals, from Mexico some rare Tellurides and exceptionally good crystals of the rare borate Nifontovite and from the Ukraine rare Zinc Sulphates.

Another highlight of the list is the Manganese oxide Ramsdellite in highly lustrous Anatase-like looking crystals from the Aegean Sea / Greece. Also, the new Quartz-Citrine-Stars from Morocco are something very special.

# >>>>NEW!!! Analytical Service NEV

NEW!!!<<<<

I offer an extensive assessment and analysis service. I've own modern REM-EDX technology available, please ask for more details.

# I will be represented at the following Mineral Shows

<u>Munich</u> Sept. 30<sup>th</sup>-Oct. 02<sup>th</sup>; <u>Magdeburg</u> Nov. 06<sup>th</sup>; <u>Berlin</u> Nov. 18.-20<sup>th</sup>; <u>Tokyo</u> Dec. 9.-12<sup>th</sup>

# A note to visitors who are still undecided about this year Munich Mineral Show:

This year, the Munich Mineral Show coincides with the Oktoberfest, which is pushing the hotel capacities in Munich to the limit. There are still plenty of hotels available in the surrounding towns and communities. Including local public transport, etc., you can get to the exhibition center from there almost as quickly as you can from downtown Munich.

- Capsule= 0.1 to 0.5 cm; MM = micromounts approx. 0.5 to 1.5 cm; KS = small piece approx. 1.5 to 4 cm.
- NS = average-sized piece approx. 4 to 7 cm; HS = hand-sized piece 7 to 10 cm; GS / MS = museum-sized pieces larger than 10 cm.

- Prices: the prices relate directly to the expense of acquiring the specimens and the work (cleaning, testing, etc.) done on them. All prices include the current 7% VAT on minerals.
- Payment: I accept regular bank transfer, Master, Visa cards and Paypal.
- Refunds: I describe the material as accurately as possible, to minimize any possible discrepancy felt on receipt. However, if you are not satisfied with a specimen, please send it back promptly in its original condition, well packed.
- Postage: inside Germany the postage costs € 5.50; for orders of € 150 and over, I prepay shipping. Within the EU shipping costs € 8,50; shipping is free on orders over € 250. Outside the EU shipping for under 1 kg is € 8,50. From 1 kg, the respective tariff classes of Deutsche Post or the desired parcel service apply. All parcels are insured.
  - From May 25, 2018, new legal rules for data protection will apply. I have therefore adjusted the privacy policy in my General Terms and Conditions. As part of my business activity, I have saved a small amount of data from you, which is used only in the context of the processing of mineral sales. If you do not agree with this, please let me know, I will delete your information immediately. Your data will of course be kept strictly confidential and will not be shared with third parties.

Best wishes Gunnar Färber

# Aldomarinoite xls

Valletta Mine, Canosio, Cuneo Prov., Piedmont / Italy / TYP The new, extremely rare Strontium-Manganese-Arsenate forms dark orange crystal aggregates of 1 mm, isolated on thin fracture zones in a dark Quartzite matrix. MM 95,00; KS 148,00

# Alurgite xls

Straussheim Pegmatite, Kenhardt, Mgcawu, Nothern Cape / South Africa Pretty crystal aggregates of intensely red highly lustrous tabular crystals of up to 1 cm. The intensive coloring is caused by a lattice disturbance caused by the incorporation of trivalent Manganese in Muscovite-2M1.

KS 28,00

# **Ammoniozippeite xls + Natrozippeite xls**

Blue Lizard Mine, Red Canyon, San Juan Co., Utah / USA / TYP The Ammonium Uranyl Sulfate occurs here as orange-colored crystals, next to yellow Natrozippeite crystals and Gypsum very rich on Sandstone. Pretty specimens from a new find. KS 48,00; NS 125,00

# Andradite xls

Harstigen Mine, Persberg, Värwland / Sweden Orange-brown highly lustrous transparent crystals of 2 mm. Very rich on large cavities in grey metallic Hematite matrix. Pretty Garnet specimens from a rare locality. KS 28,00; NS 48,00

# **Bambollaite** (xls) + Tellurium (xls)

San Miguel Mine, Moctezuma, Sonora / Mexico This rare copper selenide/telluride forms crystals of around 100 µm. Densely intergrown with white metallic native Tellurium crystals of 500 µm in Baryte-Quartz matrix. (ratio of Bambollaite to native Tellurium = approx. 1 to 10). KS 38,00; NS 85,00

# **Barrerite xls**

Rocky Pass, East coast of Kuiu Island, Alexander Archipelago, Alaska / USA Pretty crystal groups of colorless white flat-prismatic crystals of 1.5 cm. The rare Sodium Zeolite was created here by ion exchange from stilbite with salt water. The location is in the tidal area on a very remote coastline.

KS 28,00; NS 38,00; HS 65,00

# Bastnäsite-(Ce) (xls) + Cerite-(Ce) (xls)

Bastnäs Mine, Riddarhyttan, Skinnskatteberg, Västmanland / Sweden / TYP Pale yellowish-brown to colorless crystal aggregates of 5 mm in almost massive violetgrey glassy Cerite-(Ce). Interesting specimens from the Type-location of Bastnaesite-(Ce). Found and analyzed in July 2022. KS 28,00; NS 38,00

# Belyankinite (xls) + Euxenite-(Y) xl

Uranium King Mine, Encampment, Carbon Co., Wyoming / USA The Titanium-Niobium-Oxide forms light yellowish-brown dense aggregates, very rich as hydrothermal alterations around dark brown glassy Euxenite-(Y) crystals of 2 cm (KS) to 3 cm (NS). Interesting and newly examined specimens.

#### **Blakeite xls**

San Miguel Mine, Moctezuma, Sonora / Mexico Light brown acicular crystal aggregates of up to 2 mm on Baryte-Quartz matrix. Only a few specimens of the extremely rare Iron Tellurite available. KS 75,00; NS 148,00

#### **Bobcookite xl**

Blue Lizard Mine, Red Canyon, San Juan Co., Utah / USA / TYP Pale greenish yellow intensely fluorescent crystals to 1 mm, very rich beside Tamarugite and Chalcanthite on Sandstone. Interesting specimens of the rare Na-Al-Uranyl Sulfate. KS 48,00; NS 125,00

#### **Bosiite xls**

Valletta Mine, Canosio, Cuneo Prov., Piedmont / Italy This very rare Tourmaline group mineral occurs here as orange-brown acicular crystals of 2 mm, grown in white Quartz matrix. KS 95,00

#### **Bounahasite xls**

Bou Nahas Mine, Alnif, Tinghir Prov., Draa-Tafilalet Region / Morocco / TYP The new, extremely rare Copper Chloride forms green crystal aggregates of up to 2 mm in size, from maximum 3 x 25 x 30 μm large micro crystals, together with olive-green Paratacamite crystals on native Copper crystals. MM 125,00; NS 285,00

#### **Brandtite xls**

Harstigen Mine, Pajsberg, Filipstad, Värmland / Sweden / TYP Pretty crystal clusters of colorless flat-prismatic crystals to 3 mm, with brown Caryopilite on cavities in Andradite-Hematite matrix. Nice specimens of the rare Calcium Manganese Arsenate. Found around 1980. KS 38,00; NS 65,00; HS 95,00

#### **Brazilianite xl**

Jenipapo, Jequitinhonha Valley, Itinga, Minas Gerais / Brazil Pretty, bright green, highly lustrous, well terminated single crystals of 2 cm from a new find. KS 19,00

#### **Breithauptite xls**

Zinkgruvan Mine, Zinkgruvan, Askersund, Örebro / Sweden The rare Nickel-Antimonide occurs here as pink-violet-metallic crystal aggregates of up to 4 mm. Next to yellow metallic Cubanite in Calcite matrix. Interesting and pretty specimens, found about 20 years ago. KS 38,00; NS 48,00

# Catapleiite xls

Norra Kärr, Gränna, Jönköping, Smaland / Sweden Pale blue pseudohexagonal thick tabular crystals of 1.5 cm, very rich in green Grännaite matrix. Pretty specimens from a new find. KS 19,00; NS 38,00; HS 65,00

#### Cejkaite xls

Yellow Cat, Thompson District, Grand Co., Utah / USA The rare Sodium Uranyl Carbonate forms greenish-yellow glassy crystal aggregates of 1 mm, very rich on gray Sandstone. KS 38,00; NS 85,00

#### **Clearcreekite xls**

Clear Creek Mine, Clear Creek Canyon, San Benito Mts., California / USA / TYP This extremely rare Mercury Carbonate forms yellowish aggregates of tiny needle crystals on cavities in silicified Jasplite. Only a few specimens available. KS 225,00; NS 385,00

# Cubanite xls

Zinkgruvan Mine, Zinkgruvan, Askersund, Örebro / Sweden High lustrous yellow metallic crystal aggregates of 2 cm of pure Cubanite, very rich with brown Sphalerite in Calcite matrix. Pretty display specimens, found about 20 years ago. KS 28,00; NS 38,00; HS 85,00

# Cuzticite xls

San Miguel Mine, Moctezuma, Sonora / Mexico This rare Iron Tellurite forms brown compact crystal aggregates of fibrous micro crystals, covering several square centimeters. Very rich on fracture zones in Barite-Quartz matrix KS 48,00; NS 125,00

# **Dewindtite xls**

Kersegalec, Lignol, Pontivy, Morbihan, Brittany / France Dark yellow waxy dense crystal aggregates with light green Torbernite crystals, very rich on eroded Grant matrix. Old newly examined samples of the rare Lead Uranyl Phosphate. KS 48,00; NS 125,00

# **Dietrichite xls**

Chocolate Drop, Red Canyon, San Juan Co., Utah / USA The rare Zinc-Aluminum-Sulfate occurs here as accicular needle-like light pink crystals of 5 mm. Grown on a crystal lawn of light yellow Alunogen crystals. They are by far the prettiest Dietrichite I've ever seen. KS 38,00; NS 85,00

# Edgarbaileyite xls

Clear Creek Mine, Clear Creek Canyon, San Benito Mts., California / USA The extremely rare and only known Mercury-Silicate, forms yellowish green to brownish waxy crystal aggregates of 2 mm. Isolated with some Cinnabarite on vug zones in silicified Jasplite. KS 38,00; NS 125,00

# Ferriallanite xls

Bastnäs Mine, Riddarhyttan, Skinnskatteberg, Västmanland / Sweden Dark brown long-prismatic idiomorphic crystals of up to 1 cm. Very rich in a matrix of light green needly Actinolite crystals. Pretty specimens from a new find in July 2022. KS 19,00; NS 38,00

# Ferri-kaersutite xls

Mojacar Bay, Almeria, Andalusia / Spain Black prismatic crystals to 1,5 cm on pale Sanidine matrix. Pretty specimens of the rare Titanium Silicate. KS 28,00; NS 48,00

# Ferriperboeite-(Ce) (xls)

Bastnäs Mine, Riddarhyttan, Skinnskatteberg, Västmanland / Sweden / TYP The Cerium Iron Silicate occurs here in this special paragenesis densely intergrown with brown Ferriallanite-(Ce) (Only distinguishable via polished section and REM-EDX) accompanied by Cerite-(Ce), Actinolite and Quartz. Found and analyzed in July 2022. KS 48,00; NS 125,00

# Ferro-anthophyllite xls

Skyttgruvan, Näverberg, Falun, Dalarna Co. / Sweden Greenish brown highly lustery radial-acicular crystal aggregates to 3 cm, very rich, with Phlogopite in Quartz matrix. Pretty specimens of the rare Iron Magnesium Silicate. New find in July 2022. KS 38,00; NS 65,00; HS 125,00

#### Fluellite xls

Willard Mine, Humboldt Range, Pershing Co., Nevada / USA Nice colorless gemmy crystals of up to 4 mm, very rich on large cavities in a gray Slate matrix. Pretty specimens from a new find.

# Fogoite-(Y) xls

Lombadas, Lake Fogo, Água de Pau Volcano, San Miguel Island, Azores / Portugal / TYP Brilliant pale yellowish-brown needle crystals of up to 1.5 mm. In small fissure zones next to Sanidin and Aegirine in a volcanic ejected boulder (Syenite Xenolith). MM 38,00; KS 75,00

#### Gahnite xls

Näverberg Mine, Falun, Dalarna Co. / Sweden Dark green glassy crystals to 5 mm, very rich with brown Sphalerite in a matrix of radialacicular Anthophyllite. The Zinc Aluminum Spinel was once the main Zinc ore in the Näverberg Mine. KS 28,00; NS 38,00

#### **Giacovazzoite xls + Scordariite xls**

Monte Arsiccio Mine, Sant'Anna di Stazzema, Lucca Prov., Tuscany / Italy / TYP The two new Potassium-Iron-Sulphates, "Giacovazzoite" = orange-brown highly lustrous transparent crystals of 1 mm, "Scordariite" = yellowish-brown crystal aggregates of 0,3 mm. Grown on a matrix of colorless Alum-(K) crystals. MM 38,00; KS 65,00

#### Haapalaite xls

Siikaisten Quarry, Otamo, Siikainen, Satakunta / Finland The rare Iron-Magnesium-Hydroxysulfide occurs here as black metallic hexagonal tabular crystals up to 3 mm. Very rich as intergrown crystal aggregates on large cavities on Dolomite matrix. Outstandingly good specimens. KS 48,00; NS 125,00; HS 350,00

#### Häggite xls + Paramontrosite xls

Mineral Joe Mine, Paradox Valley, Montrose Co., Colorado / USA

The rare Vanadium Oxide forms dense velvety-like crystal aggregates of dark olive-green needle-like crystals, very rich on black Paramontrosite matrix. KS 38,00; NS 95,00

# Haleniusite-(Ce) xls

Bastnäs Mine, Riddarhyttan, Skinnskatteberg, Västmanland / Sweden The rare Cerium Oxyfluoride, occurs here as pale yellow crystal aggregates, very rich on a matrix of pale purple glassy Cerite-(Ce) and Ferriallanite(Ce). Found and analyzed in July 2022. KS 38,00; NS 65,00

# Hedyphane xls

Harstigen Mine, Persberg, Värmland / Sweden Orange-red waxy crystal aggregates of 3 cm x 2,5 cm in Calcite-Quartz-Richterite matrix. Pretty specimen found around 1980. NS 125,00

#### Jarosite xls

San Miguel Mine, Moctezuma, Sonora / Mexico Yellowish-brown highly lustrous crystals of 0,5 mm, very rich as a dense crystal lawn on several square centimeter large cavities in a Quartz-Sericite matrix. KS 19,00; NS 28,00

#### Johannite xls

Blue Lizard Mine, Red Canyon, San Juan Co., Utah / USA Yellowish-green transparent crystals to 1 mm, together with pale blue Chalcanthite on Sandstone. Pretty specimens of the rare Copper Uranyl Sulfate. KS 38,00; NS 65,00

# Johnbaumite xls

Harstigen, Persberg, Filipstadt, Värmland / Sweden

White long-prismatic idiomorphic crystals to 3 mm. Grown together into small radiating crystal aggregates. So far, idiomorphic crystals of the rare Calcium Arsenate are essentially only known from Hastigen. Old specimens, found around 1980. KS 28,00; NS 65,00

# Kotulskite (xls)

Key West Mine, Bunkerville, Virgin Mts., Clark County, Nevada / USA The Palladium Telluride occurs here in the form of 20 μm large crystals. In addition to Tetradymite (30 μm) and several millimeters large Pentlandite-Pyrite inclusions in a green Hornblendite. Kotulskite is one of the main Palladium ore minerals here. Large, polished sections of 5 cm x 5 cm; NS 65,00

# Langbanite xls

Mangruvan, Nyberget, Lindesberg, Örebro / Sweden This extremely rare Antimony Manganese Silicate occurs here in deep dark brown metallic lustery crystals up to 4 mm in size. Intergrown in Andradite-Rhodonite-Calcite-Hematite matrix. Outstandingly good, newly examined specimens, found around 1980. KS 65,00; NS 148,00

#### Lepidocrocite xls

Pedra Azul Pegmatite, Medina, Minas Gerais / Brazil Dark brown highly lustrous long tabular crystals of 5 mm, with fiery red inner reflections. Intergrown to pretty crystal specimens of compact radial tabular crystal aggregates. MM 19,00; KS 28,00; NS 48,00

#### Luanheite xls

Los Bordos Mine, Tierra Amarilla, Copiapó Prov., Atacama / Chile Silvery-brown metallic tabular crystal aggregates of 2 cm (KS) to 3 cm (NS), with black Acanthite. Interesting specimens of the rare Silver Amalgam. KS 38,00; NS 95,00

# Mackayite xls

# San Miguel Mine, Moctezuma, Sonora / Mexico Light greenish-brown diamond lustrous tetragonal-bipyramidal crystals to 1 mm on Barite-Quartz matrix. Pretty specimens of the rare Iron Tellurite. KS 48,00

# Magnesiostaurolite xls

Gilba Valley, Brossasco, Cuneo Prov., Piedmont / Italy / TYP Pale pink-yellowish glassy crystals of 3 mm, very rich in Ultra-High Pressure (100 km depth) Quartz Muscovite matrix. KS 38,00

# **Meneghinite xls**

Kalkar Quarry, Santa Cruz, Santa Cruz Co., California / USA Gray metallic acicular crystal aggregates of 2 cm, together with white metallic Gersdorffite in Quartz-Calcite matrix. Pretty and showy specimens, found in the 1970's. KS 28,00; NS 48,00; HS 125,00

# Montroydite xls

Clear Creek Mine, Clear Creek Canyon, San Benito Mts., California / USA The rare mercury oxide occurs here as pretty crystal aggregates of 3 mm. Consisting of inter grown highly lustrous, long-prismatic orange-brownish crystals of up to 1 mm, with Cinnabarite on vugs in silicified Jasplite. KS 38,00; NS 65,00

# Nifontovite xls

Rey y Reina Mine, Charcas, San Luis Potos / Mexico Pretty crystal specimens of inter-grown colorless long-prismatic crystals of up to 3 cm in size. Outstanding specimens of the rare Calcium Borate, found in January 2010. KS 38,00; NS 95,00; HS 225,00

# Oxy-petscheckite (xls) + Aeschynite-(Y) xl

Uranium King Mine, Encampment, Carbon Co., Wyoming / USA The Uranium-Iron-Niobium-Oxide forms light yellow aggregates, as a rare hydrothermal alteration on black glassy Aeschynite-(Y) crystals of 2 cm (KS) to 3 cm (NS). Interesting and newly examined specimens from a new find. KS 65,00; NS 125,00

#### Parauranophane xls + Uranophane xls

Big Eagle Mine, Crooks Gap, Fremont Co., Wyoming / USA Dark yellow glassy rectangular-flat-prismatic crystals to 1 mm, very rich with pale yellow needle-like Uranophane crystals on Quartz matrix. Old newly examined specimens, found around 1980. KS 28,00; NS 48,00

#### **Phosphosiderite xls + Jarosite xls**

Tierra Amararilla, Copiapo Prov., Atacama Desert / Chile High lustrous violet crystals, very rich with brown Jarosite crystals on vugs in light violet massive Phosphosiderite - Quartz matrix. Pretty specimens from a new find. KS 19,00; NS 38,00

#### **Piccoliite xls**

Montaldo Mine, Borgata Oberti, Cuneo Prov., Piedmont / Italy / TYP The rare Sodium-Calcium-Manganese-Arsenate forms highly lustrous dark brown crystal aggregates of up to 3 mm, very rich in colorless Quartz matrix. KS 38,00

#### **Pickeringite xls**

Chocolate Drop, Red Canyon, San Juan Co, Utah / USA Pinkish silky lustrous needle-like crystals of 2 cm, intergrown to parallel- acicular crystal aggregates of 4 cm. Pretty display specimens of Mg-Al-Sulphate. The pink color is caused by small amounts of cobalt (approx. 0.35 At%). KS 28,00; NS 48,00; HS 125,00

# Poitevinite xls

Källargruvan, Mägen Lake, Sunne, Värmland / Sweden The Copper-Iron-Sulphate forms here colorless to pale pink thin crystal crusts on Sulphide matrix. Formed as hypergenic oxidation on Sulphide-rich Granite matrix. Found and analyzed in July 2022. KS 28,00; NS 48,00

# **Portlandite xls + Bentorite xls**

Ma'ale Adumine, Judea Desert, Quds Prov., Hatrurim Formation, West Bank / Palestine Colorless tabular idiomorphic crystals of 5 mm of rare Calcium Hydroxide. Very rich in addition to densely light violet crystals of Bentorite (Chromium-Calcium-Sulphate-Hydroxide), outstandingly good specimens. KS 48,00; NS 225,00

# Posnjakite xls

Källargruvan, Mägen Lake, Sunne, Värmland / Sweden Pretty crystal crusts of highly lustrous sky blue crystals. Covering several square centimeters. Formed as hypergenic oxidation on Sulphide-rich Granite matrix. Nice specimens of the uncommon Copper Sulfate Hydrate, found and analyzed in July 2022. KS 19,00; NS 38,00; HS 85,00

# **Preiswerkite xls**

Geisspfad Pass, Binntal, Goms, Wallis / Switzerland / TYP Highly lustroy pale green tabular crystals, intergrown with white Albite in aggregates of 1 cm. Very rich in a matrix of colorless Zoisite and greenish-grey Pargasite. KS 28,00; NS 65,00

# Princivalleite xls

Curiglia, Curiglia con Monteviasco, Varese Prov., Lombardy / Italy / TYP The new, very rare Tourmaline group mineral is the Manganese analogue of Olenite and occurs here as light blue crystal aggregates of up to 5 mm in a Quartz-Muscovite matrix.

# **Pyrophanite xls**

Harstigen Mine, Persberg, Värmland / Sweden / TYP Orange-brown highly lustrouy tabular crystals to 3 mm on Calcite-Richterite matrix. Pretty specimens of the rare Manganese-Titanium Oxides. NS 65,00

# **Quartz-Citrine-Stars xls**

Kasba Oulad el Bekri, Missour, Boulemane Prov., Fes-Meknes Region / Morocco "Citrine Stars" yellow globular crystal aggregates of 1.5 cm (MM), 2.5 cm (KS) to 3.5 cm (NS) with perfect crystal-tips of up to 5 mm. Look like Australian "Pineapple Opals" and are probably also of sedimentary origin. Interesting new kind of Gem material. MM 19,00; KS 28,00; NS 48,00

# Ramsdellite xls

Vani Mine, Cape Vani, Milos Island, Aegean Sea / Greece Black highly lustrous metallic di-pyramidal (almost Anatase like) crystals to 4 mm, very rich on cavities of 3 cm in light brown Sandstone matrix. Outstandingly good display specimens of the rare manganese oxide, found in 1999. KS 28,00; NS 38,00; HS 85,00

# Rauvite xls + Hewettite xls

Monument No. 2 Mine, Monument Valley, Apache Co., Arizona / USA The rare Calcium-Uranyl-Vanadate occurs here in the form of yellowish-brown tabular micro-crystals. Very rich with red-brown tabular Hewettite crystals to 1 mm in Sandstone matrix. KS 38,00; NS 85,00

# **Rheniite xls**

Kudriavy Volcano, Iturup Island, Kuril Islands, Sakhalin / Russia / TYP

The Rhenium Sulfide forms gray metallic tabular crystals of 1 mm on greenish grey Dacite. Due to the current inactivity of the fumaroles and the geographical and political isolation of the region, there will hardly see any new samples from there again. MM 28,00; KS 48,00; NS 148,00

#### Scheelite xl + Ferberite (xls)

Mt. Freegold, 50 km west of Carmacks, Yukon / Canada Gray glassy crystals of 1,5 cm with inclusions of small brown Ferberite crystals from an remote alluvial Gold deposit. KS 28,00

#### **Stolzite xls + Scheelite xls**

Mundo Nuevo Mine, Huamachuco, Sanchez Carrion Prov., La Libertad / Peru Pale yellow crystal aggregates of rare Lead-Tungstate on 2.5 cm Scheelite crystals. Accompanied by colorless long prismatic Quartz crystals. Nice specimens collected in 2014. KS 48,00

#### **Taipingite-(Ce) xls**

Bastnäs Mine, Riddarhyttan, Skinnskatteberg, Västmanland / Sweden The rare fluorine-containing Cerium Silicate occurs here in grey, glassy, almost massive aggregates. Accompanied by some Actinolite. Bastnäs is only the third location worldwide for rare mineral Taipingit-(Ce). Found and analyzed in July 2022. KS 48,00; NS 125,00

#### **Tellurobismuthite xls**

Mangfallsberget, Boliden, Skelleftea, Västerbotten / Sweden Silvery white metallic tabular crystals to 4 mm, very rich with some Tetradymite and Chalcopyrite on gray Andalusite-Corundum matrix. Outstandingly good display specimens, found around 1965 when the Mine was still active. KS 38,00; NS 95,00; HS 480,00

#### **Telluromandarinoite xls**

San Miguel Mine, Moctezuma, Sonora / Mexico

This extraordinarily rare Iron Tellurite newly described only a few years ago. Forms highly lustrous light olive-green tabular crystals and spherical crystal aggregates of 0,5 mm on Baryte-Quartz matrix. KS 125,00; NS 225,00

#### **Tiberiobardiite xls**

Källargruvan, Mägen Lake, Sunne, Värmland / Sweden This extremely rare Silicon analog to Chalcophyllite forms tabular crystals of 30µm. Very rich as the main component of light green hypergenic oxidation crusts on Sulphide-rich Granitic matrix. Found and analyzed in July 2022. KS 95,00; NS 148,00

#### **Tochilinite xls**

Siikaisten Quarry, Otamo, Siikainen, Satakunta / Finland The Iron-Magnesium-Hydroxysulfide forms black metallic long tabular to needle-like crystals up to 3 mm in size. Very rich on cavities on Dolomite matrix. Outstandingly good specimens. KS 38,00; NS 95,00; HS 350,00

#### Trinitite

Trinity Site, Alamogordo, Socorro Co., New Mexico / USA / TYP Light green glassy aggregates of 1 cm (MM) to 2 cm (KS). Created on July 16th, 1945, at 5:29 am, during the first atomic bomb explosion, when the sand melted and became vitrified. The beginning of the new age of the Anthropozen. MM 19,00; KS 28,00

#### Ulfanderssonite-(Ce) xls + Bastnäsite-(La) xls

Bastnäs Mine, Riddarhyttan, Skinnskatteberg, Västmanland / Sweden The extremely rare Chlorine-containing Cerium Silicate occurs here in a remarkable Paragense with Lanthanum-dominant Bastnäsite-(La). As densely intergrown pinkcolored glassy crystal aggregates with Chalcopyrite. Found and analyzed in July 2022. KS 125,00; NS 350,00

#### Walentaite xls

White Elephant Mine, Cicero Peak, Custer Co., South Dakota / USA / TYP

Yellowish-brown radial-acicular crystal aggregates of 1 mm, very rich on thin fissure zones on Quartz. Pretty specimens of the rare Iron Arsenate Phosphate. MM 28,00; KS 48,00

# Wattersite xls

Clear Creek Mine, Clear Creek Canyon, San Benito Mts., California / USA / TYP The extremely rare Mercury Chromate forms dark brown metallic highly lustrous crystals of up to 0.7 mm in size. Isolated with some Cinnabarite on a matrix of silicified Jasplite matrix. KS 65,00; NS 148,00

# Wulfenite xls + Vanadinite xls + Fluorite xls

Cholla Cat Mine, Alamo District, Buckskin Mts., La Paz Co., Arizona / USA Orange-yellow highly lustrous tabular crystals of up to 8 mm. Together with orange-red Vanadinite crystals. Grown on a matrix of violet Fluorite crystals of 1 cm. Pretty specimens with a rare paragenesis from a new find. KS 28,00; NS 48,00

# Zincocopiapite xls

Muzhijevo Mine, Berehove, Berehivskyi, Transcarpathia / Ukraine This rare Zinc-Iron-Sulfate forms pale yellow tabular crystals, very rich as dense crystal aggregates, on a matrix of light pink to white needle Dietrichite crystals. Nice specimen from a rare locality. KS 38,00

# Zincovoltaite xls

Muzhijevo Mine, Berehove, Berehivskyi, Transcarpathia / Ukraine High lustrous olive-green crystal aggregates of up to 5 mm. On a matrix of light pink to white needle-like Dietrichite crystals. Pretty specimens of the rare Zinc Iron Potassium Sulfate from a rare locality. KS 65,00 If you are looking for others of my rare minerals, please look on to my website.

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