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Subject: Excalibur List #20605

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Our last list for the year includes a number of newly approved species, several great rarities, and our usual assortment of one-of-a-kind specimens from old collections. All specimens subject to prior sale; read on!

ABRAMOVITE- Kudriaviy Volcano, Iturup Island, Russia
Repeat of a sellout! This NEW SPECIES occurs as a minute metallic aggregate under 1mm across, here mounted on a 1cm slide for study. A new and rare indium-containing metallic phase, formula: $Pb_2SnInBiS_7$, triclinic, IMA #2006-016. Studied material from the type locality, only a few available @ 275.00 each.

ACHAVALITE- Cerro de Cacheuta, Mendoza, Argentina
A rare and obscure mineral, achavalite is offered here as extremely tiny single grains mounted on pedestals, individually analyzed with resulting weight percents provided for each sample. An Fe-selenide from the type locality, most showing minor Cu and Pb as well, small boxed samples @ only 55.00 each.

AENIGMATITE- Vesteroya, Sandefjord, Norway
Large crystalline masses of relatively pure aenigmatite comprising matrix. These are old specimens obtained over thirty years ago and recently uncovered in our warehouse, matrix sizes ranging from about 3cm to nearly 5.5cm across @ 25.00, 40.00 and 60.00 each.

AFGHANITE- Casa Colina Q., Pitigliano, Tuscany Italy
Afghanite occurs as clear to almost opaque, colorless to white blocky small but sharp crystals scattered in a vuggy matrix. An interesting cancrinite group mineral from this locality collected about 10 years ago, each specimen will probably yield several nice afghanite micros, and these show an obvious fluorescent response under both SW and LW, too! Matrix sizes from about 2cm to nearly 5cm @ 20.00, 30.00, and 45.00 each.

ARTSMITHITE- Funderburk Prospect, Pike Co., Arkansas
Repeat of a sellout: This NEW SPECIES, the first Hg-phosphate mineral ever described, occurs as extremely small, fibrous to matted pearly white aggregates and needles very sparsely scattered on matrix, typically associated with cinnabar, quartz, calomel and possibly other phases. Formula: $Hg_4Al(PO_4)_2(OH)_2$, IMA-approved (I am happily a junior author on this one!). Named for Art Smith who brought the material to me for analysis, only a few small samples up to 1.2cm on hand, all requiring magnification and priced according to coverage @ 75.00, 100.00, 125.00 and 150.00 each, the top ones with an Art Smith signed label.

BICCHULITE ps @ GEHLENITE- Fuka, Bicchu-cho, Okayama Pref., Japan
This rare member of the sodalite group forms greyish compact masses, occasionally mixed with minor calcite and unidentified Ca-hydrosilicates and usually replacing gehlenite, here from the type locality. The pseudomorphs are not visibly evident, but several gehlenite relics were observed and confirmed by both XRD and IR spectroscopy. Rich specimens, sizes range from about 2cm to 5cm across @ 20.00, 35.00 and 55.00 each.

BRITVINITE- Langban, Varmland, Sweden

A NEW SPECIES from this prolific locality, occurring here as isolated, water-clear platelets from 1mm to 2mm across with very strong adamantine luster, typically in calcite/hausmannite matrix. Formula:

+xMg_{4.5}[(Si,Al)₅₀₁₄](BO₃)(BO₃,AsO₄)(CO₃)(OH,O)₇, with x <0.5, triclinic, IMA # 2006-031. Named for Russian mineralogist Sergey Nikolaevich Britvin (b. 1965), a specialist in mineralogy of carbonatite and skarn deposits and meteorites. Type locality material, offered here as small grains in <2mm matrix specimens @ 125.00, or as larger (4mm-6mm) matrix specimens @ 175.00 each. Only a few available!

CANCRINITE- Cancinite Hill, Dungannon, Ontario, Canada

Cancrinite occurs here as rich yellowish masses scattered in calcitic matrix, typically associated with dark blue sodalite and possibly other phases. A moderately attractive combination from a prolific locality, specimens from about 2cm to 8cm across @ 8.00, 15.00, 25.00, 40.00 and 65.00 each, depending on overall size and coverage.

CLINOPHOSINAITE- Tsentral'nyi Mine, Khibiny, Kola, Russia

From a new find in Mt. Rasvumchorr, this material is far superior to the first described Khibiny specimens, occurring here as moderately rich, pale lilac to nearly colorless pink masses reaching 15mm in some samples! Typically impregnated with tiny grains of red villiaumite, this weird silicate-phosphate is offered in a range of sizes from about 2.5cm up to nearly 6cm across @ 75.00, 100.00, 130.00 and 165.00 each.

COVELLITE- Lily Mine, Pisco Prov., Ica Dept., Peru

From the locality better known for its "Andean Opal", we have a small lot of rather rich, dense, massive electric blue metallic covellite, intergrown with minor pyrite, quartz and possibly other phases. The material is quite heavy and takes an excellent polish, sold for lapidary use starting at \$100 a pound! Our samples are rough chunks from 4cm to 11cm across, certain to turn your hands black when handling, offered at just 20.00, 35.00, 50.00 and 75.00 each. A few specimens with one cut face and lightly buff polished, 5cm to 10cm across the face @ 30.00, 55.00 and 80.00 each

CURETONITE- nr. Golconda, Humboldt Co., Nevada

Minute, pale green masses and aggregates of this rare, one-locality species very sparsely scattered on matrix, some intergrown with white barite. From the original find by Forrest Cureton, with a personally signed label, matrix sizes from 1.5cm to 6cm @ 25.00, 40.00, 65.00 and 85.00 each. The last of the stock!

DEWINDITE with TORBERNITE- Shinkolobwe, Katanga Province, Zaire

Now the Congo, these are type locality specimens offered as excellent micromounts comprised of bright yellow, platy dewindite with thin, platy, pale green underlying torbernite as well. Ex-Julius Weber material and provided with his label, only four micromounts available @ 100.00 each. Wonderful uranium rarities!

DIAMOND (Octahedral Twin!)- Seguela, Western Province, Ivory Coast

A wonderful small specimen comprised of a pale yellow, transparent flattened octahedral twinned crystal, without matrix, of course. Looking very much like a stacked pair of macles, this is a unique and interesting specimen, measuring about 6x5x3mm and weighing 0.66 carats at just 185.00, with great micro potential, too! (Shipping on this one is available to USA addresses only per Kimberley Process requirements! Diamonds from this locality may

soon be banned altogether per the US State Department, so get this one while you can!)

EPHESITE- nr. Postmasburg, Griqualand-West, Rep So Africa
Platy, micaceous crystalline aggregates of this rare mica with typical, vibrantly rich pinkish hue very well scattered on matrix, some with dark brown glassy aggregates of manganiferous diaspore. Old material from the Gloucester Mine at this classic locality, specimens from about 1cm to 6cm specimens @ 10.00, 20.00, 35.00, 55.00 and 85.00 each. Attractive!

FLUORAPATITE in CARBONATITE- East Nathace Hill, Tundulu, Malawai
An unusual carbonatite lot collected by famous mineralogist/geologist E.W. Heinrich many years ago, these complex specimens consist of a massive carbonatite matrix, comprised primarily of fluorapatite grains, pinkish granular ankerite, calcite and quartz (all EDS confirmed by us). The carbonatites at the locality have been well-studied, with the apatite-carbonatite intruding in late Jurassic-early Cretaceous periods. Excellent and unusual reference material from this uncommon occurrence, sizes from 2cm to nearly 5cm across @ 7.50, 15.00 and 25.00 each.

FOOTEMINEITE- Foote Mine, Cleveland Co., North Carolina
This NEW SPECIES, a roscherite group phosphate, occurs here as minute, glassy yellow crystals and groups delicately perched on feldspar/muscovite matrix. Formula:
 $\text{Ca}_2\text{Mn}_2+[\text{Mn}_2+2\text{Mn}_2+2\text{Be}_4(\text{PO}_4)_6(\text{OH})_4\cdot 6\text{H}_2\text{O}$, triclinic, IMA #2006-029.
Good micro specimens, type locality, of course, but only a few choice 2cm to 3cm specimens available @ 200.00 each.

GUIMARAESITE- nr. Piaui R, Itinga, Minas Gerais, Brazil
This NEW SPECIES occurs as lustrous, brown spherical aggregates of tabular crystals, occasionally overlaying additional tabular aggregates of the same species. Microprobe work has shown the outer edges of the crystals to be this new, Zn-dominant phase, while the cores are Mg-rich, near zanazziite in composition. Perhaps an unfortunate and confusing name selection, as an old, discredited mineral of an entirely different composition was also called by this name. Formula: $\text{Ca}_2(\text{Zn}, \text{Mg}, \text{Fe})_5\text{Be}_4(\text{PO}_4)_6(\text{OH})_4\cdot 6\text{H}_2\text{O}$, monoclinic, IMA #2006-028. Type locality and author's material, excellent micromount potential in these small microprobed samples, 0.6cm to 1.4cm @ 75.00, 95.00, 135.00 and 155.00 each, depending on quality and coverage! Note: Much of the material found on eosphorite over feldspar has been found to be zanazziite, not this new phase; caveat emptor!

HARMOTOME with APOPHYLLITE- Korsnas, Vaasa Province, Finland
An old specimen, ex-F. Mecke Collection, comprised of numerous greyish white short columnar crystals of harmotome fully scattered and covering matrix, the underside of the specimen showing the unique yellow, slender dipyramidal apophyllite crystals from this old lead deposit. A classic, rarely offered today, size about 9x5cm @ 100.00.

HETEROSITE- North Groton, Grafton Co., New Hampshire
Unusual specimens of this phosphate mineral, obtained many years ago! Colorful magenta colored crusts of heterosite richly coat a matrix of a brownish phosphate assemblage, sizes from about 1.5cm to nearly 5cm across @ 15.00, 35.00 and 50.00 each.

ILMENORUTILE pseudo @ ILMENITE- Kaskasnyunchorr Mt., Khibiny, Kola, Russia
Strange pseudomorphs consisting of brown fine grained ilmenorutile after pseudo-hexagonal lamellar platy ilmenite rosettes, most 1cm or more in diameter. Not especially large, but intricate and well-documented pseudo's (see Yakovenchuk's Khibiny book) from this interesting locality. Specimens average 1.3cm to

2.6cm @ 25.00 and 35.00 each. Only six available!

JUNITOITE- Christmas Mine, Gila Co., Arizona

Nice, sharp platy microcrystals and thin crystalline plates of colorless to white junitoite are scattered over a skarn matrix. Possible associations include kinoite, ruizite, etc. Good coverage in these older stock specimens, 3cm to 8cm @ 15.00, 25.00, 40.00 and 60.00 each.

KOZOITE-(La)- Mitsukoshi, Hizen-cho, Saga Pref., Japan

Transparent to translucent minute pinkish balls and spherules of lustrous kozoite-(La) sparsely scattered in cavities of greyish olivine basalt matrix. Type locality material, quite distinctive under the microscope and more attractive than the Nd-dominant phase at the locality, specimens averaging about 2.5cm, each with a pinpointing arrow @ 125.00 per specimen.

KOZOITE-(Nd) pseudomorphs- Mitsukoshi, Hizen-cho, Saga Pref., Japan

Minute, pale pink, dull, fine grained aggregates from 1 to 3 mm of kozoite-(Nd), here as pseudomorphs after lamellae of earlier lanthanite-(Nd), perched in small seams in a greyish olivine basalt matrix. This locality is adjacent to the type, also at Hizen-cho near Karatsu City, and specimens show sparse but readily visible masses, all with arrows, with overall matrix sizes ranging from 1.5cm to nearly 3.5cm with commensurate coverage @ 95.00, 120.00 and 150.00 each.

MAGNESIORIEBECKITE- Franklin, Sussex Co., New Jersey

An old timer from this famous locality, here as a large specimen showing richly scattered, pale blue fibrous magnesioriebeckite covering two sides of a relatively flat hand specimen. Ex-Gary Grenier Collection, pictured in the second edition of the Photographic Guide to Mineral Species, overall size about 11x8cm @ 125.00.

METASTIBNITE- Steamboat Springs, Washoe Co., Nevada

An unusual species occurring as pinkish red masses scattered on white sinter matrix. Very old material recently uncovered in our warehouse, matrix sizes from 2.5cm to 5cm @ only 8.50, 12.50 and 20.00 each.

MONAZITE- Madioamby, Madagascar

An old Ward's specimen (accompanied by their label) comprised of a sharp, medium brown single crystal without matrix, standing 2cm tall with good prism faces and nicely terminated at one end. Rarely seen in this size or quality and weighing 5.7 grams of pure monazite, only one available @ 125.00.

MONTDORITE- Le Mont Dore, Puy de Dome, France

This rare mica occurs here at the type locality as extremely minute, greenish platelets sparsely scattered in pale greyish perialkaline rhyolite matrix. Not much to look at, but classic material from the type locality, small specimens from about 5mm to nearly 1.8cm @ 15.00, 30.00 and 55.00 each.

MORIMOTOITE- Fuka, Bicchu-cho, Okayama Pref., Japan

Minute black aggregates of this relatively new and extremely rare species sparsely scattered in matrix, typically with wollastonite, calcite etc. A rare garnet, available only as a few small matrix specimens from 1cm to 1.7cm @ 95.00, 125.00 and 150.00 each; type locality, of course, and microprobe-confirmed.

MULLITE- Nijar, Almeria Province, Spain

Occurring in a schist like matrix with small red garnet crystals, mullite, an aluminum rich silicate, appears as rich opaque white masses and silky aggregates, constituting much of each specimen. Basically unattractive rocks, these are excellent representative

examples of this uncommon species. Sizes from 1.5 cm to nearly 5 cm @ 15.00, 30.00, and 45.00 each; one superb 10x5 cm cabinet specimen @ 100.00.

NAMANSILITE- Woods Mine, nr. Tamworth, NSW., Australia

An unusual sodium manganese member of the pyroxene group, we have excellent namansilite specimens occurring here as thin, dark red crystalline veinlets cutting through matrix. Studied material, consisting of slabs and end cuts clearly displaying the dark red namansilite veins, specimens from 2.5cm to nearly 15cm(!) at 25.00, 45.00, 75.00, 100.00, and 125.00 each.

NESQUEHONITE- Restivalgues, Massif Central, France

Found at several different localities around the globe, the unusual magnesium bicarbonate nesquehonite occurs as whitish, opaque crusts on rock, edging towards botryoidal in habit at this French locality. Rich coverage on at least one side of each specimen, sizes from about 3 cm to 6 cm @ 30.00, 55.00 and 80.00 each; a few monsters to 18x6cm @ 250.00.

NIFONTOVITE- Fuka, Bicchu-cho, Okayama Pref., Japan

Nearly pure, colorless to brownish white glassy masses of this rare borate species largely comprising matrix, occasionally with minor dull white calcite from the underground workings. A rare, former one-locality species, overall sizes from about 1cm to 3m @ 35.00, 50.00, and 75.00 each, with a few larger to 5cm @ 125.00 each.

NORRISHITE- Hoskins Mine, Grenfell, N.S.W., Australia

Black micaceous masses of this relatively new species scattered in/on matrix. A rare Mn-end member mica-group mineral obtained more than fifteen years ago from the type locality, sizes from 1cm to 4cm @ 20.00, 35.00, 50.00 and 65.00 each, depending on overall size and coverage.

OTAVITE- Tsumeb, Namibia

From the Julius Weber-Lou Perloff collections, we have a few small specimens of otavite, offered in standard micro boxes and typically as pearly white masses nicely scattered over green smithsonite matrix, often with micro azurite and/or tsumebite. Attractive, old stuff, specimens average 0.6cm to 1.8cm @ 90.00, 125.00 and 165.00 each, depending on quality.

OTTENSITE- Qinglong, Quizhou Province, PR China

This NEW SPECIES occurs as tiny brownish single grains without matrix, here from the type locality, of course. Formula: $(Na,K)_3(Sb_2O_3)_3(SbS)_2 \cdot 3H_2O$, hexagonal, IMA # 2006-014. Named for Bert Ottens, this is analyzed material from the author, only a few <1mm specimens available @ 125.00 each.

OVAMBOITE- Tsumeb, Namibia

This exceptionally rare mineral was approved more than a dozen years ago but remained unpublished for some time, and it is now available for only the second time. The mineral occurs as minute inclusions in a gallium-rich germanite, typically associated with galena and possibly other phases. We have ONLY ONE specimen on hand as 1.5cm polished ore sample in a 2.5cm probe mount, accompanied by pinpointing SEM backscatter image plus full quantitative chemistry! Formula: $Cu_{20}(Fe,Cu^{2+},Zn)_6(Ge,As,Ga)_6W_2S_{32}$ - IMA # 1992-039, @ 500.00

PARNAUITE- Cu Stope, Majuba Hill, Pershing Co. Nevada

Bluish green to green crusts and flattened aggregates of this interesting and uncommon copper mineral nicely scattered on typical Majuba rock matrix. From the original find, we have a modest supply of type locality material, sizes from 2cm to 6cm @ 10.00, 20.00, 30.00 and 45.00 each, depending on size and

quality.

PENTAHYDROBORITE- Fuka, Bicchu-cho, Okayama Pref., Japan
Unremarkable but rare material from the second reported locality for the species! Pentahydroborite is found here in the underground mine as sugary, white, fine grained masses with a strong vitreous luster from this prolific Japanese locality. Just recently confirmed by XRD and IRS, available as surprisingly large and relatively pure matrix specimens from 1cm to nearly 4.5cm @ 20.00, 35.00 and 55.00 each.

PODLESNOITE- Kirovskii Mine, Khibiny, Kola, Russia
This NEW SPECIES occurs as excellent, water-clear, micro prismatic crystals up to 3mm tall well scattered in radiating groups and clusters nicely perched on matrix. Many are doubly terminated and highly vitreous, often sitting among well formed natrolite crystals, some with minute but perfect clusters of ilmenite as well. Formula: $BaCa_2(CO_3)_2F_2$, orthorhombic, IMA #2006-033. The mineral is also nicely fluorescent pinkish orange under SW UV, and is named for Aleksandr Semenovich Podlesnyi (b.1948), Russian amateur mineralogist and professional miner. Type locality, of course, for this new structural type (space group Cmc21) remotely related to carbonates of the aragonite group. Well crystallized, fine micro's and fluorescent as well: what could be better for a new species? Specimens range from about 2cm to 4cm across @ 125.00, 150.00 and 175.00 each, depending on overall quality and size.

POKROVSKITE w/ CALLAGHANITE- Basic Refractories Mine, Nye Co., Nevada
Rounded grains of white pokrovskite are interspersed with blue callaghanite over the surface of these samples. Good micro potential for this unusual association material, sizes from 1cm to 2.5cm @ 12.50, 17.50, 25.00.

PYROXMANGITE- Sterling Mine, Ogdensburg, New Jersey
Another rarity from this prolific area, this sample shows numerous small pods of pale pink pyroxmangite well scattered in matrix, associated with calcite, black willemite etc. Ex-Gary Grenier Collection and pictured in the second edition of the Photographic Guide to Mineral Species, a relatively large specimen, overall size about 11x6cm @ just 95.00.

RODALQUILARITE- Joe Shaft, Tombstone, Cochise Co., Arizona
Pale yellow green flattened aggregates of this rare tellurium mineral scattered on rock matrix, occasionally with other species. From the famous discovery of about 35 years ago, then only the third world locality. We have specimens from 1.5cm to 9cm across @ 10.00, 20.00, 35.00, 50.00, 75.00 and 100.00 each.

SAHAMALITE-(Ce)- Mountain Pass Mi, San Bernadino Co. California
Found in the Sulfide Queen orebody, we have obtained only a few specimens of this rare species, occurring here at the type locality as light brown masses in fine intergrowths with bastnaesite-(Ce), in calcite carbonatite with quartz and goethite. Confirmed by microprobe, XRD and IR spectroscopy and missing from many reference collections. Sizes average about 2cm across @ 185.00 each. Only three available, all with arrows!

SCHORLOMITE- Afrikanda Massif, Kola Peninsula, Russia
One of the more uncommon garnets, here as relatively well-formed rhombododecahedral crystals to 1cm or so, perched in massive black schorlomite with minor diopside, calcite etc. Unlike many black andradites, these are legitimate schorlomite garnets, averaging 13wt% TiO_2 , and these are offered as complex matrix specimens from about 2.5cm to 4cm @ just 30.00 and 45.00 each.

SMITHSONITE- Sheshodonnell East Mine, Co Clare, Ireland

These bright, greenish yellow botryoidal smithsonites look like the classic "turkey fat" specimens of old, here from a Victorian lead mining prospect near Carron at The Burren, now relegated to a relatively barren waste pile. The color is purportedly a result of trace cadmium, and the typical associations are limestone and occasionally minor fluorite. Colorful but not spectacular specimens with otherwise good coverage, sizes range from about 2cm to nearly 5cm across @ 8.00, 15.00 and 25.00 each, depending on quality. Wonderful locality reference material!

SOKOLOVAITE- Dara-i-Pioz, Tadjikistan

Another relatively NEW SPECIES from this prolific locality, and a new cesium mineral occurring as tiny inclusions in pectolite and quartz matrix. Formula: $CsLi_2AlSi_4O_{10}F_2$, type locality material and IMA-approved (2004-012). Two types are on hand: 1) specimens as pure single aggregates about 1mm across embedded in a 1.8cm probe mount, accompanied by at least one SEM image and full quantitative chemistry with X-ray spectra @ 165.00 each, or a larger 1.4cm matrix sample with associations, also embedded in a probe mount with identifying SEM images etc @ 250.00!

SOLONGOITE- Fuka, Bicchu-cho, Okayama Pref., Japan

This rare species occurs here in the underground limestone mine as fine grained, starkly white aggregates, typically with minor white calcite evident as an impurity. Only recently confirmed by XRD and IR spectroscopy from this, the second (?) reported locality for this borate! Only a few confirmed samples available, sizes range from about 1.4cm to nearly 2.8cm @ 45.00, 60.00 and 75.00 each.

SPODUMENE var: HIDDENITE- Salinas, Minas Gerais, Brazil

From a large lot of cutting rough, we have obtained a number of interesting, translucent to transparent, very pale green spodumene samples without matrix, most as pure cleavages or partial crystals of this Cr-rich spodumene. Some are rather gemmy, and are offered as specimens from about 1cm to 2cm tall (weighing anywhere from about 4 carats to 15 carats each), priced at 5.00, 8.50 and 12.50 each. Special: 100 carat, hand-selected transparent lots @ just 95.00 per lot!

SPURRITE (lilac!)- Fuka, Bicchu-cho, Saga Pref., Japan

Although a prolific mineral here, at Crestmore, and elsewhere, these are quite interesting in that the spurrite is a wonderful lilac-purple color and comprises much of the entire matrix of each specimen, occasionally with subordinate amounts of colorless calcite and/or wollastonite. Neat, colorful stuff, specimens from about 3.5cm to 5cm across @ just 35.00 and 45.00 each.

STEVENSITE with SAPONITE- Cuero Meteor Crater, DeWitt Co., Texas

This ugly stuff is pale beige to pinkish grey masses comprising matrix, shown to be a non-descript mixture of these two smectite group minerals. Typical species representation from an interesting locality, but with "a face only a mother could love". Specimens from 1cm to 4cm across @ 4.00, 10.00 and 20.00 each.

SYNCHESITE-Ce & BASTNAESITE-Ce- Central Core, Chilwa Island, Malawi

Another uncommon carbonatite assemblage of pale pinkish tan synchesite-Ce with admixed bastnaesite-Ce occurring as altered pods well scattered in a very dark brown siderite carbonatite matrix. Collected by famous mineralogist/geologist E.W. Heinrich many years ago, this unusual carbonatite assemblage has been subsequently studied in detail, our EDS work confirming the Ce-dominant nature of the rare earths found here, with relatively high proportions of Nd found in some samples. Interesting reference material, specimens from about 2cm to nearly 6cm across @ just 10.00, 20.00 and 35.00 each.

SZOMOLNOKITE on HALOTRICHITE- Markey Mi, Red Canyon, San Juan Co. Utah

This unusual species occurs as dull tan masses and crusts on white to yellowish fibrous halotrichite on matrix. Coverage is quite rich but quite ugly nonetheless, with specimen sizes from 2cm to 6cm @ 12.50, 20.00, 30.00 and 45.00 each. One 8x4cm specimen @ 60.00.

TAKEDAITE- Fuka, Bicchu-cho, Okayama Pref., Japan

This relatively new mineral, a calcium borate, [Ca₃B₂O₆] occurs as greyish white dense aggregates of minute grains, often with intermixed calcite and an unidentified minor borate mineral impurity, comprising matrix. From the type locality for the species in the underground workings, suprisingly large, analyzed (XRD/IRS) specimens from about 1.4cm to 3.5cm specimens @ 35.00, 55.00 and 80.00 each; remarkable 6cm specimens @ 150.00 each. Only a few available! Stay tuned for more Fuka material in our next list!

TANGEITE (CALCIOVOLBORTHITE)- Monument #1 Mine, Navajo Co., Arizona

Bright green crystalline aggregates of tangeite (formerly calciovolborthite) richly scattered over rock matrix, some with good micro potential. Excellent locality material, generous matrix sizes from 2.5cm to 7cm @ 15.00, 25.00, 40.00 and 60.00 each

TEEPLEITE- Borax Lake, Lake Co., California

This uncommon mineral occurs as white crystalline masses and aggregates, occasionally as tabular intergrowths associated with massive trona nad/or halite. Not particularly attractive but from a well known occurrence at the type locality for the species, specimens from about 2cm to 4.5cm @ 15.00, 25.00 and 40.00 each; one 7x6cm specimen @ 95.00.

TELLUROBISMUTHITE- Mangfallberg, Boliden, Sweden

This uncommon mineral (Bi₂Te₃) occurs here as grey metallic scales and foliated masses richly comprising matrix, typically admixed with granular metallic tetradymite in this gold-bearing sulfide ore. Ex-Cureton specimens, quite rich and dense, sizes from about 2.5cm to 8x5cm @ 20.00, 40.00, 60.00 and 85.00 each.

TENORITE- Fremont District, Hidalgo Co., New Mexico

From old material colelcted in teh 1960's, we have a small lot of black dendritic tenorite well scattered on hard rock matrix, some with minor secondary copper staining evident as well. These were erroneously believed to be Mn-oxides, but EDS showed them to be rather interesting, fern like flattened growths of tenorite! Specimens range from about 2.5cm to 7cm across @ 7.50, 15.00, 25.00 and 45.00 each. One larger 10x7cm sample from the Memphis Mine @ 65.00.

THOMSONITE w/ MESOLITE etc.- Burnt Cabin Creek, Wheeler Co., Oregon

Excellent colorless rectangular blades of tiny thomsonite crystals richly filling exposed seams and vugs in a Miocene olivine basalt matrix, most showing tiny, needle-like sprays of mesolite and occasionally chabazite as well. Collected in the 1970's at this old locality, the specimens are modestly attractive and with excellent micro potential as well. Sizes range from about 2.5cm to 8cm across @ just 8.50, 15.00, 30.00 and 50.00 each, depending on size and coverage. One 14x9cm specimen @ 95.00.

TIEMANNITE- Deer Trail Mine, nr. Marysvale, Utah

This unusual mercury-selenide occus as greyish to black metallic masses sparsely scattered on calcite in pale greyish rock matrix, occasionally with other unidentified and included phases. Old material from this prolific Piute County area; sizes from 1.5cm to 6cm @ 15.00, 25.00, 40.00 and 65.00 each, depending on size

and coverage. One large 9x6cm sample @ 95.00.

TILLEYITE- Crestmore Quarry, Riverside Co., California
White cleavages of tilleyite with bluish calcite and gehlenite matrix, occasionally with minor vesuvianite as well. An uncommon mineral from this classic locality, specimens range from about 2cm up to monster 14x10cm cabinet specimens @ 8.50, 15.00, 30.00, 50.00 75.00 and 100.00 each.

TINZENITE- Manganese Mine, Oberbalbstein, Switzerland
Massive to granular crystalline orange tinzenite occurs richly disseminated throughout this specimen. Good reference specimens for this unusual member of the axinite group, and found near the type locality for tinzenite. Ex-E.W. Heinrich material, sizes range from about 5cm to 7.5cm across @ 50.00 and 75.00 each.

TRIPUHYITE on CHALCEDONY- McDermitt Mine, Humboldt Co., Nevada
This iron antimony oxide mineral occurs as bright lemon green masses and crusts on a white chalcedony quartz matrix. Nice looking material, as crusty minerals go, and excellent both for the locality and for tripuhyite, sizes from about 2cm to nearly 5cm across @ 20.00, 35.00 and 50.00 each.

VESUVIANITE (pink!)- Jeffrey Mine, Asbestos, Quebec, Canada
Attractive, pale pink to lilac colored micro vesuvianite crystal groups richly covering matrix, these purportedly deriving their color from a manganese-rich chemistry. These will yield fine micro's if broken up, or neat thumbnails as they are, with vivid color and high luster evident. Sizes of each micro group averages about 1.5cm at only 10.00 each! Limit one per customer, please!

WEEKSITE- Anderson Mine, Yavapai Co., Arizona
Bright yellow masses of minute, drusy weeksite scattered in seams and on chalcedony matrix, some with minor carnotite or other admixed secondary uranium minerals. Colorful material, matrix sizes from 2.5cm to 8cm @ 12.50, 20.00, 35.00 and 50.00 each.

WULFENITE with VANADINITE- Mibladen, Anti Atlas, Morocco
Found among a pile of material from the Julius Weber Collection, we have a box of deep red, small wulfenites as micro crystal groups on matrix, most associated with similarly colored vanadinite as well, some on minor barite. Wonderful combination specimens likely from more than forty years ago, each neatly tucked into a paper filled clear micromount box but not physically mounted by the "good doctor" himself as time just ran out! Specimens average about 1cm+, all quite colorful, only 5.00 each or three (3) for 12.50!

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<http://www.mineralnews.com>
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