



PACIFIC NORTHWEST CHAPTER BULLETIN

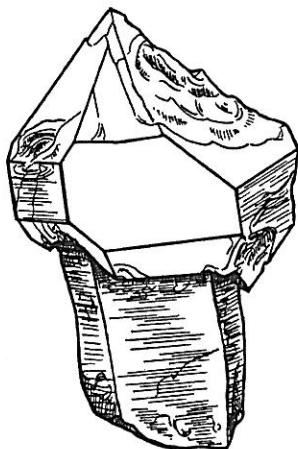
PNWFM DONATES TO NORTHWEST MUSEUMS

The PNWFM Board voted at its meeting in November to donate \$1000 to the Pacific Mineral Museum in Vancouver, B.C. and \$400 to the Rice Museum of Rocks and Minerals in Hillsboro, OR. The funding is to be used for the acquisition of Pacific Northwest minerals for their collections.

The motion was first made at the General Meeting held at the Symposium in September to donate \$1000 to each museum for specimen acquisition. A friendly amendment was accepted to have the Board review the club's financial status insuring that one year's budget expenses and symposium costs were preserved and then to allow the Board to approve appropriate funding.

Earlier in 2000, PNWFM donated \$600 to the Rice Museum for materials to build an FM case to house rotating displays, many by PNWFM members. After a review of the clubs financial status the Board voted to donate \$1000 to the Pacific Mineral Museum and \$400 to the Rice Museum to bring it's total 2000 donations also to \$1000.

Preservation of key Northwest material is consistent with the stated goals of FM. Members of PMWFM should be proud of their generous contributions. Members are encouraged to visit both museums to view their fine displays.



RUDY TSCHERNICH WINS 2000 NOBLE WITT AWARD

Rudy Tschernich was awarded the 2000 Noble Witt Award at the Sunday meeting held during the Symposium in September. The award is presented annually by PNWFM to an individual who exemplifies its goals of promotion, education, and preservation of minerals and their study.

Rudy is a founding member of PNWFM. He is very active in the club, especially in organizing the annual symposium. He is a well known field collector specializing in zeolites. He authored the definitive work on zeolites and has a zeolite named in his honor, tschernichite. Rudy serves on the Rice Museum Board, was recently named associate curator, and will become full curator upon his retirement in 2003.

Rudy's name has been engraved on the permanent plaque on display at Rice Museum.

SYMPOSIUM 2000 NOTES FROM THE CHAIR

Over the 22-24th of September, many of the NW's most devoted mineral enthusiasts descended to the Day's Inn in Tacoma, Washington for the Pacific Northwest Chapter of the Friends of Mineralogy 26th annual Mineralogical Symposium and Show. Our theme for this year was the Minerals and Mines of Nevada. We had two primary Speakers for this years event, Walt Lombardo and Jane and Casey Jones. Walt gave two very well prepared and presented talks, the first on the Mineralogy of Nevada and the second on the Mineralogy of the Goodsprings Mining District (Walt also presented a short talk on Sunday morning describing the pegmatite minerals found near Las Vegas). The Jone's (www.geoprime.com) also presented two talks, both highlighting recent discoveries and titled, Specimen Recovery at Operating Mines: The Murray Mine and second, Specimen Recovery at Operating Mines: The Meikle Mine. The photos shown during these two talks truly impressed me, walk in pockets glittering with brilliant crystals of barite and calcite, beautiful.

These talks were held on Saturday during the morning and afternoon. More talks followed on Sunday morning during the What's New in the Northwest segment of the symposium. Friends of Mineralogy members presented these talks. First up was Sharleen Harvey speaking of the newest enhancements offered at The Rice Northwest Museum of Rocks and Minerals

(www.ricenwmuseum.org) in Hillsboro, Oregon, followed by Mark Mauthner speaking on Vancouver, B.C., Canada's newest museum, The Pacific Mineral Museum

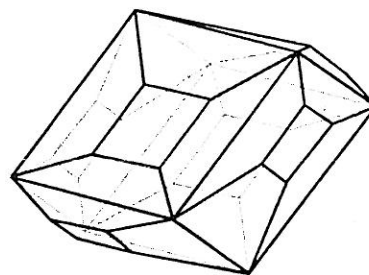
(www.pacificmineralmuseum.org). These talks were followed by a report from Lanny Ream (www.mineralnews.com) discussing his newest discovery of the fantastic heulandites and mordenites coming from the Green Hill Claim in central Idaho. Next up was Ray Hill who spoke passionately on the virtues and joys associated with actively preserving our hobby. After a small break our last Speaker of the day, Art Soregaroli, approached the podium to give his talk, Update of the Zapot Claim: the Lola Claim. All of these Sunday morning talks, while being of short duration, were none the less very well prepared and presented. A Friends of Mineralogy business meeting followed and then the good-byes as the tear-down began, another years symposium come and gone.

But before we turn out the lights and lock the doors on this years event there's still lots of other excitement to share with you! Friday began with our setting up displays and moving everyone into their rooms. In the main room we had the displays as well as 3 exceptional Floor Dealers who all offered superb mineral specimens from the world over, they were Harvey Gordon (Sierra Contact Minerals), Jim McEwen (Lehigh Minerals) and Rob Belcher (The Aesthetic's Underground). The displays were from our main Speakers, the Rice Northwest Museum of Rocks and Minerals, The Pacific Mineral Museum, and from our own members, approximately 20 exceptional cases of minerals were presented. We also had Silent Auctions running throughout the symposium and a highly spirited FM Benefit Auction held just prior to Saturday evenings banquet dinner and awards ceremony. We had our Micro-room open and offering it's own programs on Mineral Identification and How to Mount your own Micro Specimens which proved to be quite popular with both symposium participants and visitors. Over 2 dozen satellite dealers attended the show and offered a wonderful array of minerals from the world over.

Among the treasures offered for sale were some exceptional Tsumeb minerals (angelsites and azurites), Mexican Minerals (wulfenites and smithsonites), Montana, Butte and Black Pine Mine minerals (covellite, pyrite, etc.), Fossil Corals from Florida (new material recently collected), Epidote and quartzes from the Green Monster Mine of Alaska, rare Washington Pass minerals (including a new incredible find of up to 1/2 inch zektzerites less than a month old) and the typical outstanding array of NW quartz's and zeolites.

Only one thing was missing this year; you. I wish you could have been there, we had a terrific time! Next years Symposium will be in the Longview/ Kelso area at the Red Lion Inn in Kelso. We're moving to a bigger, nicer facility and we'll save a spot for ya. Take care,

Ex-Symposium Chair, John Cornish



PNWFM 2000/2001 OFFICERS

PRESIDENT - Sharleen Harvey
2309 SW 1st Ave #2142, Portland, OR 97201-5080
503-248-4194
bill-sharleenharvey@worldnet.att.net

VICE PRESIDENT - Jim Etzwiler
3935 Interlake Ave N, Seattle, WA 98103-8131
206-633-1512
james.a.etzweiler@boeing.com

SECRETARY - John Lindell
25714 268th Ave SE, Ravensdale, WA 98051-9774
425-432-4939
lindell4@aol.com

TREASURER - Cheryl Burchim
35903 N Redstone Dr., Benton City, WA 99320
509-588-8395
jim-cheryl@pipestone.com

2000 FM SYMPOSIUM DISPLAYS

described by

Raymond Lasmanis

ray.lasmanis@wadnr.gov

This year's theme was "Minerals of Nevada" with many of the exhibitors making an extra effort to showcase material from that state. Due to spectacular finds of barite crystals from a number of localities in Nevada over the last two years, many of the cases featured barite giving our symposium a second theme. There were 17 cases in total, including two from our Pacific Northwest museums.

Mark Mauthner set up a display of six specimens from the Pacific Mineral Museum. In my opinion, because I like barite, the best Nevada specimen on display at the symposium was a 10"x14" group of clear, golden, lustrous, 1" to 1 1/2" barite xls. from the Meikle mine, Elko Co., NV (#RB373), the Beaty Collection, and a faceted golden barite (#PMM741) from the same mine. Also from the Meikle mine, on display, there was a very large group of 4"x10" golden barite xls. radiating out from a rounded 8"x10" matrix of bladed calcite xls. (#PMM740). As spectacular, the case contained a 4 1/2" x 5 1/2" solid mass of small gold xls., Lokel mine, Winnemucca, Humboldt Co., NV (#RB99), the Beaty Collection, and two other specimens from the locality: a pretty 1 1/2" group of 1/4" to 3/8" gold xls. and a smaller specimen (#RB97).

Sharleen Harvey, our PNWFM President, displayed 14 specimens from the Rice Museum of Rocks and Minerals. The case presented a feast of color and crystal perfection. The center was graced by a 10"x12" curving group of brightly iridescent chalcocite xls., Flambeau mine, Rusk Co., WI. In contrasting color, the case contained a very colorful sphaerocobaltite specimen from Shaba, Zaire. There was a lovely specimen of green apophyllite xls. with white stilbite xls., Poona, India and a lustrous, classic, of up to 7" long, stibnite xls., Iyo, Japan. A 3" x 3 1/2" compound azurite xl. from the Czar mine, Bisbee, AZ was the best American classic. From Nevada we saw the following: a 1"x2" specimen of stibnite xls., Manhattan, Nye Co.; two specimens of

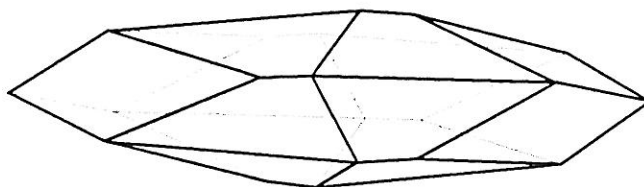
opalized wood, Virgin Valley, Humboldt Co.; a 2 1/2" x 3" specimen coated by shiny clinoclase xls., Majuba Hill mine, Pershing Co.; a 4" long epidote xl. group, Lola claim, near Hawthorne, Mineral Co.; spessartine xl. in cavity, Garnet Hill, Ely, White Pine Co.; and, a thumbnail of mcdermittite xls. (to date, not published), Mc Dermitt mine, Humboldt Co. The eye grabber was an intensely colored group of deep green, 2" microcline (var. amazonite) xls. with black, lustrous quartz xls. on a 6"x10" matrix from Teller Co., CO.

Lorna Goebel presented 42 Nevada minerals from her species collection. There was placer gold from Eureka Co.; gypsum from several localities; spessartine garnet from Garnet Hill, Ely, White Pine Co.; sulfur from Steamboat Hot Springs, S. of Reno; and, many others. From the Getchell mine, Humboldt Co., there were specimens of orpiment, getchellite, and realgar. The Majuba Hill mine, Pershing Co., was well represented by goudeyite, pharmacosiderite, zeunerite, agardite-(Ce), chalcantite, and strashmirite.

Bill and Sharleen Harvey showed us 18 of their favorite specimens. Arranged in groups of three by species, their case was very showy. Three specimens of barite included a 3 1/2" x 4 1/2" group of xls. from the Meikle mine, Elko Co., NV. Of the calcite xls., the most interesting was a 4"x8" group of 1 1/2" x 2 1/2" "poker chip" xls. from Charrcos, Mexico. Of the beryl xls., there was morganite and aquamarine from Brazil and a beautiful 1 1/4" x 4 1/2" heliodor xl. from the Ukraine. All three tourmaline groups were lovely with the most attractive one a 1 1/2" x 2" tall blue-green xl. on albite/lepidolite matrix, Paprok, Afghanistan. The case contained three very colorful rhodochrosite xls. from Colorado, South Africa, and Peru. The Northwest was represented with 1 1/4" x 1 1/2" pyrite cubes and associated quartz xls. from the Spruce claim, King Co., WA.

Walt Lombardo, one of our featured speakers, brought display material to complement his presentation. The case had 15 Nevada specimens ranging in size from 1 1/2" to 5". In the center was an old classic: two 3/8" to 1/2" stephanite xls. on a 1 1/2" x 2" matrix from Lander Hill, Austin, Lander Co., collected by traveling doctor Nicol between

The Board of Directors of the Rice Museum has appointed Rudy Tschernich as assistant curator of its collection. He will assist curator Sharleen Harvey until he retires from the Post Office in 2003. At that time he will become the full curator. The position is voluntary and without pay.



1860 and 1870. The specimen was in the U.S. National Museum (#114580) and the collection of Steve and Susie Smith. There was a group of 8 simple and twinned orthoclase xls., Crystal Pass, Goodsprings dist., Clark Co.; coarse pharmacosiderite xls. on 2"x3" matrix, Majuba Hill mine, Pershing Co.; an outstanding 2" x 4 1/2" group of 2" golden barite xls., Northumberland mine, Nye Co.; and, a 3" x 4 1/2" smoky quartz xl. with spessartine xl. inclusions from the Newberry Mtns., Clark Co. Rarer minerals shown were: kleinite, Cordero mine, Humboldt Co.; credite, Cyprus Moly mine, San Antonio dist., Nye Co.; pottsite, Linka mine, Lander Co.; and, schuetteite, Silver Cloud mine, north of Battle Mtn., Lander Co. My favorite was sparkly cuprite xls. on 4"x4" matrix, Nevada Consolidated mine, Kimberley, White Pine Co.

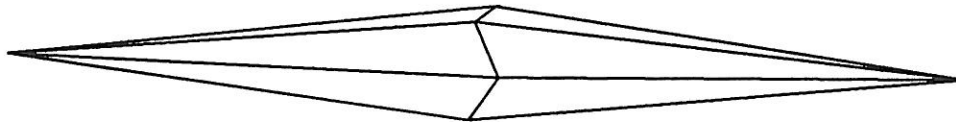
Casey and Jane Koepp Jones of Geoprime also brought material to illustrate their presentation on specimen recovery efforts in active Nevada mines of Anglo Gold, Barrick Gold, Hecla Mining, Glamis Gold, Kennecott Minerals, Meridian Gold, and Newmont Gold. They were also responsible for recovering the beautiful chalcocite xls. from the Flambeau mine (Ladysmith, Rusk Co.) in Wisconsin. In fact, the case held three superb 1 1/2" to 4" chalcocite groups of thick individual xls. from their personal collection. There were 9 Nevada specimens shown: three attractive specimens of drusy quartz coating 3/4" to 1 1/2" single white barite xls. ("sugar cube barite") on a dark matrix, Zone 4, Level 175, Murray mine, near Elko, Elko Co.; also from the Murray mine, 8" long stibnite xl. group and 2" to 3 1/2" stibnite sprays on "sugar cube barite"; from Level 1075, Meikle mine, near Elko, Elko Co., a clear twinned 4" calcite xl., lovely transparent 2 1/2" x 2 3/4" transparent golden barite xl. group, and two faceted stones; 1" yellowish barite xls. on 4"x4 1/2" matrix, Dee mine, near Elko, Elko Co.; and, a large 6"x8" matrix specimen with miargyrite, Rosebud mine, near Winnemucca, Humboldt Co.

For those of us who are aficionados of Washington minerals, John Lindell did not disappoint us. John presented 40 of his best of twinned quartz xls. from 20 years of collecting in King County. The case contained Japan Law and Reichenstein-Griesental

Law (R-G) twins from all of the well known localities. His earliest Japan Law twin was collected 5/11/80 from Green Ridge (#31). In 1981, John extended his collecting to Bald Hornet on Mt. Si where velvety tourmaline is associated with the quartz (#35), and on to such localities as the Twin Zone, Hansen Creek on 8/10/85 (#724), and during this year, on 5/6/00, a cute 1 1/2" Japan Law twin from Mt. Teneriffe (#2774). The case also contained twins from lower Denny Creek, Devil's Canyon, Big Chief, Pedro Pipe, and an unusual xl. with chlorite/actinolite inclusions and associated anatase from Silver Peak, collected 8/21/88 (#1929). The center piece was a 4"x5" (one side) Japan Law twin with single 1/2" to 3" quartz xls., all on 10"x15" matrix, Green Ridge, collected 10/24/87 (#1204). My personal favorite was the rare and perfect R-G twin of two joined 1 1/2" xls. on 4"x5" xl. matrix, collected 5/11/89, Mt. Teneriffe (#1042).

To illustrate his Sunday lecture, Rudy Tschernich, displayed outstanding specimens from Green Hill, Custer Co., ID, from a locality discovered by Lanny Ream in 1999. The case contained 6 spectacular specimens: 14" to 20" diameter "geodes" lined by chalky mordenite on which are perched contrasting, shiny, salmon pink, 3/4" to 1" heulandite crystals (#11430, 11432, 11434, and 11435). Undoubtedly, these are the best heulandite specimens from North America. There was also a specimen of lighter colored heulandite xls. (#11433) and a 15" "geode" with fine mordenite needles projecting into the cavity and covering the heulandite xls. (#11431).

Harvey Gordon displayed material from the Zapot claim, Nevada and the Lola (formerly Julie) claim, from near Hawthorne, Nevada. Sunday morning Art Soregaroli gave us an update on these two producing localities. Harvey displayed 13 specimens from the Zapot claim: pale green to bluish green topaz xls. up to 4"x5"; black to smoky quartz xls. from 2 1/2" x 3 1/2" individual xls. to 1" xls. on feldspar matrix; a very large 4 1/2" x 5" smoky quartz xl.; and, microcline, var. amazonite, xls. up to 4 1/2" x 5". There were interesting photos of the clay filled collapsed pocket before excavation and a photo of a 48.5 cm group of topaz xls. The large topaz xl. groups present at the Tucson show have disappeared



and are considered stolen; keep your eyes out. For photographs of some of these, see *Mineralogical Record*, Vol. 31, May-June 2000 issue. The case also contained four beautiful, up to 6" long, shiny epidote xl. groups from the Lola claim.

A case featuring 21 barite specimens was presented by Jim and Rusty Etzweiler from well known locality states such as Colorado, Illinois, S. Dakota, and Tennessee as well as from Mexico, Peru, and Scotland. From Nevada, the centerpiece was a beautiful 4 1/2" x 5" specimen with 1/2" to 3/4" golden barite xls., Meikle mine, Elko Co. and smaller barite xls. from the Northumberland mine, Nye Co. From WY there was a nice 2" cluster of dark brown barite xls., Red Pryor Mtn. The Northwest was well represented by the following: two xl. groups, Rock Candy mine, near Grand Forks, B.C.; golden barite xls., Carter Co., MT; up to 3/4" xls., Willow Creek, Custer Co., ID; 3/4" golden xls. on 3"x3" matrix, Indian Head Rock, Jefferson Co., MT; and, dark, 1/2" to 3/4" xls. in a 2" x 2 1/2" group, Butte, MT.

Ray Lasmanis put in a case with a Nevada theme which included old U.S.G.S. Bulletins on the Manhattan district and Majuba Hill mine, antique carbide lamp, blasting cap tin, an original Brunton (c. 1894 used by the first Washington State Geologist), and my K&E Brunton, c.1963. In the center of the case was an old classic: 1/8" to 1" long stibnite xls. totally covering 5"x10" matrix, White Caps mine, Manhattan district, Nye Co. (Department of Natural Resources, Geology & Earth Resources specimen) and from Ray's collection, a 3"x3" specimen with 1/2" thick, 2" long stibnite xls. from the same mine (#2530). The case had three quartz specimens:

1 3/4" x 4" smoky xl. with muscovite, Incline Village, Lake Tahoe, Washoe Co. (#2079); a 4"x4" amethystine scepter head, Crystal Tips claim, Peterson Mtn., State Line Peak district, Washoe Co. (#2127); and, chocolate colored 3/8" xls., on 3"x5" matrix, Bonanza zone, Golden Eagle mine, Flowery district, east of Virginia City, coll. 6/15/95 (#2786). Other specimens from NV were: olivinite micro crystals, Tin stope, Majuba Hill mine, Pershing Co., coll. 2/8/86 (#2361); pink alunite, Ruby Hills, NE of Goldfield, Esmeralda Co., coll. 3/19/75 (#1956);

bright red cinnabar, Silica pit, Steamboat Hot Springs, south of Reno, coll. 2/5/84 (#2261) and from near the Silica Pit, a 4" x 4 1/2" specimen of sulfur xls., coll. 2/5/84 (#2262) from a fumerole opened up by Ray and Cheryl Burchim and later mined commercially for specimens; gold micro xls. on jasperoid, Mid pit, Cortez Gold mine, Cortez, Eureka Co., coll. 2/15/72 (#1792); and, piemontite in ash-flow tuff, Peavine Peak, Washoe Co. (#2787). Ray's oldest specimen was a group of 3/4" orthoclase phenocrysts, Crystal Pass, Goodsprings (#845) and acquired from Don Fraser in 1958 by trading away his stamp collection for a set of minerals. The case had two recently acquired specimens: a 1"x4" group of epidote xls. from the Lola claim, near Hawthorne, Mineral Co. (#2936) and a greenish, lustrous, 2" x 2 3/4" topaz xl. (excavated 10/23/99), Zapot claim, near Hawthorne, Mineral Co. (#2947) and purchased 2/12/00 in Tucson.

Corky Russell also had a case featuring 17 Nevada specimens: from the Zapot claim, near Hawthorne, Mineral Co., he had two gemmy clear topaz xl. fragments (#CR0030) and a 2 1/2" black quartz xl.; from the Getchell mine, Humboldt Co., a 1 1/2" x 2" realgar specimen (#CR0061); four 2" clear to 4"x5" dark, smoky, amethystine, scepter quartz xls., Peterson Mtn., Washoe Co. (#CR003 and CR0075); and, eight precious opal specimens preserved in water from Virgin Valley, Humboldt Co. (#CR0004).

A case titled "Barite from Nevada & the American West" was shown by Bill & Diana Dameron. The case contained 25 specimens presented in a very professional way. Nevada was well represented by recent finds over the last few years: two specimens of drusy quartz-coated white barite xls., and a very unusual 2" skeletal xl. partially coated with stibnite needles, all from Murray mine, near Elko, Elko Co.; a 4" group of 1" light brown xls., Dee mine, Elko Co.; a single 2" blocky xl. and two white, joined 1" xls., Hecla's Rosebud mine, Pershing Co.; clear, thin, golden 1/2" xls., Carlin Trend, Eureka Co.; 1" to 2" xls., some with phantom inclusions, Meikle mine, Elko Co.; and, a dark, doubly terminated, 2 1/2" long xl., Northumberland mine, Nye Co. The case had a great collection of Colorado specimens: a 3 1/2" single, golden xl. from Sherman Tunnel, Leadville; a very nice 3"x4" group of bluish xls.,

The Northwest Lapidary Arts and Mineral Museum is in the process of disbanding. FM was a participant in the original formation of this organization. Jim Etzweiler has been appointed to represent PNWFM in whatever action the NLAMM decides.

Its not too early to begin considering worthy candidates for this years Noble Witt Award. Members with nominations should contact any Board member with their suggestion. The Board will vote near the end of the summer on this prestigious award.

Leeson pocket, Stoneham, Weed Co.; perfect, transparent 1" x 3 1/4" clear xl., Book Cliffs, Mesa Co.; and other localities such as Irene Shaft, Black Cloud mine, Lake Co., Muddy Creek, Rio Grande Co., Black Girl mine, Ouray Co., and, Hartsel, Park Co. Other well known localities such as Elk Creek, SD, Magma mine, AZ, Palos Verdes Estates, Los Angeles Co., CA, and Mex-Tex mine, NM, were represented by beautiful specimens. From Utah the case had a clear 1 1/2" x 2 1/4" thin barite xl. on a 4" calcite xl., Emery Co. From the Northwest, there was a 3" x 3 1/2" group of bladed, honey-colored xls., Pack Rat claim, Carbon Co., MT and an outstanding 3"x 5" group of white barite xls. on a quartz xl., Spruce claim, King Co., WA.

John and Gloria Cornish had a case labeled "Minerals of Mexico" with nearly all 30 specimens from Chihuahua. A description of my favorites follows: from Santa Eulalia, a very unusual specimen of 1/2" to 5/8" long, thin, quartz xls. having a very dark, small, scepter termination and all partially enveloped in calcite xls., Mina San Antonio and others from that mine such as a 10"x18" specimen of sphalerite coated by botryoidal smithsonite (Level 8), very bright green smithsonite 1/4" rounded xls. on 4 1/2" x 5" dark cavernous goethite matrix (Level 8), and from Level 14, quartz/sphalerite/arsenopyrite/calcite xls. in a 6" x 12" group. From the oxide zinc orebody, Level 16, Potosi mine, Santa Eulalia, there was a very nice specimen of up to 3/4" hemimorphite xls. projecting into a chalcophanite lined 3 1/2" cavity and also from the Potosi mine, three specimens with 3/8" to 1/2" small bright yellow wulfenite xls. on calcite xls. From the Concepcion d'Oro, Zacatecas, John displayed a very nice group of 1/2" bright azurite xls. on 1 1/4" x 2 1/2" matrix.

Of the three cases put in at the symposium by Taylor Hunt, the first one contained 35 specimens of the tourmaline group minerals. All colors were there, from black, to brown (Yinnietharra, Western Australia), through green, pink, and all combinations. From North America there was a specimen of a 3/4" x 3" black xl. frozen in quartz from Newry, Maine and a 6" x 10" black mass of acicular xls., Yukon Ter., Canada. There were 5 assorted pink to green xls. from Mesa Grande, CA

and numerous beautiful and colorful xls. from Minas Gerais, Brazil (specific loc. not given).

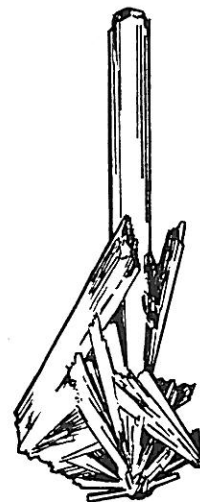
Other tourmalines of interest were: a nice terminated 1 1/4" x 3 1/2" xl. from Lake Baikal, Russia; a transparent, tea-colored 3/4" x 3" terminated xl. from Antsirabe, Madagascar; and, a unusual specimen of a black 2" xl. with an attached red garnet xl., Gilgit, Pakistan.

The second case contained eighteen, 1 1/2" to 3 1/2" long crystals of aquamarine; all from Minas Gerais (no specific localities given) and Gilgit, Pakistan. On the upper shelf, from Gilgit, there was a 6"x8" group of 1" to 3" thick xls.; transparent, beautiful group of 1 1/2" to 2" long terminated xls. in a 3 1/2" x 4 1/2" group; and, a large, flat 7" diameter xl. on matrix. The most transparent, gemmy xls. were from Minas Gerais: a single 1"x3" xl.; a group of three "pencil" xls. up to 3" long; and, two 1" xls. on the side of a 2 1/2" smoky quartz xl.

The third case of Taylor Hunt was a special exhibit of fossil vertebrates from Oligocene in age to the last Ice Age (Pleistocene). The most impressive specimen was a well prepared and restored saber tooth cat skull, *Smiledon fatalis*, La Brea Tar Pits, Los Angeles Co., CA, age 10,000 to 12,000 years before present (YBP). From the Ural Mtns., Russia, there was a very large skull of a cave bear, *Ursus uralensis*, 37,000-43,000 YBP. Other Ice Age fossils were: bison jaw from Kansas; and, bison horn and a woolly mammoth tooth from Fairbanks, Alaska. In the front of the case there was a small, perfect, 2 1/2" x 4" deer skull, *Leptomeryx sp.* from the Oligocene of White River, WY.

I want to express my appreciation to everyone who contributed towards the great displays. For additional information on Nevada minerals, you should get a copy of *Rocks & Minerals* magazine, Vol. 74, No. 6, November/December, 1999.

R.L. 10/2/00



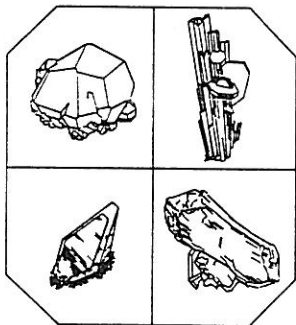
The membership flyer has been updated by Jim Etwiler. It has recently been distributed at the Seattle Regional and other local shows. Those wishing copies for distribution should contact Jim.

SYMPOSIUM 2001

Plans are well underway for this years Symposium. Contracts have been signed for 2001,2002, and 2003 to hold the show the last weekend of each year at the Red Lion in Kelso, Washington. The motel is just off of I-5 and well situated between Portland and Seattle. Costs were held down by signing for several years in advance. The facility is well suited to our show and should provide an excellent venue.

The theme for the 2001 Symposium will be "Rainbow of Minerals". Sharleen Harvey will act as the chair. John Cornish will serve as speaker chair and MC. Rudy Tschernich will again be dealer chair. Jim and Rusty Etzwiler will organize the auctions. Others wishing to volunteer should contact Sharleen for assignments.

The Symposium Committee will meet in conjunction with the Board meeting at the Red Lion in Kelso on March 17th. This should give them the opportunity to examine the new show site and begin logistical planning.



Elections will be held later this year to elect new PNWFM officers for a two year term. Rudy Tschernich will chair the nominating committee to seek out candidates. Members should contact him as soon as possible with recommendations.

2001 CALENDAR

February 8-11 Tucson Gem and Mineral Show with 22nd FM-TGMS-MSA Mineralogical Symposium, "Minerals of Russia", held Sat. the 10th. Annual meeting of National Friends of Mineralogy Board of Directors.

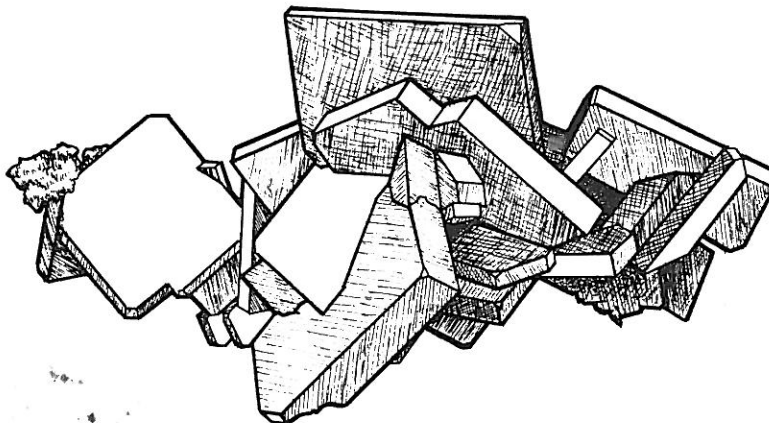
March 17 PNWFM Board Meeting combined with 2001 Symposium Committee Meeting at the Red Lion, Kelso, Washington - 1:00pm. All members invited to attend.

June 16 General Membership Meeting and Program hosted by the Pacific Mineral Museum, Vancouver, British Columbia. The PNWFM Board and the 2001 Symposium Committee will also meet. Time and details to be come.

August 10-12 Annual Washington Pass Campout and Cleanup. Contact Cheryl Burchim for camp reservations.

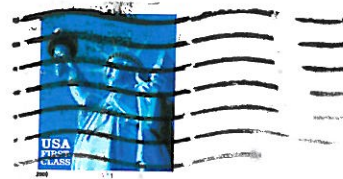
September 28-30 PNWFM Symposium 2001 featuring the "Rainbow of Minerals" at Red Lion, Kelso, WA. Speakers, dealers, auctions, displays, banquet, competitions, micromount study room, Noble Witt Award, and more. Details to come.

The president will soon be contacting members to serve on an auditing committee to review club accounts for the year 2000. This is to be done each year as prescribed by National ByLaws. Since treasurer, Cheryl Burchim has recently moved to Benton City, WA, the committee will be formed of members east of the mountains.





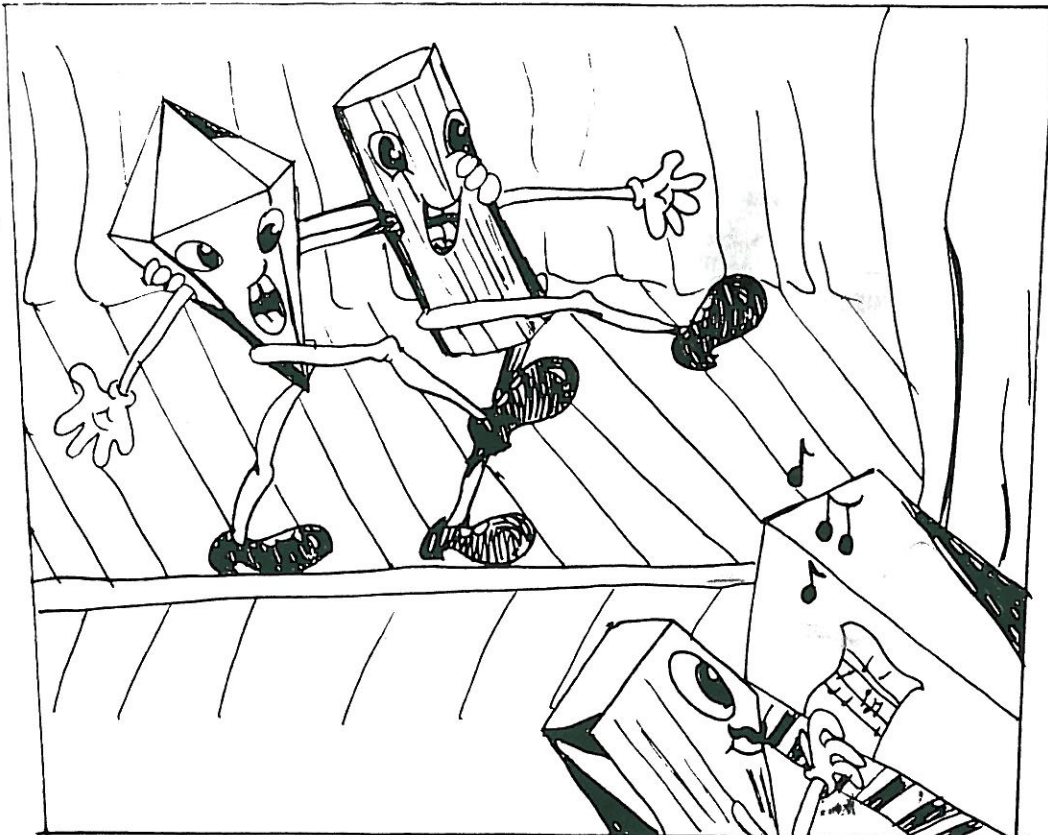
PACIFIC
NORTHWEST
CHAPTER



John Lindell, Secretary
25714 268th Ave SE
Ravensdale, WA 98051

2000
[REDACTED]
[REDACTED]
[REDACTED]

9803BX7463 04



"the Rocketts"

© Jaima Lindell