

Pacific Northwest
Chapter



NEWSLETTER

NOVEMBER 1991

PRESIDENT'S MESSAGE

Dear friends and fellow collectors,

Most of my time since our last meeting has been spent in three distinct areas. The first is trying to familiarize myself with the club. This is my first stint as an officer with FM and I have been going over the local and national chapter by-laws, perusing old club records, and talking with previous and current officers to get a feel for what the club is all about and how it operates.

The second area of effort has been in trying to structure an organized management framework within our local organization. I've had numerous conversations with other officers and active members, as well as an informal meeting with Ray and Cheryl, to try to define our areas of responsibility and our working relationships. I have a partial list of committee chairpersons ready and hope to have a full slate ready for club approval at the January meeting. It is important that these positions be filled as soon as possible, as we need committee input on budget proposals for 1992. I hope to run the year with an operating budget and would like to have a budget ready for review by the membership at the January meeting.

The third area of activity has been the most enjoyable. With the ultimate goal of bringing the club back to the membership in the field, I have been organizing interim social gatherings for club members. There are three "members only" events on the fall calendar. There could have easily been a dozen more. I am pleased that I did not receive a single "no" in soliciting hosts for club events. Our single restriction was finding suitable dates on the calendar. We already have enough tentative hosts, collecting trips, and work parties planned to carry us through the spring. I hope that every club member will find one or two attractive activities on each newsletter calendar.

I hope to see you at one of the upcoming gatherings. Please plan to attend the January meeting. We have a full agenda of business to take care of. We'll try to have some fun as well. If you have any ideas or would like to volunteer your efforts, please call me (Phone # on pg.5) any time. If you have criticisms or don't like the way something is going, please feel equally free to call me. I can't change something if I don't know it needs fixing. Let's have some fun this year.

Keep Rockin',
John

SYMPOSIUM 1991

by
Ray Lasmanis

The 17th annual Pacific Northwest Chapter mineral symposium was a resounding success. Our featured speakers, Vandal T. King, Cal Graeber, and Rob Belcher, were outstanding. Vandal probably had the most difficult task: describing the differences between the various tourmaline-group minerals. His lecture was informative and interesting. Having collected from New England pegmatite, I found Vandal's talk on Northeast tourmaline localities very interesting. Cal's presentation on San Diego county pegmatites was very thorough. One can not help but be impressed by the large number of gem-bearing pegmatites in that region. Considering the numerous specimens now available from Afghanistan, Pakistan, and Brazil, Cal's talk on worldwide tourmaline localities was very timely. Rob took the audience through a travelogue of Minas Gerais and then a field trip to the Benedito mine; both are in Brazil. He provided some insight on how gem crystals reach the mineral market.

Sunday morning traditionally consists of presentations covering new developments in the Northwest. This year was no exception. The speakers were Rudy Tschernich, Bob Jacson, and Rick

Dilhoff. Rudy gave an outstanding slide presentation on the geology and mineralogy of the Jaquish/Hwy 30 road cut just south of Goble, OR. Bob and Rick combined their presentations and covered new developments at the Rock Candy mine north of Grand Forks, B.C., and the Hallelujah Junction locality straddling the Nevada-California state line. Bob has been actively developing both properties. At the Rock Candy mine the second level was opened two years ago and during the 1991 season the lower level was opened. Lots of pockets (1-10cm) there contain barite crystals and complex, rounded "gum drop" fluorite crystals. The Hallelujah Junction locality claim, formerly operated by Foster is now being developed by Jackson with heavy equipment. Large quartz scepters were recovered at this site in 1991.

Rick also described his most recent trip to the Royal British Museum. To the delight of his audience, Rick took us though the "back rooms" and cabinets of the museum to share with us photos of



Figure 1. FM left a good impression with the Sherwood Inn.

a handful of the fine minerals found in Great Britain and other classic localities, of which at least one is in Washington.

Three competitive events were held during the symposium. The best slide competition was won by Rick Dilhoff with his slide of realgar from the Royal Reward mine, King County, WA. The best self-collected mineral specimen consisted of 2.5" to 3" amazonite crystals and 1.5" smoky quartz crystals on 12"x12" matrix from Mineral County, NV, collected in August, 1991 by Harvey Gordon. Hey, Colorado,

look out for some rival specimens!! The best case competition was won by John and Kirstin Lindell. Their case contained the best quartz crystal specimens in groups from most of the famous localities of Washington. Even though the symposium theme was tourmaline, the membership votes came in appreciation of the arduous and tenacious work by John over a period of ten years to collect these superb specimens. (More on the Lindell case in the following pages.)

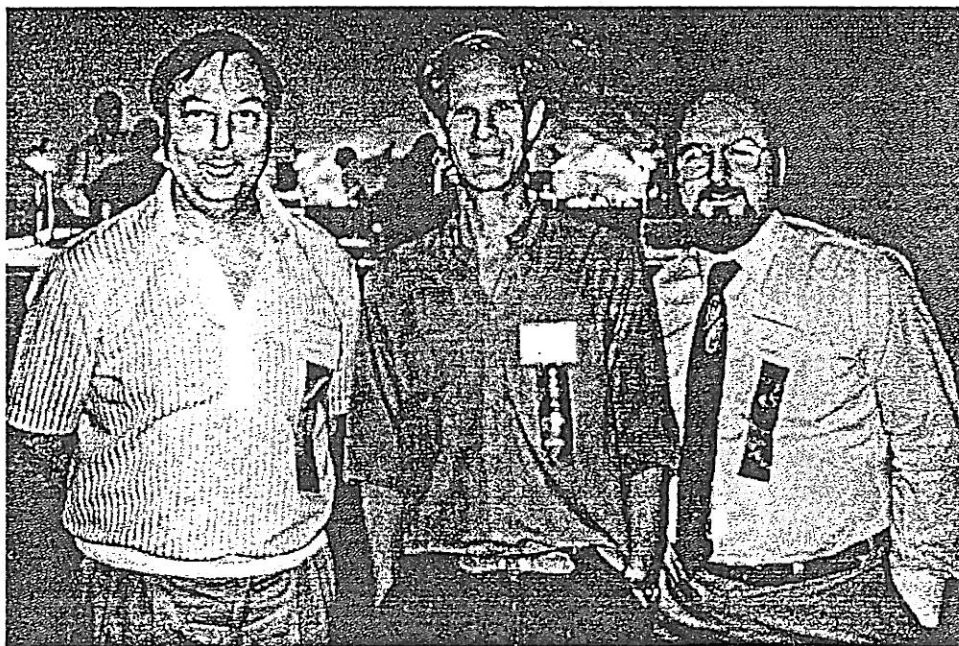


Figure 2. 1991 Symposium speakers, left to right: Cal Graeber, Rob Belcher, and Vandal T. King

Close runner-up for the best case was Rob Belcher's display of colorful tourmaline crystals and their faceted counterparts.

Although the best self-collected specimen was from Nevada, there were submissions of Northwest material such as: a 3.5" X 6" group of 2" quartz crystals, Pedro pipe, King County, WA. (Carl Harris, 1989); calcite and quartz crystals; a 1.25" arfesonite crystal, Washington Pass, Okanogan County, WA. (Lorna Goebel, 1986); a 1.75" fossil clam with the interior lined by drusy quartz and golden calcite crystals, Twin Rivers quarry, Clallam County, WA. (John Cornish, 1991) and 3" x 5" specimen with natrolite and calcite crystals from Springfield, OR. (collected in the 1960's).

There were several cases devoted to the theme mineral, tourmaline. Joan and Bryant Harris had an outstanding case featuring tourmaline from San Diego County localities. Not only were most districts represented, but the case contained unusual specimens such as tourmaline color etching, and a pseudomorph after tourmaline. Displays by Ray Lasmanis, Robert Smith, Ed and Nancy Godsey, Mike Groben, Al and Sue Liebetau, and Lorna Goebel all featured tourmaline.

A few words about the other displays. The prize for the largest specimen goes to Deanna and Wayne Sorensen. They had a 24" x 36" slab covered by .75" to 1" green fluorite crystals from the Deer Trail mine, Marysville, UT. Imagine the logistics of treating that one with hydrofluoric acid! Rick and

Tad Dilhoff displayed galena-sphalerite and associated minerals from the Tri-State and Viburnum mining districts. There was a beautiful display by Arliss Martin, and the Liebetraus exhibited materials acquired during their recent trip to Kongsberg, Norway. There was a crocoite display (Red Lead mine, Tasmania) by Jack Frost. Susan and Dan Ice displayed their calcite crystal collection. Another case contained pegmatite minerals from Maine and New Hampshire, as well as minerals of the Lockport Dolomite from New York. The best educational case was by Laurence Huestis. His display featured thumbnail minerals containing the rarer elements.

For those interested in Northwest minerals, there was lots to see. Rudy Tschernich had a dynamite case of zeolites from Washington and Oregon. Most specimens were from the Jaquish Road - Hwy 30 cut. He also displayed 1.75" stilbite crystals from Trouble Creek Ridge, S. Fork Toutle River, Cowlitz County, WA; scolecite from Elk Mountain, Cowlitz County, WA; 1.5" chabazite crystals, variety phacolite, on 5" matrix from the new Springfield quarry, Springfield, OR; and mesolite, thompsonite and chabazite from Oxbow Dam, Baker County, OR. The winning case by the Lindells contained crystals or groups from each of the following localities: Snow White claim, Okanogan County, WA; from King County, WA, the Pedro pipe, Green Ridge, Spruce claim, Bald Hornet claim, Mt. Teneriffe, the Big Chief, and Denny Mountain; grossular garnet and prehnite, Vesper Peak, Snohomish County, WA; Red Top, Kittitas County, WA; Hell Roaring Lake, Custer County, ID; Edna lake, Boise County, ID; and Veta Grande, La Paz County, Arizona. The most unusual quartz specimen in Lindell's case was a Reichenstein-Grieserntal law twin from Mt. Teneriffe, King County, WA, collected 5-11-89 (specimen #1043). The twin plane (1011) and C-axis is inclined at 76° 26'. It is a 1" x 1" crystal on 4" matrix. My favorite specimen was their # 241 from Denny Mountain, King County, WA collected 7-19-81. It is a 1.5" x 3.5" doubly terminated amethystine scepter overgrowth crystal with goethite inclusions and movable fluid inclusions on 7" matrix with quartz crystals as well as specular hematite.

Other cases featuring Northwest minerals included 5" x 12" geodes lined by drusy quartz crystals from Red Top, Kittitas County, WA; lovely 1"-long amethyst crystals including a .5" doubly terminated crystal from Hansen Creek, King County, WA; and zektzerite, Washington Pass, Okanogan County, WA collected by Mary and Kathryn Foster. Microscopic dravite crystals collected in 1986 were in a case by Lorna Goebel. Ray Lasmanis had 1" black Tourmaline crystals in pegmatitic matrix from Tunnel Creek, King County, WA. One case contained swartzite from Harney County, OR, nice reddish heulandite crystals from Skamania County, WA, and hisingerite from Cispus River, Lewis County, WA. Minerals from the Golden Horn batholith border phase (Washington Pass area) were featured by Randy Becker, The largest crystals in his case were smoky quartz, 2" wide by 3" tall; he also exhibited, transparent amethystine smoky quartz crystals (1" x 2") including crystals on microcline matrix; small green amazonite crystals in a 1" vug; calcite; a 3/8" microcline Manebach twin; a 1/16" fluorite crystal; amphibole var. crocidolite; and chlorite on microcline.

The symposium had four floor dealers with an outstanding stock of minerals. They were: Harvey Gordon Minerals, Mountain Minerals International (Dudley Blauwet and Kevin Ringer), Collectors Edge (Bryan and Kathryn Lees), and The McGuinness Collection (Mark McGunniss). For additional information on the floor and satellite dealers, see MINERAL NEWS vol.7 no. 10 (Oct. 1991), page 8.

Finally, thanks to all who helped make this symposium a resounding success.

ELECTION RESULTS

At the 17th annual symposium September 29th, 1991, the following officers were elected for a two-year term:

President: John Lindell
25714 268th Ave SE
Ravensdale, WA 98051
(206) 226-6395 (work - eves.)
(206) 432-4939 (home)

Vice-President: Mike Groben
1590 Olive Barber Rd.
Coos Bay, OR 97420

Secretary: Raymond Lasmanis
Suite 155, 800 Sleater Kinney SE
Lacey, WA 98503
(206) 459-6372 (work)
(206) 491-6893 (home)

Treasurer: Cheryl Stewart
P.O. Box 77
Ocean Park, WA 98640
(206) 665-6426

There were no write-in candidates.

TREASURERS REPORT

Beginning balance (June Newsletter)	\$557.78
<u>EXPENSES:</u>	
State of Oregon (Corp. Fees)	\$10.00
Lita Smith-Garet (T-shirts)	\$367.50
Postage (May - Sept.)	\$139.30
DNR (Rocks & Minerals mags.)	\$7.50
Capital awards (ribbons)	\$19.42
Mike Groben (phone bill)	\$181.35
Van King (speaker travel)	\$418.00
Ray Lasmanis (case rentals & exp.)	\$101.19
Sherwood Inn (1991 symp.)	\$1841.96
Cal Graeber (Speaker travel)	\$341.45
Ray Lasmanis (Rocks & Minerals)	\$110.00
Steel Eagle (T-shirt)	\$38.50
Ray Lasmanis (speaker meals)	\$59.58
total	\$3635.75
<u>DEPOSITS:</u>	
Interest	\$12.65
Misc.	\$4151.15
total	\$4163.80

ENDING BALANCE \$1085.82

This includes money made at the 1991 symposium. All expenses to date are paid. Thanks to all of you who attended and who were quick to jump in and help. This symposium made enough money to see us successfully through another year.

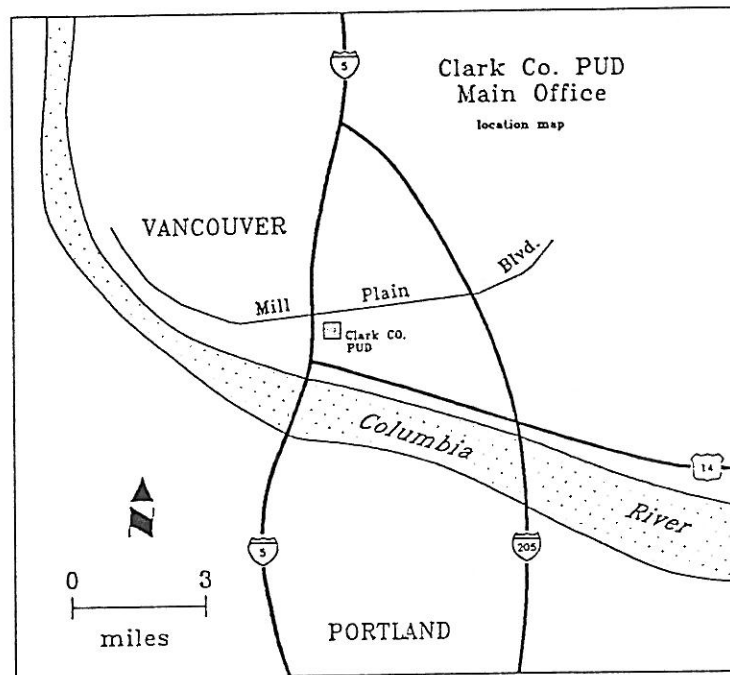
Cheryl Stewart
Treasurer

MEETING NOTICE

The next regular meeting of the chapter will be Saturday, January 11th, 1992, in Vancouver, WA. Planned schedule: 10:30 - program, 11:30 - business meeting, 12:30 - lunch break, 1:30-4:00 - committee meetings, socializing, trading.

Business agenda to include:

1. Committee appointments
2. 1992 operating budget
3. Declassification of locality index
4. Instructions to members attending the national meeting in Tucson
5. 1992 symposium - Theme, budget, committee appointments



DONATIONS TO THE CHAPTER

A number of corporations have a matching-gift program for non-profit organizations. The chapter would like to tap into this resource if possible. A recent example is a member's donations to our mineral auction. Sales brought in \$137.00, and his previous employer (he's now retired) will match that amount. Please check with your employer to see if such a program exists within your company.

CALL FOR PAPERS

Your newsletter is in the process of getting a face lift, The new president and secretary of the chapter have asked me to take on the duties of newsletter editor. This seems appropriate as I've been doing it for about 4 years now. I would like to get at least one good paper in each issue of the newsletter. If it's going to be my job to produce the newsletter, then it's going to be your job to supply me with the contents on time. I need the membership of this organization to feed me news, stories, and papers on any aspect of geology or mineralogy. If I can't rely on you to furnish me quality information to publish, then, please don't expect me to furnish you a quality newsletter. Please submit any news or article to me at the following address:

Division of Geology and Earth Resources
Mail Stop PY-12
Olympia, WA 98504
ATT. Carl Harris

CALENDAR OF EVENTS

NOVEMBER 16-17

"Holiday of Gems", Bellevue Rock Club show, Vasa Park, 2560 W. Lake Sammamish Parkway, SE Bellevue, WA. Admission cost unknown; open to the general public.

November 16

"Semantics" and Ken Robert's Minerals will co-host a special showing for FM members only at Semantics, 116 S. Washington, Pioneer Square, Seattle. Also on display will be a large selection of meteorites and possibly a collection of Canadian gold specimens. Space will be set aside for an informal FM gathering and discussion. Open to the general public until 5:00 pm and to FM members only 5:00 - 7:30 pm.

November 30

Rudy Tchernich will host an informal FM gathering at his home at 526 Ave A., #A, Snohomish, WA. Open for viewing will be his extensive zeolite collection, as well as his fine mining lamp case. Please feel free to bring zeolites for show and trade. Also, bring any unknown zeolites to be identified by the experts. FM members and invited guests only.

December 6-8

97th annual Northwest Mining Convention. The theme for this year's convention is "Mining Begins With Policy". This convention is tailored for the mining professional. If you are interested in attending please contact:

NORTHWEST MINING ASSOCIATION
10 N. Post, Ste. 414
Spokane, WA 99201-0772

December 7

Richard and Helen Rice will host a private showing of their mineral collection at their home at 26385 NW Groveland Drive, Hillsboro, OR. This is said to be one of the best collections in the Northwest, so don't miss this one time opportunity to see it. Coffee will be provided. Please bring a brown bag lunch.

To get there; go west from Portland on Hwy 26. 12 miles past the only tunnel, take the Helvetia Rd. exit. At the foot of the overpass, drive left onto Groveland Drive. go 1.2 mile to a flagstone home set back in the trees. Their home faces Hwy 26.

January 11

PNW Chapter Friends of Mineralogy winter meeting. See details in this issue.

February 12-16th

Tucson Gem and Mineral Show, and satellite shows, Tucson, Arizona.
National Friends of Mineralogy meeting.



PACIFIC
NORTHWEST
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#155 - 800 Sleater Kinney SE
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Bob Meyer
16239 NE 18th St
Bellevue, WA 98008

