

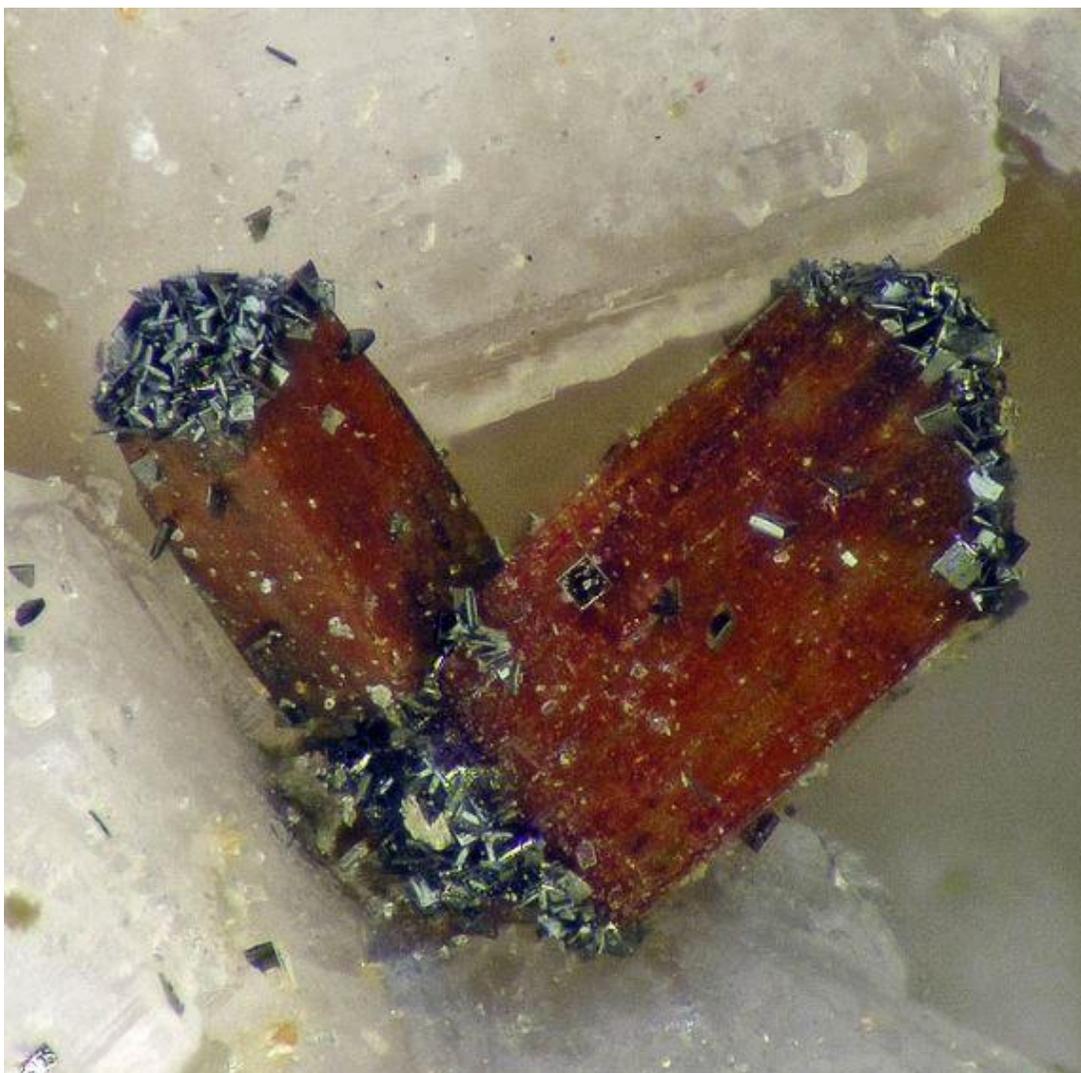


# PNWFM NEWSLETTER

## PNWFM 39th Annual Symposium Alkaline Intrusive Complexes of the World

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Anatase on Zircon, Washington Pass, 0.7mm, Bob Meyer photo

## PRESIDENT'S MESSAGE - Bob Meyer

Dear fellow mineral collectors, as we draw close to our 39<sup>th</sup> annual symposium and the end of my tenure as president, I took some time to reflect upon these past four years, and indeed on my years before as a member and past president. Out of this reflection, I have included a bit of "memory lane" to accompany this article. I hope you enjoy the images

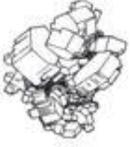
It has been a great pleasure serving as president of this group. One of the best parts of this past four years was working with, getting to know, and becoming better friends with the officers (past and present), board, and committee members.

I would like to express special appreciation to the officers of PNWFM. Our vice president, Ray Lasmanis, was a continual source of good advice during this period, especially impressive was his hard work in arranging displays and set-up. Our treasurer and my good friend Linda Smith must be thanked for her valiant effort in managing our organizational funds. Before Linda, our treasurer was Bill Dameron, who must be thanked for serving consistently for so many years. We must express thanks to our secretary, Karen Hinderman, who has served uninterrupted for close to 20 years, including serving with me many years ago when I was president in 1998-2000. Finally, I have to thank our board chair and past president Wes Gannaway, who has been a good and generous friend to me and to PNWFM. I could recount numerous stories and adventures shared with each of these individuals over the years. It has been my pleasure to work with them all.



Pacific Northwest Chapter  
Friends of Mineralogy  
Presents:

**SYMPOSIUM 98**  
24th Annual Mineralogical Symposium



PHOSPHATES,  
ARSENATES,  
VANADATES

September 25, 26, 27, 1998

Days Inn  
6802 Tacoma Mall Blvd.  
Tacoma, WA 98409  
(252) 475-5900

**Spring Symposium**  
(24<sup>th</sup> Annual Mineral Symposium)  
Pacific Northwest Chapter  
Friends of Mineralogy  
Presents the  
Second Mineral Symposium  
in Coeur d'Alene, Idaho

**Finding Minerals**  
Program and Information




Memorial Day Weekend  
May 28-30, 1999

**Coeur d'Alene Inn**  
West 414 Appleway  
Coeur d'Alene, Idaho

**Silver Anniversary  
Symposium**



Presented by the  
Pacific Northwest Chapter,  
Friends of Mineralogy

September 24-26, 1999  
Days Inn  
6802 Tacoma Mall Blvd.  
Tacoma, Washington 98409  
(252) 475-5900

**It's About Silver . . .**  
**Ag, Argentum,**  
Plata nativa,  
**Silber,**  
*ductile, absorbent, waxy,  
ductile and malleable,  
hackly, G. 10.1-11.1.*  
**Silver Minerals . . .**

**Proustite,  
Pyrargyrite,  
Stephanite,  
Xanthoconite, Kothite,  
Argentite, Boleite,  
Chlorargyrite, Diaphorite,  
. . . and Silver Mines**  
Guanajuato, Butte,  
Pribram, the Keweenaw  
Peninsula, Kongsberg,  
Silver Islet, Broken  
Hill, Freiberg.

Join us in our celebration of 25  
years of symposia as we explore  
the mineralogy of the world that  
has inspired man throughout  
history.

**Silver!**

Pacific Northwest Chapter Friends of  
Mineralogy extends a cordial invitation  
for you to attend.

**25<sup>th</sup>**



Our symposium committee deserves recognition. I recall well when I first became involved as a volunteer for PNWFM. I had been a member for a number of years, and attended one symposium that was plagued with technical issues (mainly AV—possibly after the loss of Noble Witt Award winner Norm Steele, who handled it flawlessly for so many years). I remember thinking that PNWFM should really do a better job of organizing the symposium. It was then I realized guiltily that the symposium and all other work done by the organization is done by people just like me—members! Yep, we're all members, and PNWFM is not our day job. So I did not have to look further than myself if I wanted to direct a complaint.

<p><b>The Micro Mineral Collector</b> By Bob Meyer</p>  <p>Figure 1: Rex Head Gold Crystal—Facets of big specimens have "The Dragon," here's a specimen offering for micro mineral collectors, a modified and tapered octahedron in the shape of a T Rex head. From the Michigan Bluff district, Placer County, California, USA. FOV=1.2 mm, from the Michael Smith collection. Robert Meyer photograph.</p> <p><b>Buy and Use a Good Microscope</b>—adapted from Neil Fettes</p>	<p><b>Utah &amp; Nevada 2010, A Field Trip—Part One</b></p>  <p>Bob Meyer on the rim of the Gory Hole, Gold Hill, Utah</p> <p>We left from Maple Valley on the afternoon of September 17, and began the long drive to Utah. Despite the fact that we had published the field trip in the PNWFM newsletter, not many members had</p>	 <p><b>Pacific NW Chapter Friends of Mineralogy Minerals of Australia 36<sup>th</sup> Annual Symposium &amp; Mineral Show</b> <b>October 15-17, 2010</b></p> <p>Red Lion Hotel, Kelso, Washington (40 minutes north of Portland, Oregon)</p>
		
		



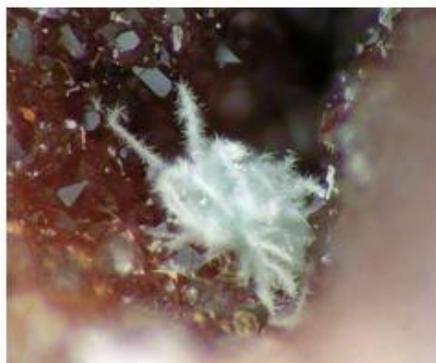
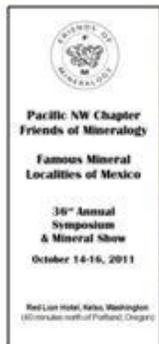
As I reflect on that now, I marvel at how well our symposiums have come off over the past several years. This is due to the unflagging work of the symposium committee, which currently consists of Allan Young, our program chair and Master of Ceremonies; Gary and Karen Hinderman auction coordinators and hospitality; Al Liebetrau, our dealer coordinator and up-until-recently responsible for publicity; Bruce Kelley, who stepped in for publicity; and Wes Gannaway, who is assembling the packets. I would like to express my heartfelt thanks to them and to our entire population of past symposium committee members.

We must also thank our media folks. Jim Etwiler has been our Webmaster since day one. John Lindell has been the editor of our excellent newsletter over these past four years. John also gets a note of personal thanks from me, for being a source of good friendship and advice. Indeed, I would not have returned to PNWFM after my hiatus had it not been for John.



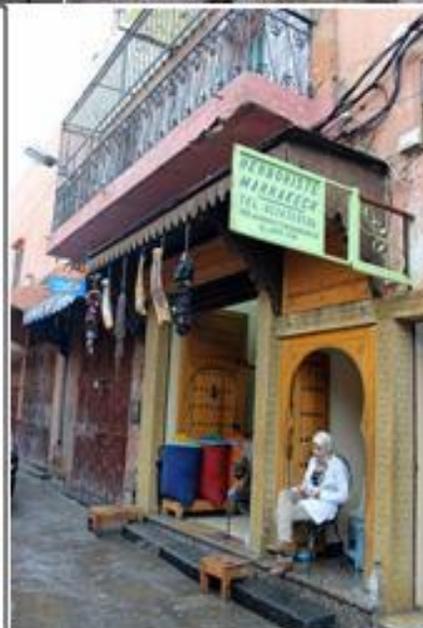
Finally, I have to thank all of the other members of our group who have contributed to PNWFM over this time, including serving as committee members, putting in displays, entering contests, attending and participating in our meetings, serving a stint at the hospitality desk, helping with set-up and take down, and then finally by attending the symposium and being members. Thanks to all of PNWFM, it is a group that has made me feel at home since walking into my first symposium and was greeted by then Symposium Chair Arlene Handley, and it is a group that is close to my heart. I wish PNWFM and all of our members continued success and prosperity.

Best Mineral Wishes,  
Bob Meyer, President PNWFM





  
**Pacific NW Chapter  
Friends of Mineralogy**  
  
**Sulfates**  
  
**38<sup>th</sup> Annual  
Symposium  
& Mineral Show**  
**October 12-14, 2012**  
  
Red Lion Hotel, Kelso, Washington  
(40 minutes north of Portland, Oregon)







## PNWFM ELECTION OF OFFICERS

It's that time to elect a new slate of officers for PNWFM for the next two years. Below are the nominees provided by the nomination committee. Write in candidates are accepted and encouraged. Please vote by email, usps mail, or printed paper ballot at the symposium. One vote per member. All votes must be submitted before the business meeting at the symposium.

Email to: [gkmhind@comcast.net](mailto:gkmhind@comcast.net)

Usps to Karen Hinderman, 1255 Maralee Lane, Bellingham, WA, 98226

By printed paper ballot to Karen Hinderman at the symposium.

President:

- Bruce Kelley
- Write in \_\_\_\_\_

Vice President:

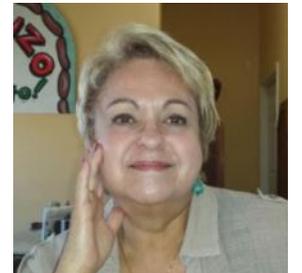
- Ray Lasmanis
- Write in \_\_\_\_\_

Secretary:

- Karen Hinderman
- Write in \_\_\_\_\_

Treasurer:

- Linda Smith
- Write in \_\_\_\_\_



# The Pacific Northwest Chapter of the Friends of Mineralogy 39th Annual Symposium and Mineral Show

October 11-13, 2013  
Red Lion Inn, Kelso, Washington

## Show Theme: Minerals Galore! Alkaline Intrusive Complexes of the World

### Guest Speakers

**Randy Becker**

The Golden Horn Batholith

**Henrik Friis**

Alkaline Mineral Occurrences— An Introduction  
The Ilimaussaq Complex

**David Joyce**

Mont Saint-Hilaire  
Calcite Vein-Dykes of the Grenville Geological Province

**Mike Wise**

Minerals of the Magnet Cove Alkaline Igneous Complex  
The Pegmatite Mineralogy of the Mt. Malosa-Zomba Complex

### Main Floor Dealers

EARTH'S TREASURES: Richard Kennedy  
LEHIGH MINERALS: Jim and Yolanda McEwen  
PACIFIC RIM MINERALS: John Meek  
XTAL: Dennis Beals

### Room Dealers

will be selling minerals from Pacific Northwest and worldwide locations  
in the North Hallway near the Main Floor Dealers

**The Show will feature at least sixteen world-class mineral displays,  
including a display from the Northwest's finest mineral museum:  
The Rice Northwest Museum of Rocks and Minerals**

**Free Admission to the Mineral Show and Dealers**

For more information: Contact Bob Meyer ([pyrite111@hotmail.com](mailto:pyrite111@hotmail.com), 425-433-1088) or  
Albert Liebetrau ([liebetrauam@msn.com](mailto:liebetrauam@msn.com), 541-504-4751)



## SYMPOSIUM SPEAKERS

**Michael Wise** is a mineralogist at the National Museum of Natural History in Washington, DC. where he is a research scientist in the Department of Mineral Sciences. Mike is currently active in education and outreach activities and is heavily involved in the management of the Smithsonian's Gem and Mineral Collections.

**Henrik Friis** is associate professor of mineralogy at the Natural History Museum, University of Oslo in Norway. He specializes in the mineralogy of alkaline complexes and especially REE and Be minerals, and descriptive mineralogy.

**David Joyce** is currently a full-time mineral dealer and his inventory reflects his own collecting interests: Canadian minerals and world-wide elements, sulfides and sulfosalts. He currently serves on the boards of several companies, charities and organizations.

**Randy Becker** is a member of the PNWFM and is an avid mineral collector specializing in the minerals of the Pacific Northwest. He has been field collecting in the Golden Horn Batholith for over 35 years and is actively engaged in the study of the minerals found there.

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## HELP NEEDED FOR SYMPOSIUM

The symposium committee would like to make an appeal to the membership for help at our symposium. We have a bit of a void in the committee now due to the injury of our display chair person, Ray Lasmanis, and the unavailability of some of our other committee members. While we always welcome help, we're in a bit of a bind this year in particular in several areas. **The success of the symposium this year hinges on getting some help.** In particular, we need help in the following areas. Please let Bob Meyer <[pyrite111@hotmail.com](mailto:pyrite111@hotmail.com)> know if you can help in any or all of these areas.

**Loading our display cases** from storage into the truck. The cases are stored in Ravensdale, Washington, so we require people in the greater Seattle / Tacoma area. The cases are heavy and we need four people minimum, preferably six total. The loading would take place in the late afternoon the day before the symposium, October 10.

**Set-up and take down.** Set-up starts at 11:00 a.m. on Friday October 11, and take down begins at the end of the symposium. The tasks are setting up and taking down the tables, cases, and stringing cords.

**Unloading the cases** and restoring them in Ravensdale. Again, need four to six volunteers for Sunday afternoon to unload the cases from the truck and carry them into storage.

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## CALL FOR DISPLAYS

If you are interested in displaying your minerals at the symposium, please contact acting Display Chair Bob Meyer. This year we have fewer than typical displays booked, so this is your chance to contribute and let other members see some of your collection.



## AUCTION SPECIMENS / ITEMS NEEDED



**It's about the time to dig into your collection for donation items suitable for our auctions. The auction is one of the primary funding sources for the symposium, so bring something nice to donate, and bring lots of cash, checks, and coin to spend on the items that others donate. Thanks from PNWFM!**





## Contests at the 2013 Symposium

By Bob Meyer, contest coordinator

We will have three contests this year: 1) a mineral ID contest; 2) best self-collected macro-crystallized specimen; and 3) best self-collected micro specimen.

Those wishing to compete in the mineral ID contest will complete an entry form containing spaces to fill in the identity and locality of a group of subject specimens. Points will be awarded for completeness of the information, **including locales**. No destructive tests on the subject specimens will be allowed, and **each entry must be the work of one registered attendee**. The forms will be available at the registration desk, and will be due no later than 3:45 p.m. on Saturday, directly after the end of the program. I encourage all of you to accept this challenge. Winners of this contest in the past have included some of our most well known and knowledgeable collectors, and joining this group is a real honor.

Awards for the best self-collected specimen will be presented in two categories, 1) the best self-collected macro specimen, and 2) the best self-collected micro specimen. Registered symposium attendees can enter a limit of one specimen in each category. The **specimen(s) should be self-collected in a non-commercial manner**. Non-commercial refers to the scale of the collecting activity rather than as to whether the collector sells minerals. Ask yourself as to whether the scope of the collecting activities would constitute an unfair advantage over other entrants, and if the answer is “no,” then feel free to enter. For those who want to know, **a macro specimen is one that is best appreciated without magnification**, while **a micro specimen is one that is best appreciated with magnification**. Otherwise, there is no size limitation as to entries. To be clear, a micro specimen might be quite large (should be able to fit underneath a scope); while a macro specimen could potentially be quite small (such as a thumbnail). **Entries should be plainly and neatly labeled as to species, location, and collection date. The label should not contain the collector’s name or other identifying information.** Please drop your specimens off at the registration desk, where a record of the entrant and specimens will be kept. All entries are due no later than 1:00 p.m. on Saturday. The winners will be decided by a panel of judges, with the prizes for both contests being awarded before the Saturday evening banquet. What constitutes the “best” specimen will be ultimately up to the judges, but will include such characteristics as esthetics, freedom from damage, relativity of quality in comparison to other examples of the same species or from the same locality, and rarity. Rarity refers not to rarity of species, because a quartz or other common species might potentially win, but to how rare similar examples might be.

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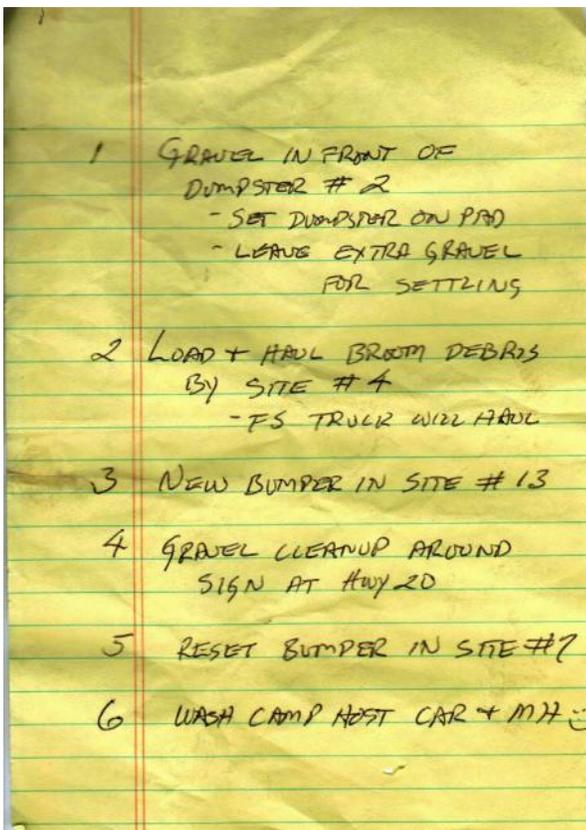
# 2013 Pacific Northwest Friends of Mineralogy Washington Pass Clean-up

By Bob Meyer



*Panoramic view from the Liberty Bell Mountain talus slope, North Cascades, Okanogan County, Washington*

The 23<sup>rd</sup> annual Washington Pass clean-up was held this year on August 9-11 at the Klipchuck Campground in the Okanogan-Wenatchee National Forest. Eleven members of PNWFM formed the work party this year, and our campground hosts had prepared an extensive list of tasks to be completed. Members spread three dump truck loads of gravel, loaded a truck with limbs and debris from one area, installed a campground bumper and leveled another, and cleaned up gravel near a sign on Highway 20. The camp hosts and forest service personnel are highly appreciative of our efforts, and we discuss with them the interesting geology and mineralogy of the area.



*Task List Prepared for us by the Camp Hosts*



*PNWFM Member Julian Campbell below Liberty Bell Mountain spire*



The Clean-Up was first envisioned in 1990 by then PNWFM president Becky Harris as a response to a mess left by some mineral collectors, and also to prevent a repeat of the prohibition against mineral collecting in the Sawtooth National Forest in Idaho. Since then, the event has become a tradition and PNWFM has performed services ranging from litter pick-up on Highway 20, the removal of noxious weeds, cleaning up dumped tires, building trails and stairs, cleaning downed limbs and trees, and renovating features in the local campgrounds.



*PNWFM member work party at this year's Washington Pass clean-up*



*Okanoganite-(Y) from Washington Pass area. 1.5 mm FOV*



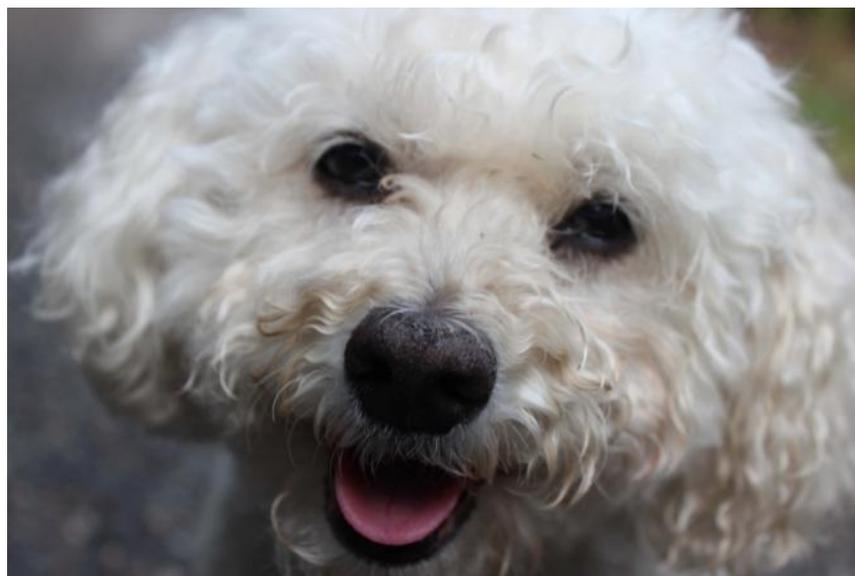
*Calciohilarite from the Liberty Bell talus. 4.3 mm FOV.*



In addition to the clean-up efforts, attendees spent the weekend collecting and socializing. Members traveled to the pass to collect at night with UV lights, spent the days collecting or hiking in the impressive North Cascades, and participated in a potluck that has become increasingly a gourmet event on Saturday evening. The pot-luck this year featured abundant homemade cookies; Insalata Caprese; grilled sausages, corn, peppers; pasta; salsas, chips, and varieties of drinks.



*PNWFM members survey the gravel around dumpster #2 after two of three loads*



*Honorary PNWFM member Farley at the Clean-Up*



*PNWFM Clean-Up Participant Randy Becker collecting in the Talus*





Weather at high altitudes in the North Cascades is unpredictable and while most years feature ideal weather during the clean-up, we have had everything from snow to very hot weather in years past. This year was one that stood out for its unusual weather. The forecast was for hot temperatures with the chance of rain being 30-50 percent. On Friday and Saturday, the days were hot and uncharacteristically humid. It began clouding up very late on Friday night with lightening and some thunder in the distance. It rained hard late that night, but it had cleared off by morning. It clouded up again on Saturday night, with an impressive amount of lightening occurring in the distance. At one point, almost continuous lightening lit up the sky. It rained again that evening, but again had stopped by the morning. On Sunday, ten of us hiked up Liberty Bell Mountain, to moderate temperatures and mostly clear skies. One the way up, some PNWFM members met a pack of Gray Jays, and these tame to the hand camp rascals ate from their hands.

In early afternoon, a group of threatening clouds came up from behind the spire, and this was followed shortly thereafter by thunder and a few rain drops. Realizing that the exposed talus was not the place to weather a thunderstorm, we quickly exited the peak, and were caught shortly after reaching the tree-line in an amazing hailstorm. The hail stones were quite large, some up to 1-1/4" across and averaging 1/2", and came down thickly for a few minutes, littering the steep slopes with frozen ball bearings. Finally making it down mostly unscathed but soaking to our vehicles sometime later, we realized how enjoyable an experience it was.

The adventure was not over, however. Most attendees come to the area from the west on Washington Highway 20. Unbeknownst to us at that time, the lightening storm we had seen on Saturday night washed out the highway on Rainy Pass, which is just west of Washington Pass. This blocked the normal route most of us would take to go home. The [numerous mudslides](#) took two weeks for the Washington DOT and National Park Service to clear.



*Surprise storm of hail of over 1" in size being displayed by PNWFM member Barry Murphy on Liberty Bell Mountain*





PACIFIC NORTHWEST  
CHAPTER  
FRIENDS OF  
MINERALOGY

[www.PNWFM.org](http://www.PNWFM.org)

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## PNWFM CALENDAR

39th Annual Symposium—Oct 11-13th



Zektzerite, Washington Pass, Okanogan Co, Washington, 3cm

Collected and photo by John Lindell