



PNWFM

Inside this issue:

President's Message	1-2
PNWFM Board Meeting Announcement	2
Christmas Mineral Eye Candy	3
PNWFM Symposium Report	4-12
Blue Bell Mine Hemimorphite	13-15
Mineral Meeting Calendar	10



President's Message Toby Seim

Greetings All,

I'd like to start by acknowledging all of the members who attended our annual symposium "Minerals of California". In addition, a special thanks to the organizers, speakers and helpers. The displays were eye-catching, the dealers had new material and the speakers were very informative. As a 3-year attendee, I believe we have the strongest mineral informational event in the Pacific Northwest.

As your President-

Being elected and having the opportunity to serve as your *Friends of Mineralogy – Pacific Northwest Chapter* "President", is both exciting and humbling. My first focus is to fittingly recognize Bruce Kelley for a job well-done with the contributions he's provided during his span as President. He and his Board Officers were excellent, continuing to lead the PNWFM organization in a healthy direction. Thank you.

For the initial allotment of my term, I plan to learn: learn what aspects mean the most to us, the processes needed to upkeep our respected traditions, and what resources our well-accomplished members can provide. Our Board Officers have been doing a fantastic job in getting me up to speed.

My long-term targets are focused towards providing **FUN** (key word alert) avenues for participation in an attempt to continually improve our effectiveness in order to demonstrate these previously developed goals:

Goals of the Organization

- To encourage the collection of minerals for their research, educational, and aesthetic values.
- To advance programs of mineral study and the educational activities of amateur groups.
- To promote the dissemination of information about minerals, mineral localities, collections and mineral studies.
- To preserve and protect mineral specimens for education and research.
- To promote the preservation of valuable specimen localities and mining deposits.

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I look forward to being a catalyst for the growth of our chapter.

Opportunities to Participate-

The Rice Northwest Museum of Rocks & Minerals (Hillsboro, Oregon) has confirmed the date of Saturday 1/12/19 for us to conduct a field trip, we will meet at noon for details of the agenda. Julian Gray (Executive Director) has also ensured there will be space available to hold a PNWFM board meeting. I know this is short notice but this being my first good opportunity to interact with everyone, your attendance is much appreciated.

The recent weeks, I have been actively communicating with the management team of **The Whatcom Museum** (Bellingham, Washington). They are excited about potentially working with us and we have concluded that there are a couple different ways to make things worthwhile. There is some potential in their FIG (Family Interaction Gallery) center, which is an area for children. I believe the opportunities here may include having lectures or hands-on exhibits where the children can learn different aspects of geology/mineralogy through physically interacting. If you have any interest in contributing, please let me know as they do not know our capabilities. They will reach out with their ideas early next year. Stay Tuned

The other opportunity for us with The Whatcom Museum is to provide an exhibit. They are very interested, but curious, about what objects people would be willing to lend to the museum for 3 – 4 months. If you can provide high-quality objects/specimens that you would be willing to lend from your collection, they would love to consider showing them. I am putting my feelers out by starting a list of what people would be willing to lend, and why the specimens would be notable. If you are interested, please send information to Karen Hinderman.

Once again, I am excited and humbled to serve as your PNWFM President. I encourage all of you to reach out with any ideas or any input that may support the growth of our organization. Thank you to the current Board Officers and the members who actively participate. Cheers!

A bit of a bio:

Toby Seim, President, PNWFM-

Toby currently lives in Sedro-Woolley, Washington with his wife (Becca) and daughter (Freya). He is an experienced Quality Assurance Manager with a demonstrated history, specializing in process development and continual improvement. Just a few years ago, Toby introduced himself into the mineral world as a solution to break free from the confined space of his couch. He is now a very active field collector who cherishes the experiences shared alongside a well-respected cast of mineral enthusiasts.

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## PNWFM Board Meeting

January 12, 2019, 12 noon

**Rice Northwest Museum of Rocks and Minerals  
26385 NW Groveland Drive  
Hillsboro, OR 97124**

Come enjoy the museum and get acquainted.

## More Photos by Bruce Kelly

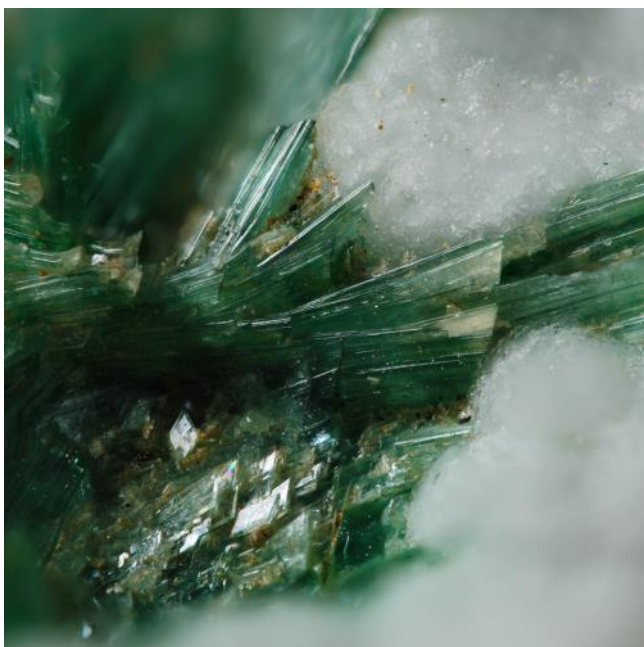
### Christmas Colors!!



Cornwallite from Clara Mine, Baden-Württemberg, Germany. FOV: 1.56 mm, Stacking: 141 frames at 5  $\mu$ m. Copyright © 2018, Bruce Kelley.



Carminite and Beudantite from Santa Rosa Mine, Inyo Mts, Inyo Co., CA. FOV: 0.97 mm, Stacking: 45 frames at 5  $\mu$ m. Copyright © 2018, Bruce Kelley.



Annabergite from Georgine Mine, Candelaria Dist., Mineral Co., NV. FOV: 2.3 mm, Stacking: 176 frames at 5  $\mu$ m. Copyright © 2018, Bruce Kelley.



## 2018 PNWFM Symposium Report

### Minerals of California

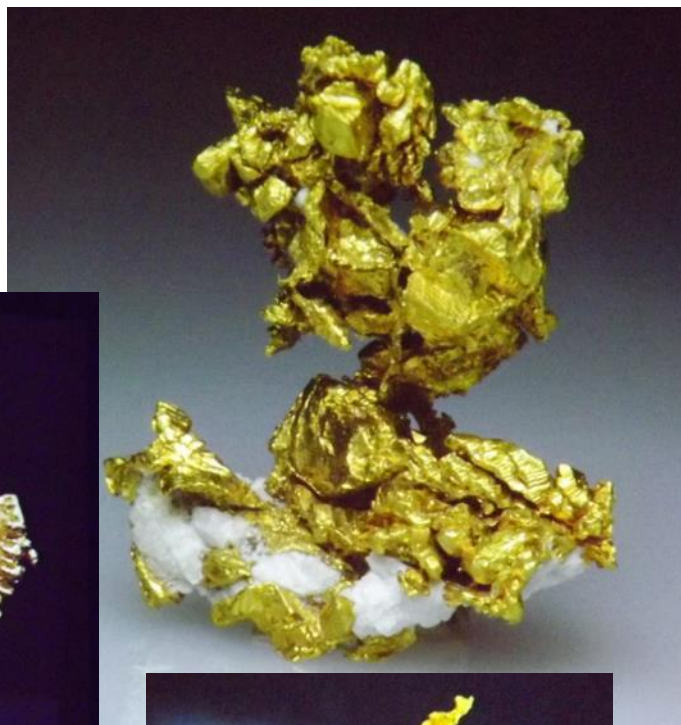
#### October 10-21, 2018

By Beth Heesacker

Pictures of presenter's slides used with the permission of the presenters.

Another great Symposium was hosted by the PNWFM. Exhibits, dealers, auctions, contests and wonderful presentations.

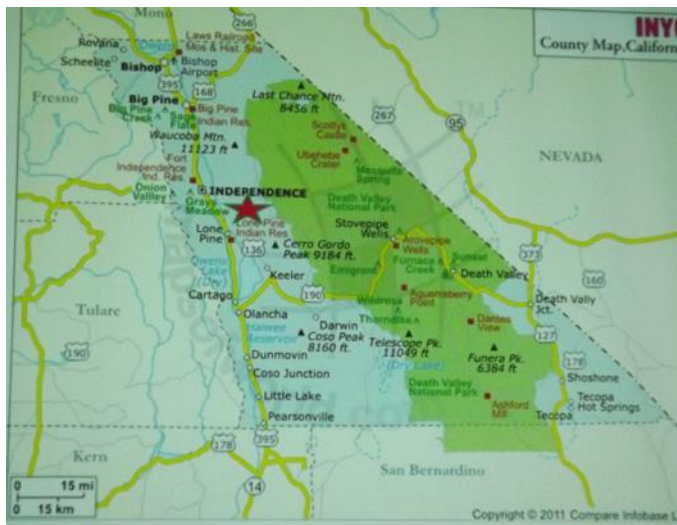
Scott Werschky spoke on "*California Gold*" which left us all with a glint in our eyes.







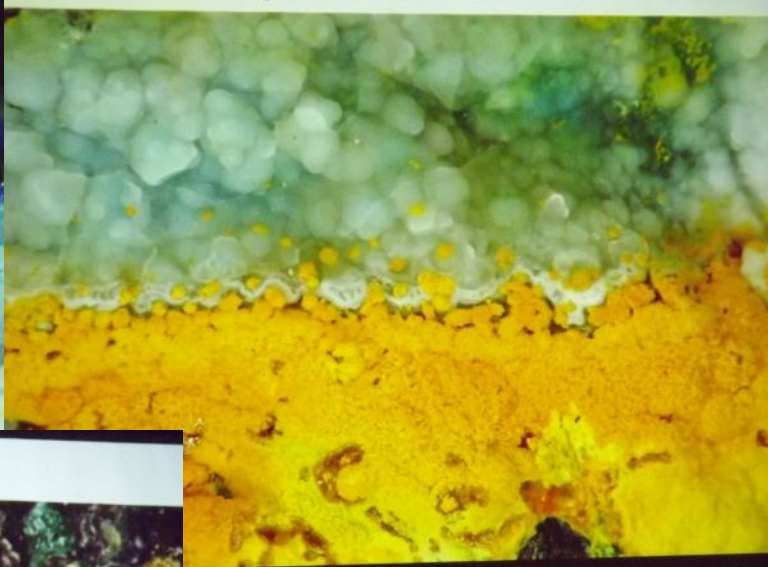
Dan Evanich took us on a virtual field trip to the Reward Mine, Inyo County, California.



Linarite, Brochantite, and Wulfenite



Chrysocolla with Mimetite



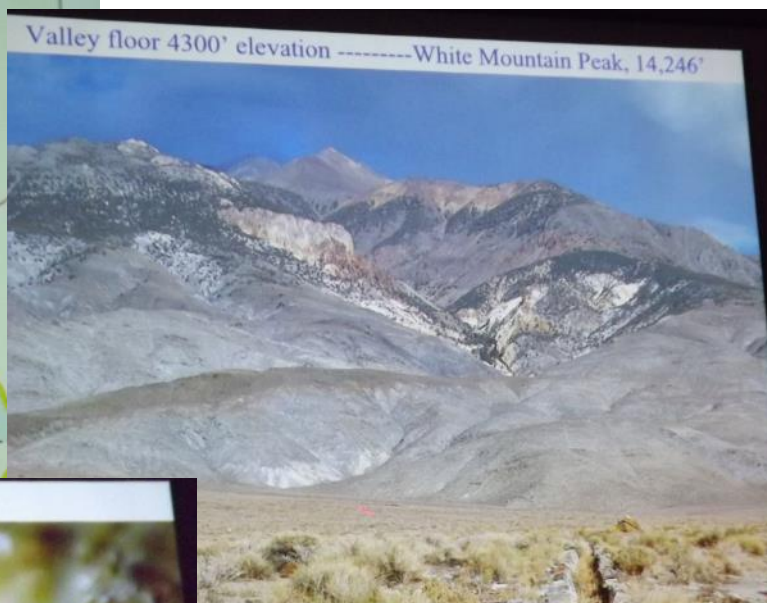
Tsumebite  
 $\text{Pb}_2\text{Cu}(\text{PO}_4)(\text{SO}_4)(\text{OH})$







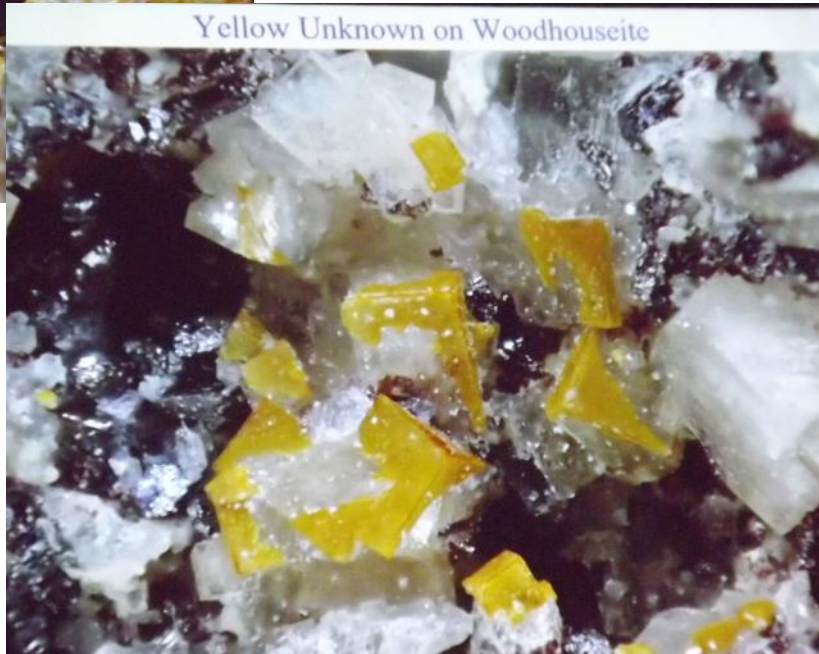
Dan also took us to the Champion Mine, Inyo County, California.



Rutile in Pyrophyllite

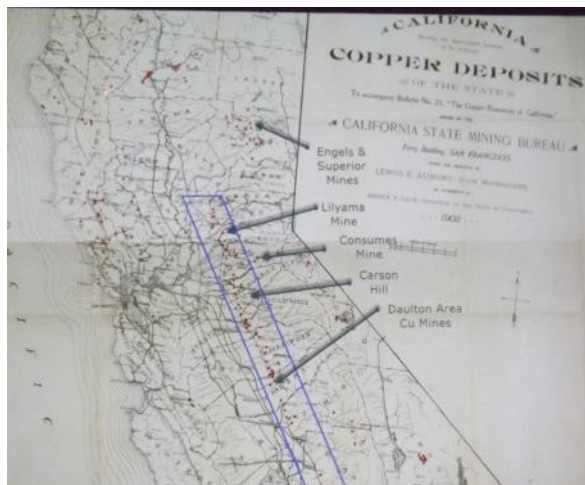


Yellow Unknown on Woodhouseite





John Magnasco Led us to obscure but important California localities.



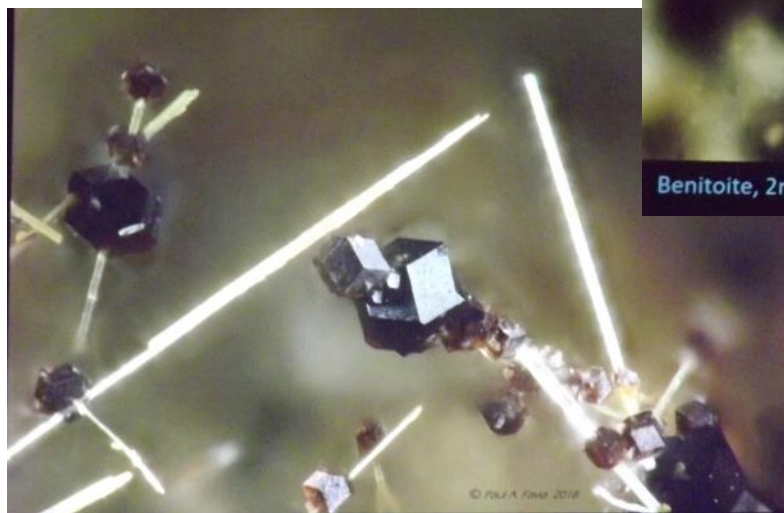




Inesite, 10 mmFOV – Hale Creek Mine, Trinity Co. - © Dakota Matrix



Benitoite, 2mmFOV – Mina Numero Uno, San Benito Co. - © MinResCo



Andradite on Diopside, 10 mmFOV – Melanite locality, San Benito Co. - © Paul Favia



Cinnabar, xls to 1mm – Socrates Mine, Napa Co. - © Dario Cericola





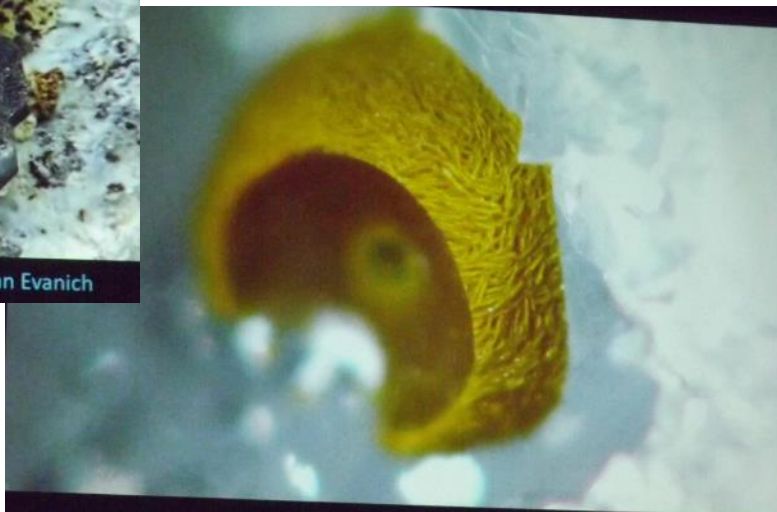
Clinocllore with melanite, 35 mm – Yellow Cat Mine, San Benito Co. - © Jeff Scovil



Opazolite, 25 mmFOV – Yellow Cat Mine, San Benito Co. - © JFabre



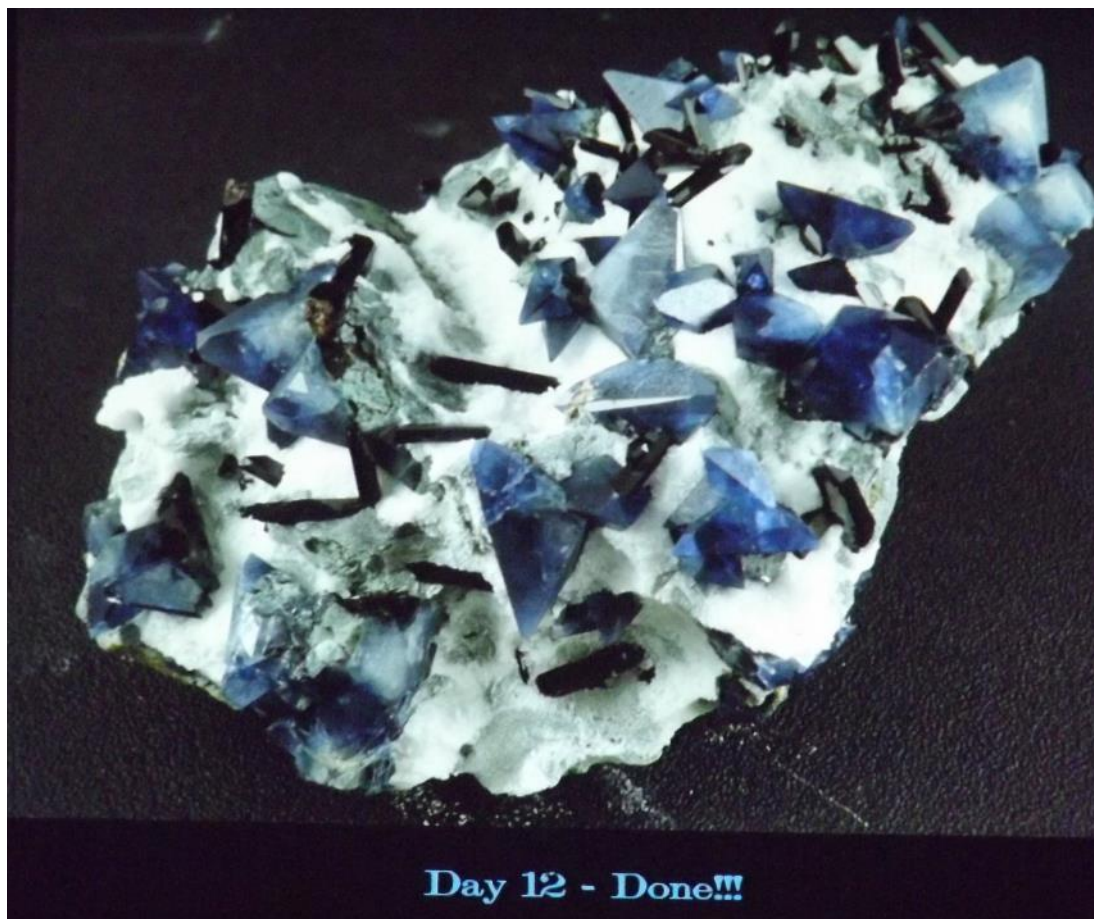
Magnetite, 7 mm xl – Perovskite Knob, San Benito Co. - © Dan Evanich



Edgarbaileyite, 1 mm sphere– Clear Creek Mine, San Benito Co. - © Dakota Matrix

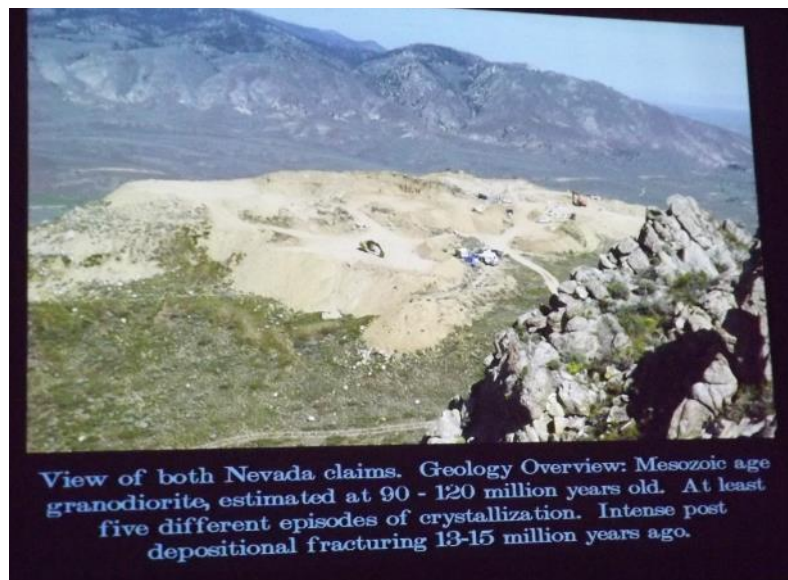


Rick Kennedy took us on a wild journey to the Benitoite Gem Mine, giving us a look at its past, present and future. He also showed us the steps in the process of cleaning a specimen from this mine.





Rick also showed us a fun time at Hallelujah Junction.



View of both Nevada claims. Geology Overview: Mesozoic age granodiorite, estimated at 90 - 120 million years old. At least five different episodes of crystallization. Intense post depositional fracturing 13-15 million years ago.



The Wizard's Wand!! One of the finest scepters ever dug!



The Mother's Day Pocket, 5-10-15



The PNWFM Symposium also added a new feature this year. Friday night a room was set aside for a free series of presentations and displays in hopes of encouraging the general public, especially children, to come to love the world of minerals. The activities included mineral identification, a fluorescence in minerals demo, live screen viewing of minerals under the microscope and numerous hands on activities and gifts for kids. There also was a featured speaker, Leslie Moclock, the Curator of Rice Museum of Rocks and Minerals. She spoke on *Getting Started with Rocks and Minerals*.



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PNWFM Annual Symposium Meeting October 21, 2018

President Bruce Kelley opened the meeting with many accolades and thanks to all involved in putting on another successful symposium. The Friday evening program was deemed a colossal success. John Lindell was thanked for spear heading this.

Secretary's minutes were approved as printed in newsletter. Treasurer's report was provided and accepted.

2019 Symposium themes were discussed. After discussion and voting twice we narrowed down the theme to the following: Mines of the West and our back-up theme is New Mexico.

Much discussion ensued about a lower rate for students. A motion was made to offer a student rate of \$30 for symposium, plus \$15 for membership. Motion was seconded and passed. The board will discuss the qualifications for a student rate. There was also discussion around a one day rate. This was tabled after too many concerns about loss of revenue were expressed.

Publicity for the symposium was discussed. It was suggested that we include our symposium under events in all rock and mineral magazines and newsletters. It was also suggested that we need to show the "fun" by posting pictures during the symposium on all social media outlets. John Cornish suggested that we try making a commercial and run it on television. Diana Dameron suggested that we target the geology departments at all of our local colleges. Diana volunteered to get information to colleges around Portland and Vancouver. If all members would take symposium flyers to their local colleges, then we could spread the word quickly to college students. Tom Menzel suggested we make a video of the many "cool" things that happen during a symposium and then show this video at local rock and mineral club meetings to encourage these individuals to try our symposium. All of these ideas are possible, yet only one individual actually volunteered to follow through. We need a committee willing to commit to symposium publicity. Any volunteers?

Motion made, seconded and passed to continue our group membership at the Rice Museum. As group members, all PNWFM members may go to the museum for free.

Election of new officers:

President – Toby Seim

Vice-President – Gary Hinderman

Treasurer – Bruce Kelley

Secretary – Karen Hinderman

Good of the Order:

Beth Heesacker, newsletter editor, asked for pictures and articles.

We were reminded that Rocks & Minerals Magazine provides our members a discount rate for subscriptions: \$40. Just ask for it.

Discussion about the NW Supplement to the Mineralogical Record ended with Don Newsome volunteering to coordinate with photographers.

Bruce Kelley, outgoing President, was honored and thanked for his service.

Blue Bell Mine, The Many “Faces” of Hemimorphite

By Beth Heesacker

All photos copyright 2018 by Beth Heesacker

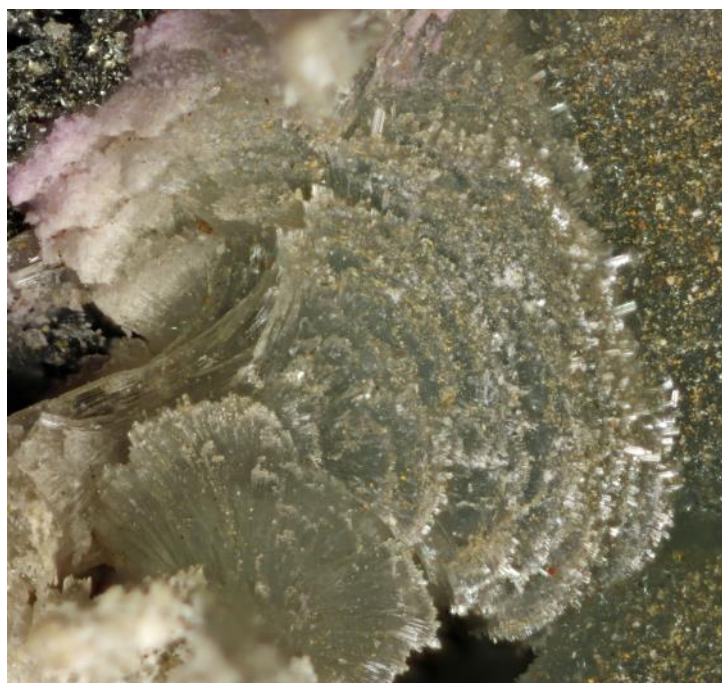
Hemimorphite comes in so many different forms at the Blue Bell Mine. Here are some photos that I took of what I found in my specimens. Please note that I am not good at identifying minerals and need lots of help. If you see something in a picture that you can id, please email me with that information. Thanks in advance.



FOV 3mm



FOV 2mm



FOV 2.75mm



Hemimorphite + ?. FOV 3mm



FOV 3mm



FOV 2mm



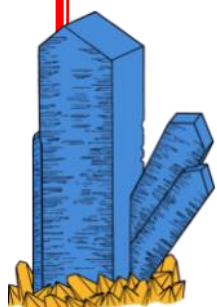
Hemimorphite + ?. FOV 2mm



Hemimorphite + ?. FOV 1.25mm



Hemimorphite + ?. FOV 3mm



**Interested in a wonderful resource for teaching
children about minerals?**

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PACIFIC NORTHWEST CHAPTER FRIENDS OF MINERALOGY

www.PNWFM.org

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MINERAL MEETING CALENDAR

2019:

54th Pacific Micromount Conference, January 26-28
Fallbrook Mineral Museum
123 W. Alvarado Street, Fallbrook CA

Micro Mineral Study Group, May 4, 9:30 am to 4:30 pm
Camas-Washougal Fire Station #42
4321 NW Parker Street
Camas, Washington

Seattle Mineral Market, May 18
Place to be determined

Northern California Mineralogical Association Symposium, May 31-June 2
El Dorado Community Hall
6139 Pleasant Valley Rd
El Dorado, CA 95623

Washington Pass Cleanup, August

45th annual PNWFM Symposium, October 18-20
Red Lion Inn
Kelso, WA

Micro Mineral Study Group,
November 2, 9:30 am to 4:30 pm
Camas-Washougal Fire Station #42
4321 NW Parker Street
Camas, Washington

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