Keith Fackrell  
President

GREETINGS

February? It surely does not appear to be February, but looking at the Calendar it verifies that it really is.

I don’t recall any February’s being so dry and so warm for such a long time. It has been cold enough to be a little uncomfortable to do a lot of rock hunting (at least in my local area) so it is a good time to go to your rock pile and pick out some good rocks to cut and polish. It is also the time of year to prepare for the upcoming shows. There are many Gem & Mineral Shows on the horizon. Check the listing in your Northwest Federation of Mineralogical Societies (NFMS) Newsletter.

If you are traveling beyond the boundaries of NFMS, you can check on the internet for Rock & Gem listing of many shows in any part of the United States. You can enhance your vacation and meet new friends by attending some of the shows wherever you travel.

Now, I am asking for your help! I am asking for the NFMS Delegate or the President of your club/Society in the NFMS to make a list consisting of each member in your club/Society who has passed away in the last year since January 1, 2017 to the Present time, along with respective death dates. Then please email this information to me no later than March 20, 2018. My Email address is: krfackrell@gmail.com

I will compile the names and dates then present them at the American Federation of Mineralogical Societies (AFMS) Convention in Raleigh North Carolina on April 5, 2018. Thank you for your assistance in getting this information to me, as mentioned above. No later than March 20th 2018. Only you can make it happen.

I hope each of you have a great year. Please include NFMS friends in your plans.

1st Vice President

Ronna Watkins

Greetings! As I write you the rock show in Quartzsite has wrapped up for the year and my friends are returning from Tucson and getting ready for another year of rock club meetings, programs, and having their winter rock shows or finalizing plans for their spring rock shows.

I just returned from Kennewick and the Lakeside Gem & Mineral Club’s general meeting and program: A fascinating PowerPoint presentation by Steve Reidel, a Washington State University geology professor. He spoke about the Rattlesnake Ridge activity outside of Union Gap, Washington, a crack caused by a slide. This is fairly close to where I live and just south of Yakima. You may have heard about it on the National News. There is a drone video of it on the internet; and, seismology markers placed on it so you can watch the movement caused by the slide. We have very interesting geology here! Darrell and I had a wonderful evening and appreciate the warm welcome we got from the LGMC. Thank you, LGMC!

My club’s program this month will be on “First Aid in the Field.” A good program subject idea for any club, especially as spring outings are approaching. Be sure and be safe and prepared out there.

I have been very busy with a lot of NFMS business going on. Jim Brain, our endowment fund advisor has been working diligently updating our OPS 3 procedures to accommodate the Uniform Prudent Management of Institutional Funds Act (UPMIFA) requirements. His proposed re-write of the NFMS OPS-3 procedures accommodate the changes in how endowment funds are run as well as updating some of the other terminology and general flow of the text. I would like to thank Jim and Jack Edwards, the endowment committee chairman for all their work. We will hold a meeting on Friday, April 27th at 10 a.m., upstairs in the Pioneer Hall during our annual show and convention in Yakima. Plan to attend to get any questions answered you may have about this OP proposal.

We have also gotten our Bulletin Contest winners sent off to the AFMS judges and I wish the best for our entries. A lot of work goes into creating our club bulletins and we have some really nice editors and contributing authors that deserve recognition. I would again like to thank Judi Allison for stepping up to host our Editors’ Breakfast Saturday, April 29, at our host hotel (Ahtanum Best Western) 8 a.m. this year. This is something you won’t want to miss because Judi has some fun planned and it is always nice to present these talented individuals with awards.

We need everyone to get there pre-registration to the show in soon, so we can expect you. Our Annual Meeting will be Friday, April 27th at 5 p.m. Clubs need to have representation for voting on the OP’s changes proposals that will occur this year. Clubs need to get your Director’s and Delegate’s credentials signed and sent in.

The NFMS Awards Dinner will be an interesting evening with our key note speaker Nick Zen- ner speaking on “Blues and Liberty Gold.” You won’t want to miss it! Nick is also working on another series of free geology lectures in Ellensburg WA that will be available as videos on YouTube. For more information on Zentner find his videos here: https://www.youtube.com/user/GeologyNick/featured.

What’s Inside:

President’s Report ............................. 1
1st VP’s Report ............................... 1
Officers and Committees ..................... 2
2nd VP’s Report ............................... 3
Historians Report ............................ 3
NFMS Meeting Registration ................ 4
Endowment Fund Report .................... 5
NFMS Meeting Credentials ................. 6
Editor’s Rockpile ............................. 6
NFMS Meeting Speakers ................... 7-8
Williamsite .................................... 9
More Historians Report ..................... 10
NFMS Clubs’ Shows ......................... 11-12

NEWSLETTER DEADLINE:
February Deadline: March 15th
For deadlines and to submit articles
contact Beth Heesacker
Email: nfmseditor@coho.net
NFMS Website:
http://NorthwestFederation.org

To see this newsletter in living color and to see it usually by the first of the month
go to http://NorthwestFederation.org/Newsletters.asp and click on the month you want to see.

[continued on page 3]
For matters related to the Newsletter (i.e., content, advertising, etc.) contact the Newsletter Editor. For matters related to the Newsletter circulation (new members, address changes, etc.) contact Circulation.

**SHOW COORDINATION.** Your Federation provides a free service for NFMS members by listing your show in this newsletter. On the NFMS website, two magazines (“Rocks and Minerals” and “Rock and Gem”) and the on-line calendar from *Lapidary Journal*.* Please provide the date and time for the show, the club name and show title (if applicable), the location of the show, admission price, and most important a contact person with address, e-mail address and/or phone (e-mail is preferred). Please send your show information four to six months in advance to the Show Coordination Chairperson. If you see an error once your show is listed, or if your show is not listed, contact the Newsletter Editor.

**SAVE STAMPS PROGRAM.** NFMS members are encouraged to use and save commemorative stamps. The money generated from the sale of these unused (canceled) stamps is then donated to Cancer Research. The collected stamps can be sent to the Stamps Chairperson, brought to the NFMS Annual Show or given to your Federation Director in your club.
You can read more about the show and convention in this issue and we will have a complete schedule to appear in our next Northwest Newsletter, on the NFMS Facebook page, and at yakimarockclub.com, soon.

In other business, I am ready, and it will be an honor, to represent the NFMS alongside Keith at the American Federation of Mineralogical Societies’ annual meeting in Raleigh, NC this April. I also plan to take in the ALAA meeting, the Editor’s Breakfast, and the Annual Awards Banquet. I will give a full report upon my return.

One last thing before I close, we still have some chairman positions to get filled and if you are interested in serving please let us know. Hope to see you in Yakima soon!

2nd Vice President
Kenneth Zahn

Want to increase your club's bank account balance so you might finally be in a position to open a part-time lapidary shop, buy equipment, offer classes, partially fund longer joint field trips with clubs from neighboring states, pay expenses for a national-level speaker at a special symposium or club meeting, start a local educational outreach to area schools, or sponsor a dedicated hard-working member to attend a regional NFMS or AFMS meeting as your club's representative? These are worthy aspirations, but are often beyond the means of many clubs. Obviously, increasing membership numbers would help build a pool of interested members who may support those aspirations. This can be done by clubs by emphasizing -- especially at your annual show -- the fun of having interested attendees sign up to attend your club meetings and participate in field collecting trips. The public attending your show has to know what you have to offer, of course (a great sales-person near the door, with a good, current, one-sheet tri-fold brochure and sign-up applications in hand and at the ticket table helps). By making the effort to engage May 2017 show attendees last year, for example, one enterprising and long-time Bozeman member signed up close to 50 new members over the club’s 2-day show. BUT, older-member gifts and annual membership dues from increasing enrollments usually don't begin to cover the expenses of the types of longer-range club goals/programs mentioned earlier. With a moderate-sized or larger club that reaches a "critical mass" of dedicated, supportive members (there are many in our Federation), other opportunities to increase the club's finances could prove helpful. Three (beyond club-show net proceeds) come to mind:

1) Solicit members to donate items for both silent auction tables and some better items for a live auction to be held at your annual "sit-down" potluck Christmas party or summer picnic venue. Try to find a dynamic club-member auctioneer to develop background on the donated pieces and do the live auction at about "dessert-time" -- and then follow with calling out the sequential close-off of biddings at each of the various silent auction tables (about 3-5 minutes apart).

2) Set up at least one full table of silent auction specimens, materials, books, etc., before the beginning of monthly club meeting venues and allow bidding before the program presentation (try holding that first) and at a refreshment break between a program presentation and the business-oriented meeting discussion. To augment the normal donated local-area types of rocks and slabs, sprinkle in some nicer pieces with the typical items. These could be such items as smaller, inexpensive, but pretty specimens (2-3 of many different types) purchased by a club member (with club funds) at the wholesale distributors' venues at the Tucson or Denver shows, or pieces from flats of mixed samples (such as zeolites from India or aragonites/azurites/fossils from Morocco or nice fluorites/sand-selenites/polished agates from Mexico or small quartz xls from Arkansas, etc.,) that often are heavily discounted at the end of the Tucson or Denver show periods. Set the minimum bid price at the actual cost of the item to the club. This does 3 things. It assures that the club doesn't lose money, it helps new members start collecting nice items from other countries that they don't see often locally, and it can be beneficial to assure member interest in attending monthly meetings by also having some unique, eye-catching, but inexpensive foreign minerals/fossils among the other local-area items in the silent auction.

3) Have a member shop (in Tucson or Denver) for -- or seek a nice specimen group as a club-member donation of -- a large, splashy, but fairly inexpensive item as a special raffle prize drawing at your annual show. Try for about $100 - $150 maximum in cost, sell a maximum of only 50 - 100 tickets at approx. $10 each over the 2 days. Display it in a separate show case, mention it on radio or TV advertising venues if possible, "talk-it-up" over the microphone from your show’s silent auction table or front table. Several items come to mind: Large, inexpensive sand-selenite or "desert-rose" groups from Mexico, large quartz-crystal-filled hollow goodies from Morocco, "late-show/marked-down" amethyst plates from Brazil, etc.

Done well over a number of years, these types of fund-raisers at standard club meetings and shows slowly build funds for both operating expenses and for special initiatives, but without a lot of extra effort.

Good Luck !!

NFMS HISTORIAN
By Linda Barlow

I love celebrating holidays! As I write this it is Valentine’s Day and hope all of you have enjoyed it. I look forward to the green of St. Patrick’s Day. I took a moment to looking back at our organization created with love by rockhounds. This was in our 50th convention report by the historian at that time, Laverne Williams.

NFMS ORGANIZED

On February 5, 1938, 150 members of seven clubs of Oregon & Washington met for the purpose of forming this organization. As reported in an article in the Olympian newspaper, officers were elected and a committee appointed to draw up a constitution and By-laws. “Half a dozen large tables in the Hotel Olympian’s banquet room were covered with stones of all shapes, sizes, and colors yesterday, as the delegates exhibited some of their collections. The display included agates of several types, petrified, and opalized wood, obsidian, a” displayed at this 50th anniversary convention.
The Yakima Rock and Mineral Club is honored to host the 80th anniversary Northwest Federation Show and Convention April 27-29, 2018.

Show hours will be as follows:

- **Friday, April 27**: 10:00am-6:00pm
- **Saturday, April 28**: 10:00am-6:00pm
- **Sunday, April 29**: 10:00am-4:00pm

**New Location!**
Oregon Army National Guard Armory
2950 Taylor Way, Forest Grove, OR 97116

**Prices:**
- $10.00 (adults)
- $5.00 (ages 6-12)
- FREE (under 6)

**Parking:** Free in the Central Washington State Fairgrounds Modern Living Building, Pioneer Hall, and surrounding areas.

** Lodging:**
- [Central Washington State Fairgrounds Modern Living Building](http://www.cmwb.com)
- [Pioneer Hall](http://www.pioneerhall.com)

**Directions:**
- From I-82: Take exit 297, follow 11th Ave S to Fair Ave.
- From I-5: Take Exit 295, follow 11th Ave S to Fair Ave.
- From US-97: Take exit 296, follow 5th Ave S to Fair Ave.

**Contact:**
- [yakimarockminerals@yahoo.com](mailto:yakimarockminerals@yahoo.com)
- [503-498-5700](tel:503-498-5700)

**Website:**
[www.northwestminerals.org](http://www.northwestminerals.org)
Endowment Fund Operating Procedures Being Updated

By Jim Brain
Endowment Fund Financial Advisor

At the annual NFMS meeting in Yakima the Endowment Fund Committee will be proposing a resolution that updates the text of OPS 3 Procedures affecting the Endowment Fund operation to bring it into compliance with the Uniform Prudent Management of Institutional Funds Act (UPMIFA) requirements and recent Financial Accounting Board Standards (FABS) changes that have occurred since the published procedures were last updated. Additional changes that improve the overall flow of the document and clarify committee member responsibilities are also proposed.

The UPMIFA:
Changes the reference terminology that funds will be invested and managed in accordance with the Uniform Prudent Investor Act to direction that investment and management will comply with the Uniform Prudent Management of Institutional Funds Act. This change retains the intent of prudent management of the endowment fund assets but updates the terminology and adds other requirements.

Requires that we develop a written spending policy. The existing spending policy is linked to outdated definitions of restricted and unrestricted funds. The previous policy limited expenditures to the interest and dividends earned by the investments the previous year. As a spending policy the committee will be proposing a policy that allocates 4% of the average of the Endowment Fund's total portfolio value for the 3 preceding years for expenditure during a given fiscal year. As part of this calculation they also propose to increases the minimum balance to be maintained in the Endowment Fund from $100,000 to $200,000 to produce a meaningful amount of funds annually. No changes are proposed as to the kinds of activities or programs that can be funded from the Endowment Funds.

Clearly defines how restricted and unrestricted funds will be handled. This is new text needed to accommodate UPMIFA and FABS changes.

Requires written documentation of all investment decisions.

The Financial Accounting Board Standards:
Changes the definition of Restricted and Unrestricted Funds. This required that we delete the existing references and replace them with the new definitions. This change affects the spending policy outlined above.

Additional changes and additions:
Formalizes the decision that the Endowment Fund Committee may utilize the services of a professional financial management firm to manage fund investments, if needed.
Clarifies the rolls of the Endowment Fund Treasurer and Financial Advisor within the committee.
As part of the new spending policy, new text outlines how the committee will solicit requests for projects or activities that be funded from the available funds unrestricted funds.
Changes the order that various sections of the operating procedures are presented.

The Endowment Fund Committee will hold a final discussion of the proposed changes at its annual meeting to be held Friday, April 27th from 10:00 – Noon. It is open to all delegates and officers. We will meet upstairs in the Pioneer Hall at the fairgrounds.

If you would like a copy of the complete text of the resolution in advance of the meeting please send an e-mail request to Jim Brain, Endowment Fund Financial Advisor at jrbrain233@outlook.com. Please include your club name in your request.

Your Opportunity to Help the Federation

The Endowment Fund Committee is looking for a person to serve as the committee’s Secretary. This is a volunteer opportunity to support the federation that involves only a couple hours a month of your time.

The Endowment Fund Committee meets as a group once a year in conjunction with the Annual Federation Meeting. Other business, if needed, is conducted via e-mails or telephone communications. The position is appointed annually by the NFMS president at the recommendation of the Endowment Fund Committee Chairperson to serve a one-year term but may be reappointed by mutual agreement between the individual and the NFMS president.

The primary duty of the Secretary is to keep minutes for the permanent record, documenting the discussions and actions taken by the Endowment Fund Committee at its annual meeting. Other duties may be assigned by the committee chairperson as needed.

Other requirements include:
- The individual must be a current member of a member society of the Northwest Federation of Mineralogical Societies.
- Be available to serve as an active participant in the operation and management of the Endowment Fund Committee.
- Having access to a computer and the internet to facilitate communications with other committee members.

If you are interested please contact the Endowment Fund Committee Chairperson, Jack Edwards at jcedwards1475@hotmail.com or 509-520-1182.
A belated Happy Valentine’s Day. On this day we hand out valentines, purchased or hand-made, to those around us that we love and interact with on a regular basis. It gives us a warm and cozy feeling. How about doing that more than just on the one day each year? Maybe not a paper valentine but a valentine just the same. A hug (ask first) or a smile or a helping hand can be a valentine that can be given any day, at any time.

I was walking around Michael's looking at art supplies this morning and there was a little girl tagging along with her mommy. She looked up at me and I smiled and her face broke into the biggest smile I have ever seen. Warm and cozy!! Smiles are free. You do not even have to purchase or make a valentine smile. Just turn up the corners of your mouth and let it brighten up your eyes.

Reach out a helping hand valentine. Open a door, pick up something someone has dropped and give it back to them (both good exercise too). :)

Smile as you do it and brighten up someone’s day. We need that right now in the political climate we live in and in the cold winter climate too.

I just had an idea that some might want to try and it won’t cost too much. Many stores are closing out their boxed valentines. Pick up one or more for pennies on the dollar and at different times of the year give one to someone that is hurting or just randomly to a friend. Leave one on the bus for someone to find (I know that might be considered littering but maybe someone unknown to you will need it).

Today is not February 14th but I wish each and every one of you a Happy Valentine’s Day filled with love and kindness.
Friday 1:00-2:00 Melanie Swick Central Washington University

Melanie is a masters student at Central Washington University. She is studying geology with a focus on snow studies. She realized that geology had won her heart after she began studying glacial geology as an undergraduate at St. Lawrence University in New York State. After moving to the Pacific Northwest she realized she could combine her passion for geology with her passion for the outdoors. During her spare time she can be found in the mountains skiing, snowboarding, hiking, and rock climbing. The title of her presentation will be "Partitions of Light Absorbing Aerosols Using a Novel Hyperspectral Microscopy Method".

Friday 2:00-3:00 Greg Carr North America Research Group

The North America Research Group (NARG) is a group formed to promote research and provide paleontological information related (and not limited to) events, identification, and legal collecting and preparation of fossils. Greg will be giving an overview of their organization and some of the projects they have participated in.

Saturday 11:00-12:00 Bob Pattie

Bob has been an active rockhound and member of the Boeing Employee's Mineralogical Society, Inc., Cascade Mineralogical, and the Washington State Mineral Council for over 40 years. He is an author of "Gems and Minerals of Washington", a pamphlet published by the State of Washington Department of Natural Resources and also an article in the Rocks & Minerals Washington State Issue titled "Collecting Sites or Agate in Washington State". He has supported the DeLorme issue of the "Washington Atlas and Gazetteer". Bob has also been a contributor to the Washington State Mineral Council's "Wagon Masters Maps" which identifies collecting sites in Washington. He has also supported the Department of Natural Resources in the Snoqualmie Corridor recreation Planning Committee as the rockhound recreation representative. And finally Bob has provided many public information talks for schools groups, clubs, and scouts. The title of Bob's presentation will be "Gemstones in Washington". He will show samples of gemstone specimens found in Washington that showcase localities and maps that can be found in the Wagon Master Map Book.

Saturday 1:00-2:00 Bruce Bjornstad

Bruce Bjornstad is a licensed geologist/hydrogeologist and retired Senior Research Scientist from Battelle's Pacific National Laboratory. He received a Bachelor's degree in geology from the University of New Hampshire and Masters in geology from Eastern Washington University. During his 35 year career he has written numerous documents and reports on the geology of the region as well as two geologic guidebooks on Ice Age floods that transformed the Pacific Northwest as recently as 13,000 years ago. Bruce is also the creator of an online YouTube channel titled: "Ice Age Floodscapes." Bruce will be delivering a talk on the Ice Age Floods.

Saturday 2:00-3:00 Darryll Powell (Diamond Dan)

Florida native Darryl Powell and owner of Diamond Dan Publications will be flying in courtesy of the NFMS to participate in several venues at the show. Some of the publications he offers for sale on his website are The Best Bathroom Book for Mineral Collectors Ever Written, Diamond Dan's Mineralogical Dictionary For Mineral Collectors, and Minerals Of The USA. Darryll has extensive knowledge of minerals, their properties, and locations where they can be found. He is especially gifted at taking complex mineral concepts and adapting them so that children can understand. Darryl will be presenting two talks at the show. The first will be on specimen mineralogy and the second will be on building and maintaining a vibrant and fun juniors program. He will also be helping out at the Juniors Table. Make sure you find time to stop by, say hi, pick his mind, and peruse the materials he will be bringing with him.

Saturday 3:00-4:00 Nick Zentner Central Washington University

Nick hails from the geology department at Central Washington University where he teaches very popular undergraduate classes. His class field trips are the best as he makes use of local geology to embellish the concepts he covers in his courses.

Nick received a BS in geology in 1986 from the University of Wisconsin-Madison and an MS in geology in 1989 from Idaho State University-Pocatello. In 2015 he received the prestigious James Shea Award, a National Association of Geoscience Teachers Award which recognizes exceptional delivery of earth science content to the general public. Past Shea Award recipients include John McPhee, Jack Horner, Robert Ballard, and Stephen Jay Gould.

Nick is a tireless promoter of everything that has to do with the field of geology and is a master of taking complex concepts and making them understandable to the general public. His public field trips are attended by hundreds of people. For these he provides detailed geology maps and information that make the landscapes of Washington State come alive. His current video projects include "Nick On The Rocks" with 6 episodes that were produced by CWU for KCTS (PBS- TV in Seattle, WA) and "Downtown Geology Lectures" which has 22 lectures (60 minutes each) that were also produced by CWU.

His past video projects include:
- I-90 Rocks and other Special Topics (6 episodes)
- 2 Minute Geology (17 episodes)
- Central Rocks-Roadside Geology (8 episodes)
- Central Rocks Interviews with Geologists (33 episodes)
- Nick's afternoon talk will be in Liberty gold

Sunday 10:00-11:00 Darryll Powell (Diamond Dan)

This will be the second presentation Darryll will be giving at the show. The title of his presentation will be Building and maintaining a vibrant and fun Juniors Program.

[continued on the next page]
Pat McMahan was born in Los Angeles, California in 1947. At the age of eight he met Professor Ade, a well know rockhound who collected in the 1930’s. He taught Pat how to cut, polish, distinguish the various rocks, document his collection, and prepare displays for shows. Pat focused on rocks until he was 12 years old then set the hobby aside until he was about 38 and had kids of his own. He got a guidebook and took his wife Kathy and two boys Scott and Chad to the desert camping and rock collecting. With Professor Ade’s influence Pat came to love sagenite and plume agate. Little did Professor Ade know that he was creating a life-long obsession for Pat. Pat graduated from the University of Southern California in 1969. His major was business but he loved the earth sciences and studied geology, systematic botany and more. Upon graduation he worked in his family’s office furniture business and after 15 years opened his own retail stores in Santa Barbara and Ventura. Selling his business at age 42 and retiring, Pat has spent much of the past 30 years collecting agates. His long years of intensive collecting resulted in the best and most comprehensive collection of sagenite and plume agate in the world. More than 8,000 polished agate specimens from over 550 locations are in his collection. Most of these agates have been collected in the field by Pat himself. He has spent considerable time digging on the Laguna and Coyamito Ranches with Gene Mueller from thegemshop.com. He has dug “Condor Agate” at over a dozen localities in Argentina and has collected in all 11 Western states in the U.S., also in Canada and Alaska. In addition to plume, sagenite and dendritic agates, he has a collection of fine quality banded agates. He has displayed agates in rock shows in Europe and across the U.S. He has published articles in Rock and Gem Magazine and the German magazine Mineralien Welt and is the author of a chapter on agates with inclusions in the authoritative book “Agates II”. Pat has just completed “Agates, The Pat McMahan Collection”. This is a comprehensive book of 500 pages which includes 1,250 beautiful color photos of agates from 300 agate deposits worldwide. It shows personal collecting stories, prospecting techniques, history of some locations and more.

Sunday 1:00-2:00 Bron Mayo The Wenas Mammoth Foundation

Bron and her husband Doug are the driving force behind the Wenas Mammoth Foundation and the dig site on their property that led to its formation. Construction of an access road led to the discovery of the partial skeleton of a regionally rare Columbian Mammoth which was excavated by researchers from Central Washington University over several summer dig seasons. Since then Bron and her husband have been tireless advocates for science education as it applies to the dig site. Their mobile museum has been toured by thousands of students and adults and their outreach presentations at area schools have been well received. Bron has designed several hands on activities for kids that have been showcased at the Central Washington State Fair and other events around the Yakima Valley. She is also a tireless writer of grant proposals, the success of which has led to the development of both the mobile museum and infrastructure at the dig site. Bron will be giving an overview of the Wenas Mammoth Project.

NOTE: Being that it is still February this slate of speakers may or may not change by show time. Stay tuned for updates or any changes.

By Ken Zahn.
Bozeman, MT

Approx. Chemical Formula: \((\text{Mg}_2\text{Fe}^{2+})_3\text{Si}_2\text{O}_5(\text{OH})_4\)

A bit of personal history on my own love affair with Williamsite:

As a friend of the landowner during the mid-1980’s, I collected pieces of the translucent emerald-green williamsite at the Line Pit property just inside the Maryland side of the MD/PA state line -- (Isaac Tyson Jr.’s primary chromite mine in the mid-1800s, though first mined by Lowe before 1838 on the Pennsylvania side of the border). Lowe’s Pit was apparently later connected to the Line Pit shaft 60 feet away (at a depth of 92 feet) by a southeasterly trending inclined shaft. The massive chromite podiform ore-body was said to have been 50% Cr₂O₃ sheathed in a very thin shell of the williamsite, which then graded into the common serpentine host rock around the ore body. The chromite was sent to Baltimore and England and used in tanning leather and for color pigments, and the serpentine rind (including the williamsite) was "cobbed off" and left on the dumps.

I had seen my first fingernail-sized piece of beautiful green williamsite imbedded in fresh asphalt paving in a new parking lot on Aberdeen Proving Ground, Maryland, as I stepped out of my car on a torrid day in the summer of 1981. After prying the tiny piece out with a key (the asphalt was warm and soft), I asked around over several months and was told that it was a prized local Maryland material -- williamsite -- probably from crushed serpentine rock from Cedar Hill quarry. I was hooked!! Soon I had purchased copies of the more prominent references to chromite deposits in Maryland and Pennsylvania and decided to search for the Line Pit deposit, as many of the mineral clubs in the MD/PA had collected there in the '50s - '70s. The day I first visited in winter 1981, I did spot a nice piece under a half-inch of ice on the entrance path. The wetted piece I chipped from the iced-over puddle was beautiful emerald green and has been in my display case ever since. I was also met from behind by the shotgun of the then-current landowner who had seen my car parked just off the road nearby and came to find me.

As there were no "No Trespassing" signs posted in the brushy thicket around the path area at that time, and many clubs often collected there years earlier, the owner gave me a reprieve and I was careful to seek permission during the following 4 years of collecting trips. The material was hard to find as almost all the mine dump had been hauled off for road ballast -- apparently in the '50s or a bit later -- and grasses, trees, briars, and poison ivy had long since taken over. The area is no longer accessible (new ownership, heavily posted, and camera mountings).

By almost unbelievable coincidence, besides finding the correct mine on that first trip, and surviving a shotgun challenge as I picked up my first piece of williamsite, I also purchased a Baltimore-published 1839 copy of "Josephus" at a flea market in the area on the way home late that afternoon, inside the cover was an inscription presenting the copy to Jesse Tyson, then age 18, from his father Isaac Tyson Jr., in "Cold Stream," MD (NE Baltimore) in 1844. I had found the mine, found nice williamsite, gained collecting permission, and found the famous owner's (Isaac Tyson Jr.’s) 1844 gift copy of Josephus to his son Jesse -- all on one wintry-afternoon's exploration trip.

One of my best smaller "show-and-tell" williamsite pieces was in my pocket when I attended the Tucson Gem and Mineral Show in the early '90s. It passed across the counter to the hand of an Asian mineral dealer, who soon passed it to a carver in Taiwan, who then passed it back to me in a simple padded mailer envelope 2 months later, with a bill for $40 for having carved it. That carved piece (5 x 4 x 3 cm and 50 grams) is one of my most-treasured mineral specimens. The specimen's photo is also available on MINDAT, but shrinking the large file size for MINDAT limits the brilliant green color somewhat; Trust me -- the translucency and color are stunning, and the identification of the piece as serpentinite/antigorite, var. williamsite, fools almost everyone because of the dramatic color, but the difference between williamsite and other familiar varieties of serpentinite (such as the pale yellow-green bowenite, etc.) is striking. Also, there is no fibrous nature or "undercutting" when working with my williamsite pieces, as is common when working with more-typical antigorite samples from other chromite deposits in the State Line area.

You can imagine my total shock when I learned years later that someone had managed to convince the Maryland Legislature into changing the experts' consensus designation of "Maryland's gemstone" from the beautiful and unique williamsite to a drab river rock material that looks more like a non-descript buff-colored jasper. What a tragedy, as the photos of what I consider to be Maryland’s TRUE gemstone -- williamsite -- clearly show.


By Ken Zahn
HISTORIAN NOTES

NFMS CONVENTION HISTORY:

Sept 2, 3, & 4, (Labor Day Weekend) 1950: (Tenth Annual Convention) Hosted by Columbian Geological Society in Armory in Spokane, Washington. Attendance was so good that regular convention days adopted as such. Displays totaled 150. Auction proceeds used to defray costs. NFMS now owned 24 display cases. $1 registration fee voted and approved for convention. Membership at 2400. Officers were President Dale Lambert (Spokane, Washington), Vice-president A. W. Hancock, Secretary Mrs. Richard Rice, and Treasurer Paul Brannon.

Sept 1, 2, & 3 1951: Hosted by Tacoma Agate Club in Fellowship Hall in Tacoma, Washington. NFMS hosts AFMS convention for first time. (AFMS 4th annual convention, NFMS 11th annual convention). Attendance was 7500 approximately. Officers were President A. WW. (Lon) Hancock (Portland, Oregon), Vice-president Al G. Bowman, Secretary Helen Rice, & Treasurer Miss Mabel Sturgis.

Sept 1952: Hosted by Owyhee Germ & Mineral Society on College of Idaho gymnasium in Caldwell, Idaho. Total clubs now 66 with 14 joining this year. Membership is 3500. Business meeting delegates approved 5 cents per capita for the year. Officers were President Earl Van Deventer (Caldwell, Idaho), Vice-president Paul Brannan, Secretary Mrs. A. W. (Berrie) Hancock, and Treasurer Miss Mabel Sturgis.

1953: Hosted by Oregon Agate & Mineral Society in Civic Auditorium in Portland, Oregon. Committee appointed to rewrite the constitution & By-laws. It was agreed to hire a Parliamentarian who is not a member of the organization. Officers were President Paul Brannan (Spokane, Washington), Vice-president Mrs. A. W. Hancock, Secretary Mrs. Roger Bale, and Treasurer Mrs. L. F. Runyon.

1954: Hosted by Eugene Mineral Club on University of Oregon campus. Officers were President Paul Brannan (Spokane, Washington), Vice-president Mrs. A. W. Hancock, Secretary Mrs. Bernice Bale, and Treasurer Quinton Jackson.

Labor Day Weekend 1955 (15th Annual Convention): Hosted by the Yakima Rock & Mineral Club at Central Washington Fairgrounds in Yakima. New constitution and By-laws were adopted. “THE NORTHWEST MINERAL NEWS” was accepted as official organ of the Federation. Directory was to be printed annually from this year on. Officers were President Mrs. A. W. (Berrie) Hancock (Portland, Oregon), Vice-president J.W. Dochow, Secretary Mrs. June Morse, and Treasurer Mrs. Leslie Allebaugh. AFMS president was J. Lewis Renton.

1956: Hosted by Idaho Gem Club at Boise Junior College in Boise, Idaho. Officers were President John Dochow (Yakima, Washington), Vice-president Roy Whipple, Secretary Berrie Hancock, and Treasurer Mrs. Leslie Allebaugh.

1957: Held in Tacoma, Washington with largest NFMS show including 275 display cases. First time Rules and Awards Committee (comprised of 3 people) served for the year. First Nominating Committee organized and a Custodian of Properties appointed. Officers were President Mrs. Leslie (Alice) Allebaugh (Boise, Idaho), Vice-president Joe Harbaugh, Secretary Berrie Hancock, and Treasurer Mrs. Nick Mueller.

1958: Hosted by Horse Heaven Gem and Mineral Societies Incorporated at Pasco High School in Pasco, Washington. The “NORTHWEST MINERAL MAGAZINE” ceased publication leaving the Federation without an official magazine. Officers were same as 1957.

1959: The National Gem Fair (combined NFMS & AFMS show) was Hosted Oregon Agate & Mineral Society at Civic Auditorium basement in Portland, Oregon. Membership is 7000 members with 113 clubs. Officers were President Joe Harbaugh (Tacoma, Washington), Vice-president Albert J. Keen, Secretary Berrie Hancock, and Treasurer Betty Annon.

---

2018 GEM SHOW
Hosted By Lakeside Gem & Mineral Club
22nd Annual Show
Saturday, April 21st – 10 am to 5 pm
Sunday, April 22nd – 10 am to 4 pm
Benton County Fairgrounds
1500 S. Oak St., Kennewick, WA

Adult Admission $5 (good for both days)
Children 14 and under FREE
with paid adult admission

Events & Activities Include:
- 40+ Collectors' Exhibits
- Great Door Prizes
- Gem, Mineral, Fossil & Jewelry Dealers
- Fluorescent Displays
- Kid's Korner – Games & Crafts
- Silent Auctions
- Geode Cracking

Demonstrations Include:
- Cabochon Fashioning
- Gemstone Faceting
- Gem Trees
- Sphere Making
- Silversmithing
- Wire Wrapping
- Jewelry Fabrication

Bring This Flyer To The Show For $1.00 Off Price Of Admission
(Good for One Person per Flyer)

PRESIDENT'S DAY
FEBRUARY 19, 2018
<table>
<thead>
<tr>
<th>Date</th>
<th>Show Name</th>
<th>Location</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 3 &amp; 4</td>
<td>East King Co Rock Club</td>
<td>Pickering Barn 1730 10th Avenue NW Issaquah WA</td>
<td>Cindy Smith <a href="mailto:showchair@eastkingco.com">showchair@eastkingco.com</a> 206 953 3456</td>
</tr>
<tr>
<td>March 3 &amp; 4</td>
<td>Owyhee Gem &amp; Mineral Society</td>
<td>O’Connor Field House 2200 Blaine, Caldwell, Idaho</td>
<td>Darrell Ehlers 208-674-1213 <a href="mailto:dichtman3@fmc.com">dichtman3@fmc.com</a></td>
</tr>
<tr>
<td>March 9 &amp; 10</td>
<td>Panorama Gem and Mineral Club</td>
<td>Colville Fairground Conner Ag and Trade Center 317 West Astor, Colville WA</td>
<td>Bill Allen 509 936 2446 <a href="mailto:Sago2@hotmail.com">Sago2@hotmail.com</a></td>
</tr>
<tr>
<td>March 10 &amp; 11</td>
<td>Magic Valley Gem Club</td>
<td>Twin Falls County Fairgrounds 215 Fair Avenue Filer ID</td>
<td>Chris Funk 208 539 5369 or Jon Croner 208 293 5846 <a href="mailto:rmetz@cablehome.net">rmetz@cablehome.net</a> Magic Valley Gem Club PO Box 725 Twin Falls ID 83303</td>
</tr>
<tr>
<td>March 10 &amp; 11</td>
<td>Rock and Arrowhead Club</td>
<td>Klamath Co. Fairgrounds 3531 South 6th Street Klamath Falls OR</td>
<td>Laura Limb 541 281-8058 P.OB 1803 Klamath Falls Rd., 97601 or Garwin Carlson 541 882-8276</td>
</tr>
<tr>
<td>March 10 &amp; 11</td>
<td>Northwest Montana Rock Chucks</td>
<td>Flathead County Fgrnds Expo Building, 265 North Meridian Rd, Kalispell MT</td>
<td>Lloyd Fager oldgr <a href="mailto:yawell@sbglobal.net">yawell@sbglobal.net</a> 608 436 0780</td>
</tr>
<tr>
<td>March 16, 17, &amp; 18</td>
<td>Twinpanogos Gem and Mineral Society</td>
<td>Spanish Fork Fairgrounds 475 South Main Street Spanish Fork, UT</td>
<td>Keith Fackrell at 801-592-0410 <a href="mailto:krfackle@comcast.net">krfackle@comcast.net</a> Karl Brough at 435-660-0032 <a href="mailto:kbrough@comcast.com">kbrough@comcast.com</a></td>
</tr>
<tr>
<td>March 17 &amp; 18</td>
<td>Hellgate Mineral Society</td>
<td>Hilton Garden Inn 3720 North Reserve St. Missoula MT</td>
<td>Bob Riggs 406 543-6367 <a href="mailto:robertyriggs@gmail.com">robertyriggs@gmail.com</a></td>
</tr>
<tr>
<td>March 23-25</td>
<td>Rock Rollers Club of Spokane, WA</td>
<td>Spokane Fair &amp; Expo Center, N.604 Havana at Broadway, Spokane WA</td>
<td>Mike Shaw 509 251-1574 <a href="mailto:showchair@rockrollers.org">showchair@rockrollers.org</a></td>
</tr>
<tr>
<td>March 11 &amp; April 1</td>
<td>Sweet Home Rock and Mineral Society</td>
<td>Sweet Home High School Gym, 1641 Long Street Sweet Home OR</td>
<td>Ed Anderson 541 451 1577 ed@<a href="mailto:4rocks@gmail.com">4rocks@gmail.com</a> or Bob Rose, <a href="mailto:bobbrasay@gmail.com">bobbrasay@gmail.com</a></td>
</tr>
<tr>
<td>April 7 &amp; 8</td>
<td>Springfield Thunderegg Rock Club</td>
<td>Goshen Grange 856208 Dillard Access Rd. Eugene, OR 97405</td>
<td>Trish Adams c adms <a href="mailto:h22@comcast.net">h22@comcast.net</a> 541 517-3617</td>
</tr>
<tr>
<td>April 7 &amp; 8</td>
<td>South East Idaho Gem and Mineral Society</td>
<td>North Bannock County Fgrnds, 10588 Fairground Dr., Pocatello ID 83201</td>
<td>Larry Manhart <a href="mailto:mlarry15@msn.com">mlarry15@msn.com</a> 208 705 7273</td>
</tr>
<tr>
<td>April 13, 14, &amp; 15</td>
<td>Williamette Agate and Mineral Society</td>
<td>Polk County Fairgrounds 520 S Pacific Hwy W Rickreall, OR 97371</td>
<td>Mini Surgeon PO Box 1304 Salem OR 97309 <a href="mailto:wams.rivergem@gmail.com">wams.rivergem@gmail.com</a> <a href="http://www.WAMS.net">www.WAMS.net</a></td>
</tr>
<tr>
<td>April 13, 14, &amp; 15</td>
<td>Golden Spike Gem and Mineral Society</td>
<td>Golden Spike Event Center Weber County Fairgrounds 1004 N 1200 W Ogden UT 88440</td>
<td>Deborah Blake 385 203 9187 <a href="mailto:gemshow@goldenspikegem.org">gemshow@goldenspikegem.org</a></td>
</tr>
<tr>
<td>April 14 &amp; 15</td>
<td>Maplewood Rock and Gem Club</td>
<td>Maplewood Rock and Gem Clubhouse, 8802 190th St SW, Edmonds WA</td>
<td>Mary Ann Collins 206 714 3922 <a href="mailto:collma1@comcast.net">collma1@comcast.net</a></td>
</tr>
<tr>
<td>April 21 &amp; 22</td>
<td>Lakeside Gem and Mineral Club</td>
<td>Benton County Fairgrounds 1500 South Oak Kennewick WA</td>
<td>Mary Lou O’Meara 509 783 2799 PO Box 6652 Kennewick WA 99336</td>
</tr>
<tr>
<td>April 21 &amp; 22</td>
<td>Idaho Falls Gem and Mineral Society</td>
<td>Idaho Falls Recreation Center, Corner of Memorial Drive and B Street, Idaho Falls ID</td>
<td>Randy Okonovy <a href="mailto:jfrockhounds@gmail.com">jfrockhounds@gmail.com</a> 208-529-8195 <a href="http://jrockhounds.com">http://jrockhounds.com</a></td>
</tr>
<tr>
<td>April 27 &amp; 29</td>
<td>Yakima Rock and Mineral Club</td>
<td>Central WA State Fair Park Modern Living Building and Pioneer Hall 1301 South Fair Avenue Yakima WA 98901</td>
<td>Ken Fair or Roman Winkler <a href="mailto:yakima_rockandsh12@yahoo.com">yakima_rockandsh12@yahoo.com</a> 509 433 7841 Yakima Rock and Mineral Club PO Box 326 Yakima WA 98907 <a href="http://www.yakimarockclub.com">www.yakimarockclub.com</a> <a href="http://www.facebook.com/YakimaRockandMineralClub">www.facebook.com/YakimaRockandMineralClub</a></td>
</tr>
<tr>
<td>April 27, 28, &amp; 29</td>
<td>Mt Hood Rock Club</td>
<td>Jacobson Armory 6255 NE Cornfoot Road Portland OR 97218</td>
<td>Wayne King <a href="mailto:nmrhrocks@gmail.com">nmrhrocks@gmail.com</a>, <a href="mailto:WFCrystalsWoodz@aol.com">WFCrystalsWoodz@aol.com</a> 303-284-7915 <a href="http://www.thehwoodrockclub.com">www.thehwoodrockclub.com</a></td>
</tr>
<tr>
<td>April 28 &amp; 29</td>
<td>West Seattle Rock Club</td>
<td>Alki Masonic Temple 4736 46th Avenue SW Seattle WA</td>
<td>Diane Christensen <a href="mailto:dchristensen59@gmail.com">dchristensen59@gmail.com</a> 206 582 2267, <a href="http://www.westseattlerockclub.org">www.westseattlerockclub.org</a></td>
</tr>
<tr>
<td>April 28 &amp; 29</td>
<td>Grays Harbor Gem and Geology Society</td>
<td>Elma County Fair and Event Center 43 Elm-Aceley Road Elma WA</td>
<td>Gary Emberyler 624 Fairmont Place Aberdeen, WA 98520 360 333 6196 <a href="mailto:melissaj24@hotmail.com">melissaj24@hotmail.com</a></td>
</tr>
<tr>
<td>May 5 &amp; 6</td>
<td>Umpqua Gem &amp; Mineral Club</td>
<td>Douglas County Fairgrounds I-5 Exit 123 Roseburg OR</td>
<td>Jim Barber PO Box 1264 Roseburg OR 97470 541 378 8264 <a href="http://www.facebook.com/Umpquagem">www.facebook.com/Umpquagem</a></td>
</tr>
<tr>
<td>May 5 &amp; 6</td>
<td>Everett Rock and Gem Club</td>
<td>Everett Community College 2206 Tower Street Everett WA</td>
<td>John Peterson 425 402 9227 PO Box 1615 Everett WA 98206-9206 Website: <a href="http://www.everettrockclub.com">www.everettrockclub.com</a></td>
</tr>
<tr>
<td>May 12 &amp; 13</td>
<td>Bozeman Gem and Mineral Club</td>
<td>Gallatin County Fairgrounds Building 91, 901 North Black Bozeman MT</td>
<td>Brad Somers, 406-548-1776 or Linda Johnson, 406-580-3419 <a href="mailto:brcmmt@gmail.com">brcmmt@gmail.com</a></td>
</tr>
<tr>
<td>May 19 &amp; 20</td>
<td>Bitterroot Gem and Mineral Society</td>
<td>Ravalli County Fairground 100 Old Corvallis Road Hamilton MT</td>
<td>Deb Strickland <a href="mailto:mntiper@qci.net">mntiper@qci.net</a> 406 363 3194</td>
</tr>
</tbody>
</table>
NFMS Clubs’ Show Schedule

<table>
<thead>
<tr>
<th>May 26 &amp; 27</th>
<th>Oregon Coast Agate Club</th>
<th>National Guard Armory</th>
<th>George Mazeika</th>
<th>541 SW Coast Hwy, Hwy 101, Newport OR 97365</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sat. 10 – 5</td>
<td>Sun. 10 – 4</td>
<td></td>
<td></td>
<td><a href="mailto:georgemazeika58@gmail.com">georgemazeika58@gmail.com</a></td>
</tr>
<tr>
<td>June 1, 2, &amp; 3</td>
<td>Puget Sound Gem and Mineral Club</td>
<td>Swiss Park</td>
<td>Nancy LeMay</td>
<td>9205 198th Avenue East Bonney Lake WA 98390</td>
</tr>
<tr>
<td>Fri. 10 – 5</td>
<td>Sat. 10 – 5</td>
<td></td>
<td></td>
<td>pvgem.com, PO Box 134 Puget Sound, WA 98371</td>
</tr>
<tr>
<td>Sun. 10 – 5</td>
<td></td>
<td></td>
<td></td>
<td><a href="mailto:info@pvgemclub.org">info@pvgemclub.org</a></td>
</tr>
<tr>
<td>June 2 &amp; 3</td>
<td>North Idaho Mineral Club</td>
<td>Kootenai County Fairgrounds</td>
<td>Mike Rose</td>
<td>4060 North Government Way, Coeur d’Alene ID</td>
</tr>
<tr>
<td>Sat. 9 – 5</td>
<td>Sun. 10 – 4</td>
<td></td>
<td></td>
<td><a href="mailto:Showchair2018@gmail.com">Showchair2018@gmail.com</a></td>
</tr>
<tr>
<td>June 9 &amp; 10</td>
<td>Butte Mineral and Gem Club</td>
<td>Butte Civic Center Annex</td>
<td>Pete Knudsen</td>
<td>PO Box 1643. Hayden ID 83835</td>
</tr>
<tr>
<td>Sat. 10 – 5</td>
<td>Sun. 10 – 5</td>
<td></td>
<td></td>
<td>406-490-5828 PO Box 4942 Butte MT 59702</td>
</tr>
<tr>
<td>June 15 – 17</td>
<td>Lower Umpqua Gem &amp; Lapidary Society</td>
<td>Reedsport Community Building</td>
<td>Bill Hendrickson</td>
<td>541 271 6816 <a href="mailto:Agra-tEicker44@outlook.com">Agra-tEicker44@outlook.com</a></td>
</tr>
<tr>
<td>Fri. 10 – 5</td>
<td>Sat. 10 – 5</td>
<td></td>
<td></td>
<td>Website: ReedsportRockandGemShow.com</td>
</tr>
<tr>
<td>Sun. 10 – 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>August 4 &amp; 5</td>
<td>Darrington Rock and Gem Club</td>
<td>Mansford Grange</td>
<td>Troy Lehman</td>
<td>360 391 3201 1153 <a href="mailto:littleexplorers@juno.com">littleexplorers@juno.com</a></td>
</tr>
<tr>
<td>Sat. 10 – 5</td>
<td>Sun. 10 – 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>August 11 &amp; 12</td>
<td>Maplewood Rock and Gem Club</td>
<td>Maplewood Rock and Gem Clubhouse, 8802 196* ST SW, Edmonds WA</td>
<td>Mary Ann Collins</td>
<td>206 714 3922 <a href="mailto:collma1@comcast.net">collma1@comcast.net</a></td>
</tr>
<tr>
<td>Sat. 9 – 5</td>
<td>Sun. 10 – 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>September 8 &amp; 9</td>
<td>Clallam County Gem and Mineral Association</td>
<td>Vern Burton Community Center</td>
<td>Kathy Schreiner</td>
<td>360 681 3811 or Kathy Bachman 360 681 3994 PO Box 98 Sequim WA 98382</td>
</tr>
<tr>
<td>Sat. 10 – 5</td>
<td>Sun. 10 – 4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>September 8 &amp; 9</td>
<td>Marcus Whitman Gem and Mineral Society</td>
<td>Walla Walla County Frgrnds. Community Center Bldng., 363 Orchard St. Walla Walla, WA</td>
<td>Jack L. Edwards, cell 509-520-1182 <a href="mailto:jceed-wards1475@hotmail.com">jceed-wards1475@hotmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Sat. 10 – 5</td>
<td>Sun. 10 – 4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>September 22 &amp; 23</td>
<td>Cascade Mineralogical Society</td>
<td>Green River College</td>
<td>Mark Hohn</td>
<td>32008 199th Ave. NE, Kent WA 98042 (253)-332-3736, <a href="mailto:showchair@casademineralogicalsociety.org">showchair@casademineralogicalsociety.org</a></td>
</tr>
<tr>
<td>Sat. 10 – 6</td>
<td>Sun. 10 – 4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 12 - 14,</td>
<td>Portland Regional Gem &amp; Mineral Show Association</td>
<td>Washington County Fair Complex, 873 NE 34th Ave., Hillsboro OR 97124 [Editor’s note: this venue will change]</td>
<td>Linda Harvey</td>
<td>541 991 7365 1016 <a href="mailto:info@portlandregionalgemandmineralshowassociation.com">info@portlandregionalgemandmineralshowassociation.com</a></td>
</tr>
<tr>
<td>Sat. 10 – 6</td>
<td>Sun. 10 – 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 27-28</td>
<td>Clackamette Mineral and Gem</td>
<td>Clackamas County Fair-gounds, 694 NE 4th Ave, Canby, OR 97013</td>
<td>Beth Heesacker, <a href="mailto:heesack-er@comcast.net">heesack-er@comcast.net</a>, 541 991 7365 1016 <a href="mailto:info@portlandregionalgemandmineralshowassociation.com">info@portlandregionalgemandmineralshowassociation.com</a></td>
<td></td>
</tr>
<tr>
<td>Sat. 9 – 6</td>
<td>Sun. 10 – 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>October 27 &amp; 28</td>
<td>Bellevue Rock Club</td>
<td>Vasa Park</td>
<td>Bruce Himiko</td>
<td>PO Box 1851 Bellevue, WA 98009 <a href="mailto:bellevuebergrockclub@comcast.net">bellevuebergrockclub@comcast.net</a></td>
</tr>
<tr>
<td>Sat. 10 – 6</td>
<td>Sun. 10 – 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>November 10 &amp; 11</td>
<td>Maplewood Rock and Gem Club</td>
<td>Maplewood Rock and Gem Clubhouse, 8802 196* ST SW, Edmonds WA</td>
<td>Mary Ann Collins</td>
<td>206 714 3922 <a href="mailto:collma1@comcast.net">collma1@comcast.net</a></td>
</tr>
<tr>
<td>Sat. 9 – 5</td>
<td>Sun. 10 – 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>December 8 &amp; 9</td>
<td>Maplewood Rock and Gem Club</td>
<td>Maplewood Rock and Gem Clubhouse, 8802 196* ST SW, Edmonds WA</td>
<td>Mary Ann Collins</td>
<td>206 714 3922 <a href="mailto:collma1@comcast.net">collma1@comcast.net</a></td>
</tr>
<tr>
<td>Sat. 9 – 5</td>
<td>Sun. 10 – 5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

See you in Yakima ! ! !

NFMS 80th Anniversary Show & Convention
Central Washington State Fairgrounds
Modern Living Building and Pioneer Hall
1301 Fair Ave, Yakima WA
April 27-29, 2018

Friday April 27 10:00am-6:00pm
Saturday April 28 10:00am-6:00pm
Sunday April 29 10:00am-4:00pm