



# NORTHWEST NEWSLETTER



TIME SENSITIVE MATERIAL

Northwest Federation of Mineralogical Societies  
Tom Burchard, Circulation  
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VOLUME 55, NO. 9 Northwest Federation of Mineralogical Societies SEPTEMBER 2015



## Hidemi Kira President

Hello to All,

My term as President has officially started as of September 1<sup>st</sup>. As wrote in my previous newsletter, it is an honor and I will try my best to serve the NFMS.

First of all, I would like to thank Warren Rood for leading the NFMS as the President last year. It was a pleasure to know him and to work with him for the past two years. He has done many things including introducing email distribution for this newsletter. And the field trip in September to the Owyhee area would not have

happened if Warren hadn't step up to coordinate the whole trip. He will have his duties as the immediate Past President, but I am sure he will still keep on supporting the NFMS in many ways.

I am looking forward to work with our new 1<sup>st</sup> VP, Jim Bosley, and 2<sup>nd</sup> VP, Keith Fackrell, together with our Treasurer, Lyle Vogelpohl, and Secretary, Judi Allison. Lyle is the encyclopedia of the NFMS and he has provided much help and support since the beginning of my involvement in the NFMS and Judi has supported me in many ways as well. I truly wish I will have continuous support from both of them.

Now, I would like to thank the Committee Chairs who have stayed in their positions and for the members who newly stepped up for other Committee Chairs. The NFMS is running strongly and smoothly with all the efforts of these wonderful members. We still need a person for the Historian position, so please consider volunteering if you are able to do so. The Historian material is currently kept in Tendoy, ID as mentioned in Warren's past article in the newsletter. It would be ideal to have a member who resides somewhere near that area and has room to store the material.

I would like to once again invite you to the Organizational Meeting to be held at the Rice Northwest Museum of Rocks and Minerals in Hillsboro on October 9<sup>th</sup> (Fri) starting 10 am. The details can be found in the notice and my article in the previous issue. And again, it will be a casual meeting where you can address any matter good for the NFMS or matters where you have concerns. If you have any problems or concerns we would like to solve them before the problem starts growing. And if you cannot attend and have any suggestions or concerns, please email me at [htkira@spiritone.com](mailto:htkira@spiritone.com) at least few days before the meeting. You will have free admission to the museum if you attend the meeting, so if you have not visited this great rock and mineral museum, please use this opportunity to enjoy it. And make sure you plan to visit the 35<sup>th</sup> Portland Regional Show held at Washington County Fairplex from Oct. 9<sup>th</sup> to 11<sup>th</sup> if you can come. Make it a really full weekend by venturing up to Kelso, Washington for the Pacific Northwest Friends of Mineralogy Symposium and check out their displays and vendors.

When I became the 2<sup>nd</sup> VP, I had help from Lyle to gather information on the NFMS membership since 2007 and have been keep track of the trend of the movement and wrote about it in the newsletter. I have asked through the newsletter if there were any known reasons for the gain or loss. After I receive the official year-end report of the membership for this year and see the trend, I would like to start hearing from the clubs which had a significant growth and see what the reasons for the growth are. There must have been something special done. It will be great if they can share their experience with the other clubs. On the other hand, there were some clubs where membership significantly declined last year. If there are some clubs which declined significantly this year, I would like to know what the reasons were and hope they can share their experiences with the other clubs.

As wrote in the past, numbers may not mean much in determining whether you are an active club or not. However, I still believe we need to have a fair amount of rockhound population in order to have our voice heard. You all know that the accessible land for rockhounds is shrinking every year. Field trips are an important part of this great hobby, especially for the juniors to learn and feel the gift from Mother Nature. It is a real experience you cannot possibly get through smart phones or computers.

Writing about memberships, here are some comparisons among the other Federations in the AFMS. Recently, I obtained the membership numbers from the each 7 Federations as of 2015 and added them to the data from 2007 I got last year. I don't know about the timing when they collected the numbers, but it will give us a rough idea of the trend. Compared to last year (2014), the NFMS increased 3% versus a 6% increase of total memberships in all the other Federations, so we did not do so well. However, our growth since 2007 showed a 43% increase and it was the best among all the Federations. The second growing Federation was 17% increase and the total increase of all 7 Federations was 2%, so we did very well over the years and hope it can be better.

There is a little bit more time this fall to enjoy more field trips. Hope everyone will enjoy the rest of the season.

I hope to see many of you on October 9<sup>th</sup> at the Rice Museum!

### NFMS Organizational Meeting Notice

October 9<sup>th</sup>, 2015

10 am – Noon

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

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### NEWSLETTER DEADLINE:

October – no newsletter  
November deadline- November 15th  
December – no newsletter

For deadlines and to submit articles  
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NFMS Website:

[www.amfed.org/nfms](http://www.amfed.org/nfms)

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The **AMERICAN LANDS ACCESS ASSOCIATION (ALAA)** is a 501(c)(4) organization. Its purpose is to promote and ensure the right of amateur hobby fossil and mineral collecting, recreational prospecting and mining, and the use of public and private lands for educational and recreational purposes; and to carry the voice of all amateur collectors and hobbyists to our elected officials, government regulators and public lands managers. Your annual individual/couple membership fee is \$25 which helps support their activities. Club membership is \$50 per year. Send to Treasurer, P.O. Box 54398, San Jose, CA 95154. Make checks payable to: American Lands Access Assn. Applications can be downloaded at: [www.amlands.org](http://www.amlands.org) on the left side of the page. For more information contact: Lauren Williams, acting-President at: [president@amlands.org](mailto:president@amlands.org) or P.O. Box 23, Tendoy, ID 83468

The **AFMS NEWSLETTER** is published monthly except Jan-Jul-Aug by the American Federation of Mineralogical Societies. Each NFMS member club should have three people (usually the Pres, Secretary, and Editor) receiving the AFMS Newsletter. If they are not, or if anyone else wants to subscribe (\$4.50 per year). Contact: AFMS Central Off., Steve Weinberger, P.O. Box 302, Glyndon, MD 21071-0302 [cebar62@aim.com](mailto:cebar62@aim.com) Make checks payable to "AFMS".

The **NORTHWEST NEWSLETTER** is the official publication of the Northwest Federation of Mineralogical Societies (NFMS) and is usually published ten (9) times per year. This publication is brought to you through your club membership in the NFMS. The purpose of the Northwest Newsletter is to keep all NFMS members informed of activities and events pertaining to the business and services of the Federation. The Newsletter is printed and mailed to approximately 3500 homes in six states by Oregon Lithoprint in McMinnville, Oregon.

**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, 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 used (cancelled) stamps is then donated to Cancer Research. The collected stamps can be sent to the Stamps Chairman, brought to the NFMS Annual Show or given to your Federation Director in your club.

**ATTENTION CLUB TREASURERS****Where to send your money**

To NFMS Treasurer for:

1. Dues and supplies
2. Donations for the general fund
3. Donations to Junior Achievement
4. Advertisement in this Newsletter

Send to: Lyle Vogelpohl, see Treasurer this page.

To NFMS Endowment Fund Treasurer for:

1. Donations to Endowment Fund
2. Memorial contributions

Make check payable to NFMS Endowment Fund, send to Endowment Fund Treasurer, 8810 37th Ave SW, Seattle, WA 98126-3617

To NFMS Scholarship Chairperson for:

1. Donations to AFMS Scholarship Fund
2. Memorial contributions to AFMS

Scholarship

Make check payable to AFMS Scholarship Fund.

Send to: Evelyn Cataldo (see Scholarship this page).

To AFMS Endowment Fund for:

1. Donations to AFMS Endowment
2. Memorials

Send to: See AFMS Newsletter

To ALAA Treasurer for:

1. Memberships, new and renewals
2. Donations
3. Make check payable to ALAA ( American Lands Access Assn) Treasurer, P.O. Box 54398, San Jose, CA 95154

NFMS WEB SITE: [www.amfed.org/nfms](http://www.amfed.org/nfms)

**NFMS NEWSLETTER AND WEBSITE ADVERTISEMENT**

Members, Non-members, clubs, etc. can advertise in the Northwest Newsletter. This service is provided to help defray the cost of printing and mailing the newsletter and is encouraged by the Federation. The only criteria for the ad is that it be hobby related (e.g. rocks, equipment, grit, shows, etc.).

Ads for the Northwest Newsletter are \$1.50 per square inch.

Example: 3" x 4" ad = 12 inches

12 inches x \$1.50 = \$18 per issue of the Newsletter

For an additional 50% of the cost of the Newsletter ad, you can have the same ad placed on the NFMS website for the same length of time. The Newsletter ad must be purchased to receive this additional advertisement.

**Do not send ads on colored paper** because the background will look gray in the ad. The Editor will send a billing statement to the customer which will include instructions to make payment to the NFMS Treasurer. For more information or questions, call, e-mail or write the Newsletter Editor

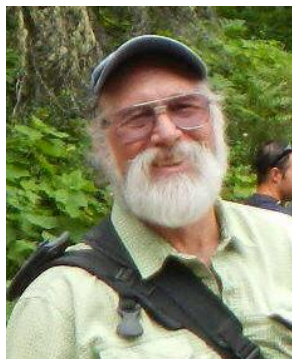


**See the NFMS on Facebook**

<https://m.facebook.com/groups/NFMS1>



## 1<sup>st</sup> VP's REPORT



### Jim Bosley 1<sup>ST</sup> Vice President

#### “leadership”

I received a book for Christmas on leadership, titled “You Don’t Need a Title to be a Leader”. I thought I would share some of the ideas from this book with you. It is in the context of “leadership” with a small “l” that I am writing.

“leadership” is simply described as being a positive influence on the people around you. “leadership” is about the small things each of us do every day. This “leadership” is the “leadership” of positive influence you exert to raise your families, do a good job at work, support your customers and colleagues, and support your friends and community.

The funny thing about “leadership” is that you may never know what impact you may have had on the people you interact with or mentor. Many years ago I coached a youth soccer team and 10 years later the father of one of the players told me that his son had not wanted to play that year. His son had a great time, enjoyed playing in every game and learned to love the game. After feeling successful that year his son went on to play soccer in Junior High, High School and College. You never know who you might inspire by giving them the opportunity to learn and have fun.

The main reason people become “leaders” is that they have a “passion” for life and for what they do. They look around and see something that needs to be done and take care of it; have an idea and encourage others to help them accomplish it to completion; and/or want to teach and share with others. Each society member has a “passion” for finding and working with rocks. I encourage each of you to share this “passion” by mentoring members (especially new members), your family, and your friends.

I am asking you to be a “leader” and provide a positive influence on your gem and mineral society by becoming involved with its activities and its members.

Gem and mineral societies need each member to aspire to “leadership” by:

- Making the organization better
- Seizing new opportunities and ideas
- Improving the service to the society
- Influencing others to be their best
- Solving problems
- Contributing to the betterment of others
- And making the world a little better
- Mentor new members and young people

Every organization, especially a volunteer organization; such as your gem and mineral society or rock hounding club, needs its members to be “leaders.” The following are opportunities for “leadership”, small things or ways you can help your gem and mineral society

1. **Visitors and New Members** – They are our future! Your society can use your help with the inclusion and retention of visitors/new members. Visitors and new members come to the society meetings because they have a passion for rocks and a desire to learn from the members. Many are shy and not sure what to ask or who to talk to. Many new members drop out of your society after the first year. WHY? As society members we have an obligation to identify the visitors’ or new members’ needs. Help them feel welcome and learn how to fulfill their passion. Please take time to visit with all visitors and become a friend, mentor, and teacher to new members and their families.
2. **Gem and Mineral Show** – Your show chairman needs members to take the lead in different phases of the show, set up, take down, organization and future planning. Please help make the show a fun time for all.
3. **Field Trips** – Your field trip chair and committee need ideas of where to go and members to be the Wagon Master for trips. The Wagon Master plans where to go, organizes maps, arranges for the trip, and sets meeting places and times.
4. **Education Committee** – The education chair and committee need help developing a curriculum and education kits for members to use when they present to a class or scout troop. The chair needs help with the planning and organization of learning opportunities for members and the community. Volunteer to start or work with the Junior Rock Hound Club since they are our future. Please help with ideas, knowledge, and time to reach and teach as many students, scouts, and people in the coming years.
5. **Fund Raising** – The fund raising chair needs ideas for fund raising and members that take the initiative to organize the event. The only fund raising activity for many clubs is the Gem and Mineral Show. For the most part it covers the operating costs of the society for the coming year. Additional funds are needed to improve the quality of the services and education to members, buy equipment, and activities for the community.
6. **Presentations and Demonstrations** – The program chair and his committee need your input to identify what topics the club is interested in learning about. This will help him arrange presentations or videos for the monthly meetings. If you have a skill or method you want to demonstrate to the society please let them know.
7. **Gem and Mineral Society Officers** – I encourage each member to consider running for an office in your society or the federation. The societies need your passion and skill to keep the society growing, to change with the times, and to meet the needs of rock hounds and your community.

To summarize we need you to use your passion for rocks and working rocks to make the society/club fun. Inspire others with your enthusiasm and share your knowledge with the next generation of rock hounds (our youth) as well as new members. You never know how you might change the world or ignite a mind with a spark of knowledge passed on to someone else.



## Enjoy the Fall



MISC. & ETC.

Field Trip – 2016

By Doug True



Now we are just under a year before the regional fieldtrips scheduled to in conjunction with the AFMS show and Sale in Albany the end of July next year.

It is time to start planning your next summer vacation!! Plan for Central Oregon next August 2nd thru the 6<sup>th</sup>, 2016. We will meet at the Crook County fairgrounds with 4-6 trips leaving every day to collect Agates, Jaspers, Thundereggs and petrified wood. Plan for potlucks, auction and lots of fun. There will be camping on the fairgrounds, and motels in Prineville. If you are thinking about being part of this, please contact me and give your input. Looking for ideas to add to the trips and make the experience one to remember

Doug True [dtruefossils12@yahoo.com](mailto:dtruefossils12@yahoo.com)

From the Editor’s Rockpile

By Beth Heesacker



Busy, busy, busy. Editing 4 newsletters, publishing a papermaking book for my handmade paper making group, coordinating my local art group, sorting and cataloging minerals, volunteering at Church, Bible study, occasional rockhounding, attending meetings and symposiums, coordinating our club’s upcoming show and being a wife, mother and grandmother keeps me on my toes. It also keeps me young. Birthdays can come and go and as long as I am busy and excited about what I am doing, they do not seem to matter much anymore.

I do not spend as much time watching tv, I do not play computer games, I don’t text or spend much time on the phone. I use my computer a lot but mostly for editing all those newsletters and for doing research. I try to learn at least one new thing each day. Life is good. Life is busy. Life is fun.

NFMS/AMFS 2016 Show Is Coming

Albany, Oregon

July 29-31, 2016



There will be an area for Junior Activities, and we would like to invite any club with Juniors to contact us if they would like to help in the Juniors area.

If your Juniors are doing Badge Activities, there are a couple of badges they can earn points toward by helping at a show. We also invite anyone with ideas for Juniors activities at the show to contact us, so we can have time to incorporate your ideas into our area. If you would like to be part of a small group discussion about Juniors Activities in your club (whether you already do some, or want some ideas), please let us know that also, as we hope to have just such a group time during the show.

Please e-mail or call Linda Groah, Juniors Chair for the show. [danlindagroah@gmail.com](mailto:danlindagroah@gmail.com), or call [503-873-6930](tel:503-873-6930).



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**Beta Is Better!!!**

9/15

**The Pacific Northwest Chapter  
 of the Friends of Mineralogy  
 and  
 The Fluorescent Mineral Society**  
 will co-host the  
**41st Annual Symposium  
 and Mineral Show**  
**October 9-11, 2015**  
**Red Lion Inn, Kelso, Washington**  
**Symposium Theme:  
 Minerals of the Northeast U.S. and  
 Fluorescent Minerals**

Free Admission to the Main Floor and Satellite Dealers

The Main Floor Show will feature a number of world-class mineral displays, including one from the Rice Northwest Museum of Rocks and Minerals. Displays of fluorescent minerals will be housed in a separate room.

9/15



MISC. & ETC.



**A Note of Thanks . . .**

I'd like to thank all of you who took in an 'outsider' from California many years ago, welcomed her with open arms and said, "Join us". My memories of all of you are overwhelming and I will never forget you...

...thanks for the memories, I only wish there could have been more.

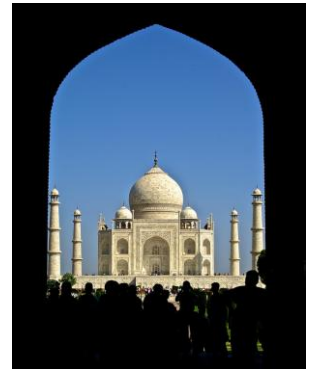
This is not an obituary, but I'm afraid I won't see many of the old friends from the NFMS in the future, but I will remember many of you with fondness. I am permanently here at my home in Southern California with little travel plans in my future.

Shirley Leeson

**SEVEN WONDERS OF THE PRESENT WORLD:**

A group of students were asked to list what they thought were the present Seven Wonders of the World. After some disagreement, the following got the most votes:

1. Egypt's Great Pyramids
2. India's Taj Mahal
3. USA's Grand Canyon
4. Panama's Canal
5. New York's Empire State Building
6. Rome's St Peter's Basilica
7. China's Great Wall



One little girl hadn't turned her paper in to vote, so the teacher asked if she was having trouble.

The girl

replies, "Yes, because there are so many." The teacher asked her to read what she had:

- to touch
- to taste
- to see
- to hear. . .she hesitated and then added
- to feel
- to laugh
- to love.

Those things we overlook as simple and ordinary are truly wondrous. May your life be filled with the world's Seven Wonders

Via Golden Spike 9/15, Petrified Log 5/04

**Words of Wisdom**

Most of us go to our grave with our music still inside of us.

Via BGMS Newsletter 9/15



Via Beehive Buzzer 8/15

"You can't help getting older, but you don't have to get old." *George Burns*

Via Beehive Buzzer 8/15

**Senior Citizens are Valuable:**

We have silver in our hair  
 Gold in our teeth,  
 Stones in our kidneys,  
 Lead in our feed  
 And we are loaded with natural gas.

Via Beehive Buzzer 8/15



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## MISC. & ETC.



*Recipe holder*



*Spray bottle holder*

Via Boulder Buster 9/15

## Hairy Gems

We think of rocks as hard, strong and boring. Then, all of a sudden, we are faced with something unearthly, al-most unnatural. How could anything like this exist in the harsh, natural world? Unfortunately, many of these crystal oddities are extremely delicate. They are seldom displayed because of the great possibility of destroying their frag-ile beauty. So, I have taken the idea of introducing you to some wonder-ful hairy gems.

Natrolite is a com-mon and popular zeolite mineral. Its radiating sprays of ice clear acicu-lar crystals are a hall-mark of this mineral and makes a fine specimen.



Cyanotrichite is a wonderfully colored mineral. Its bright azure to sky blue color is very impressive. Cya-notrichite typically forms acicular or hair like crystals ag-gregated into radial clusters, tufts and sprays. The color is very impressive for such tiny crystals. It is an aptly named mineral since cyano and trich are derived from the Greek for blue and hair, respectively. It is

formed from the oxidation of copper ore minerals along with other oxidation zone minerals.

Millerite is one of a few sulfide minerals that form fine acicular crystals that appear as hair-like fibers ag-gregated into sprays. It is a real bonus to quartz geode collectors from Indiana to Kansas to open up a geode and find a spray of brassy milerite crystals tucked inside. Millerite is also called "Capillary Pyrite" since it has a brassy yellow col-or that is close to the color of





py-rite. When found as brassy sprays inside of sparkling clear quartz geodes, millerite can make a wonderfully attractive and interesting mineral.

Tremolite is a relatively common mineral in some metamorphic rocks. One variety is composed of microscopically fibrous crystals called asbestos. Other minerals also form asbestos such as serpentine. Another variety of tremolite is called "mountain leather" or "mountain cork" and is an oddity in the mineral world. The tremolite fibers form a felted mass that has all the appearances and feel of a piece of cloth.



Rutile is an interesting, varied and important mineral. Rutile is a major ore of titanium, a metal used for high tech alloys because of its light weight, high strength and resistance to corrosion. Rutile is also unwittingly of major importance to the gemstone markets. It forms its own interesting and beautiful mineral specimens. Microscopic inclusions of rutile in quartz, tourmaline, ruby, sapphire and other gemstones, produces light effects such as cat's eye and asterisms (stars). A beautiful stone produced by large inclusions of golden rutile needles in clear quartz is called rutilated quartz.

Fragile, ethereal crystals, nature always surprises us with something new and delightful. Keep your eyes open, you never know what nature will show you next.

[Ed. Note: There are of course others including this 1 mm crystal of Mullite.



Via The Rockhouser Oct 2014

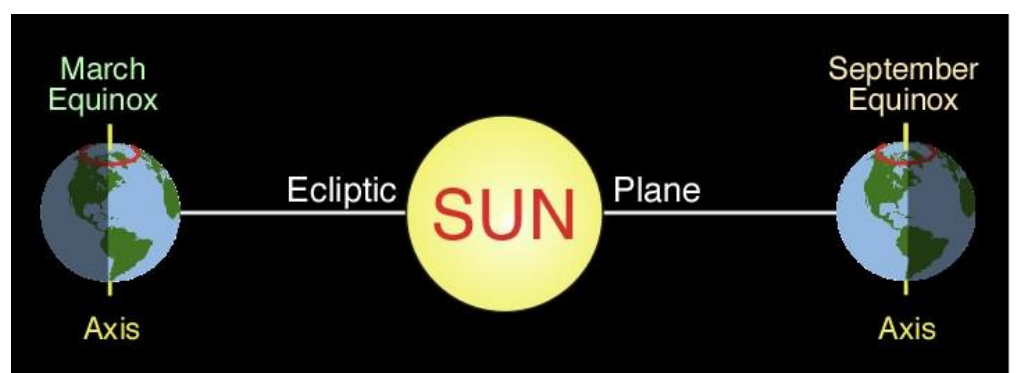
Via Port Moody Rock & Gem Newsletter 11/06, via Chipper's Chatter 9/14

Via Beehive Buzzer 11-12, 2014

**Sept 23**

**September Equinox**

*When the sun shines directly on the equator and the length of day and night is nearly equal.*





## NFMS MEMBERS' SHOW SCHEDULES

<b>September 12 &amp; 13</b> Sat - 10 - 5 Sun - 10 - 5	Marcus Whitman Gem and Mineral Society	Walla Walla Frngds., Com. Cntr. Bldg., 363 Orchard St., Walla Walla WA	Jack Edwards 509 529 3673 <a href="mailto:jcedwards1475@yahoo.com">jcedwards1475@yahoo.com</a>
<b>September 12 &amp; 13</b> Sat - 9 - 6 Sun - 10 - 4	Clallam County Gem and Mineral Association	Vern Burton Community Center, 308 East 4 <sup>th</sup> Street Port Angeles WA	Jennie Bourassa 360 681 0372 or Kathy Schriener 360 681 3811 PO Box 98 Sequim WA 98382
<b>September 19 &amp; 20</b> Sat - 10 - 5 Sun - 10 - 4	Southern WA Mineralogical Society	Castle Rock Fairgrounds 120 Fair Lane, Castle Rock WA	Chuck Sonner <a href="mailto:chucksnnr@yahoo.com">chucksnnr@yahoo.com</a> 360-785-3909.
<b>October 9, 10, &amp; 11</b> Fri - 10 - 6 Sat - 10 - 6 Sun - 10 - 5	Portland Regional Gem & Mineral Show Association	Washington County Fair Complex 873 NE 34 <sup>th</sup> Avenue Hillsboro OR 97124	L. Smith <a href="mailto:Portlandregional.DealerChair@gmail.com">Portlandregional.DealerChair@gmail.com</a> Portland Regional Gem and Mineral Show Association PO Box 5401 Portland OR 97228
<b>October 10 &amp; 11</b> Sat - 10 - 5 Sun - 10 - 5	Marysville Rock and Gem Club	Totem Middle School Café., 7 <sup>th</sup> Street and State Ave., Marysville WA	Brian Murril 425 346 9313 <a href="mailto:bmurril@aol.com">bmurril@aol.com</a>
<b>October 17 &amp; 18</b> Sat - 10 - 6 Sun - 10 - 5	Hells Canyon Gem Club	Nez Perce County Fair Building, 1229 Burrell Avenue, Lewiston ID	Dan Cease 509 254 1720 <a href="mailto:rockmangem@q.com">rockmangem@q.com</a> Website: <a href="http://www.hellscanyonclub.com">www.hellscanyonclub.com</a>
<b>October 17 &amp; 18</b> Sat - 10 - 5 Sun - 10 - 4	Hatrockhounds Gem and Mineral Society	Hermiston Conference Center, Highway 395 South, Hermiston OR	Mike Filarski, 541 571 2593 <a href="mailto:stonemorlin1@netscape.net">stonemorlin1@netscape.net</a>
<b>October 24 &amp; 25</b> Sat - 9 - 6 Sun - 10 - 5	Clackamette Mineral and Gem Club	Clackamas County Fairgrounds, 694 Ne. 4th Ave, Canby, OR 97013	Beth Heesacker, <a href="mailto:heesacker@coho.net">heesacker@coho.net</a> , 4145 NW Heesacker Rd., Forest Grove, OR 97116
<b>October 24 - 25</b> Sat - 10 - 6 Sun - 10 - 5	Bellevue Rock Club	Vasa Park, 3560 West Lake Sammamish Blvd SE, Bellevue WA	Bruce Himko <a href="mailto:bellevuerockclub@comcast.net">bellevuerockclub@comcast.net</a> PO Box 1851 Bellevue WA 98009
<b>November 7 &amp; 8</b> Sat - 9 - 5 Sun - 10 - 5	Maplewood Rock and Gem Club	Maplewood R&G Clubhouse, 8802 196 <sup>th</sup> ST SW, Edmonds WA	Don Wilcox 206 226 1868 <a href="mailto:tundrafox@earthlink.net">tundrafox@earthlink.net</a>
<b>December 5 &amp; 6</b> Sat - 9 - 6 Sun - 10 - 5	Winter Bazaar Maplewood Rock and Gem Club	Maplewood R&G Clubhouse, 8802 196 <sup>th</sup> ST SW, Edmonds WA	Mike Collins 206 714 6861
<b>Feb. 12-14, 2016</b> Fri - 9:30 - 5:30 Sat - 9:30 - 5:30 Sun - 9:30 - 5:30	Oregon Agate and Mineral Society	OMSI (Oregon Museum of Science and Industry) 1945 SE Water Avenue Portland OR	Ginny Deppa <a href="mailto:ginnydeppa@gmail.com">ginnydeppa@gmail.com</a> 503 232 0970
<b>Feb. 13 - 14, 2016</b> Sat - 9 - 5 Sun - 9 - 4	Whidbey Island Gem Club	Oak Harbor Senior Center 51 SE Jerome Street Oak Harbor WA	Keith Ludemann 360 675 1837 <a href="mailto:rock9@whidbey.net">rock9@whidbey.net</a>
<b>March 5 &amp; 6, 2016</b> Sat - 10 - 6 Sun - 10 - 5	East KingCo Rock Club	Pickering Barn 1730-10th Avenue NW Issaquah WA	Cindy Smith <a href="mailto:cndysmith@gmail.com">cndysmith@gmail.com</a> PO Box 2203, Redmond WA 98073
<b>March 12-13, 2016</b> Sat - 10 - 6 Sun - 10 - 4	Magic Valley Gem Club	Twin Falls County Fairgrounds, Merchant Building #1, 215 Fair Avenue, Filer ID	Shirley or Rocky Metts 208 423 4827 <a href="mailto:rmetts@magicvalleygemclub.org">rmetts@magicvalleygemclub.org</a>
<b>March 25-27, 2016</b> Fri - 10 - 6 Sat - 10 - 6 Sun - 10 - 4	Rock Rollers Club of Spokane WA	Spokane County Fair & Expo Center, N.604 Havana at Broadway Spokane WA	Vonnie Dillon 509 951 8173 <a href="mailto:showchair@rockrollers.org">showchair@rockrollers.org</a>
<b>July 29-31, 2016</b> Fri - 10 - 6 Sat - 10 - 6 Sun - 10 - 4	Willamette Agate and Mineral Society AFMS and NFMS MEETINGS	Linn County Expo Center, Albany Oregon	Janice Van Cura 541-753-2401 <a href="mailto:jvancura@peak.org">jvancura@peak.org</a> , <a href="http://www.wamsi.org">www.wamsi.org</a>

