



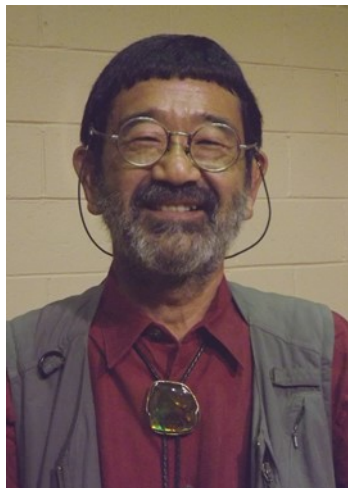
NORTHWEST NEWSLETTER



TIME SENSITIVE MATERIAL

Northwest Federation of Mineralogical Societies
Tom Burchard, Circulation
875 E. 4500 S
S Ogden, UT 84403-2913

VOLUME 56, NO. 7 Northwest Federation of Mineralogical Societies JULY 2016



Hidemi Kira President

Hello to All,

I am not sure when this issue will get to you, but I assume it will be delivered just about the time we will have the big event, NFMS/AFMS Combined Convention & Show in Albany, Oregon.

I would like to thank again the Show Chair, Janice Van Cura, her husband Joe and all the members of the Willamette Agate & Mineral Society (WAMS) for their hard work for a long period of time to prepare for this event. And there are many NFMS Club members and other Federation's members

who are helping with this event in so many ways such as putting in cases or displays and others. I would like to thank all those members as well.

Some of you may remember that WAMS has hosted the NFMS Convention & Show in the same location in Albany in 2005 and they had a wonderful show. It was a great show, but didn't have air conditioning at that time and I recall it was pretty warm inside. I heard that we do have air conditioning now, so it should be very pleasant.

Each regional Federation hosts the AFMS Convention & Show once in 7 years and if my research is correct, the last time Oregon's club has hosted was in 1989 by the Oregon Agate & Mineral Society. Especially for the clubs in Oregon, we don't know when the next time one of Oregon's clubs will host the AFMS Convention & Show again, but please plan to come when it is held in your neighborhood.

The Federation field trips to the Prineville area will start August 3rd. The base camp will be the Crook County Fairgrounds in Prineville. Please check out the details in Field Trip Chair Doug True's newsletter article. There will be several trips per day and the last day Sunday, August 7th will be the swap and the oral auction. The funds raised from the oral auction will help the NFMS, so please bring your nice rocks to donate if you are planning to come to the field trip!

As I have written so many times, I have been asking members of the growing clubs to write an article for the NFMS Newsletter about how and what they have done to grow their membership. There will be another great article for this July issue focused on junior activities. It is by the person in charge of the Lakeside Junior Rock Club in Kennewick, WA. The Lakeside Gem & Mineral Club has hosted the NFMS Mid-Year Meetings many times, so I am sure many of you have seen the Junior Rock Club's booth at their show. I was always impressed with how they operate the booth and with the juniors' cases at their show. Growing the junior members is one of the key factors for increasing membership and to have this wonderful hobby of ours to continue strong into future. I hope many of our clubs can learn from this article and start considering growing your junior members if you haven't done much yet.

I am sure the article for the August issue will be also focused on the juniors as well. As I wrote in the previous newsletter, the August issue will be the last article I am asking for. I hope the growing clubs who do something special will continue sharing their stories in the newsletter. Also please check again the previous newsletter article by NFMS Junior Program Chair, Audrey Vogelpohl regarding the Future Rockhounds of America Badge Program. A "Cracker Barrel" session on what this badge program is about is being planned during the AFMS/NFMS Convention. I am sure this will be a great opportunity to learn how to grow your junior members, so please plan to attend if you are in charge of your club's junior program or have interest in growing your juniors. From when I started collecting data on NFMS membership in 2007, the junior member count in 2007 was 343. It grew pretty well from there and peaked at 686 in 2012 and is now in a decreasing trend showing 585 in end of 2015. It is still much better than it was, but we need to boost the juniors for the future.

I have written about the movement of the NFMS membership since 2007 based on the year-end, which is August 31st of the year. This year's August 31st is the day my term ends, so I thought I will write a brief note on the membership change from last year based on the data as of the end of April 2016. The total membership has increased by 14 members and showed 6,316 (5,765 adults, 551 juniors). There should be some minor changes by the end of this fiscal year, but this shows that we maintained our membership although we lost quite a few juniors from last year's 599 to 551.

Overall, among the 67 NFMS Clubs, there were 40 Clubs (approx. 60%) that showed the same or higher membership compared to last year's numbers. However, the AFMS total membership increased 5% and the majority of the regional Federations have gained in their membership, so we did not do so well. I hope we all can figure out ways to improve.

I hope to see many of you in Albany!



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NEWSLETTER DEADLINE:

August Deadline: August 15th

For deadlines and to submit articles contact

Beth Heesacker
Email: nfmseditor@coho.net

NFMS Website:
www.amfed.org/nfms

To see this newsletter in living color and to see it usually by the first of the month

go to
<http://www.amfed.org/nfms/>

NFMS EXECUTIVE OFFICERS 2015-16

PRESIDENT: **Hidemi Kira**, Clackamette Mineral and Gem Club, 15455 S. Highland Rd., Oregon City, OR 97045, htkira@spiritone.com

1ST VICE PRESIDENT: **Jim Bosley**, Idaho Falls Gem and Mineral, 634 Tyson Ave., Idaho Falls, Idaho, 83401, (208)520-1819, jbosley@cableone.net

2ND VICE PRESIDENT: **Keith Fackrell**, Timpanogos Gem & Mineral Society, 2295 E. 700 S. Springville, Utah 84663, krfackrell@gmail.com

EXECUTIVE SECRETARY: **Judi Allison**, Hatrock-hounds Gem and Mineral Society, 1701 NW 11th. St., Hermiston, OR, 97882, 541-720-4950, nfmssec@gmail.com

TREASURER: **Lyle Vogelpohl**, West Seattle Rock Club, 8810 37th Ave. SW, Seattle, WA 98126-3617, (206) 932-3292, nfmstreasurer@comcast.net

NFMS STANDING COMMITTEES

BUDGET: **Jim Bosley**, 1st Vice President (see above)

BULLETIN AIDS: **Ronna Watkins**, Yakima Rock and Mineral Club, POB 635, Tieton, WA 98947, (509) 673-0085, 4ronna@gmail.com

CIRCULATION: **Tom Burchard**, Golden Spike Gem & Mineral Society, 875 E 4500 S, S. Ogden, UT 84403, (801) 479-4286, Roxhund@aol.com

COMPETITIVE EXHIBITS:

RULES AND AWARDS CHAIR: **Lauren Williams**, 957 E Elva Ave, Idaho Falls, ID 83401 (208) 529-6978

JUDGING DIRECTOR: **Evan Day**, 509 Highland Blvd, Brigham City, UT, 84302, 801-391-2912, eday@sisna.com

REGISTRAR: **Dee Holland**, PO Box 23, Tendoy, Idaho, 83468, 208-756-2394, beauholland@centrytel.net

CREDENTIALS: **Del & Clara Walker**, Central Oregon Rock Collectors, 12377 SE Davis Loop, Prineville, OR 97754, 503-812-6540, cdwalker@q.com

CUSTODIAN: **Keith Fackrell**, 2ND Vice President: (see above)

DIRECTORY: **Carol Willey**, Oregon Coast Agate, 929 Ojalla Road, Siletz, OR, 97380, 541-444-1360, going4rocks@outlook.com

ENDOWMENT FUND:

CHAIRMAN: **Edna Nelson**, Mt Hood Rock Club, #14025, PO Box 190, Jefferson, OR 97352-0190 (a mail forwarding address), (503) 397-5284, rockhound-stoo1966@yahoo.com

TREASURER: **NFMS Treasurer** (see above)

FINANCIAL ADVISOR: **Jim Brain**, Marcus Whitman Gem and Mineral Society, 6410 W Sundance Dr., Spokane, WA 99208, 509-863-9883, jrbrain@frontier.com

HISTORIAN: **OPEN**

JUNIORS CHAIR: **Audrey Vogelpohl**, West Seattle Rock Club, 8810 37th Ave. SW, Seattle, WA 98126-3617, (206) 932-3292, nfmsjunior@comcast.net

NEWSLETTER EDITOR: **Beth Heesacker**, Clackamette Mineral and Gem Corp., 4145 NW Heesacker Rd., Forest Grove OR, 97116, (503) 357-8804, nfmseditor@coho.net

NFMS Club-at-Large: **1st Vice President** (see above)

NOMINATING CHAIRMAN: **Warren Rood**, Marcus Whitman Gem and Mineral, 243 E. Birch, Walla Walla, WA 99362, warrenrood@yahoo.com

NORTHWEST ROCKHOUND RETREAT (Hancock): **Lamar Tilgner (Chair)**, Mt. Hood Rock Club, 200 SE Olvera Ave., Gresham, OR 97080, (503) 666-2905, lstilgner1@frontier.com

PAST PRESIDENTS COUNCIL: **Evelyn Cataldo**, Lakeside Gem & Mineral Club, 99509 Brandon, Kennewick, WA 99338, (509) 628-0170, cataldoevelyn@yahoo.com

PUBLIC LANDS ADVISORY: **Ben Odum**, 3511 N. Atlantic, Spokane, WA 99205 (509) 953-2470, rockroller_ALAA@yahoo.com

SLIDE/ VIDEO LIBRARIAN: **Darrell Watkins**, Yakima Rock and Mineral Club, P.O. Box 635, Tieton, WA 9894, (509)673-0085, darrell848@aol.com

RESOLUTIONS: **Fred Burton**, Golden Spike Gem & Mineral Society, 90 Lakeview, Tooele, UT 84074, (435) 882-8614, f7burton@gmail.com

SAFETY: **Tanya Sonner**, Southern WA. Mineralogical Society, 165 Tingle Rd., Winlock, WA. 98596, (360) 785-3909, chuckagate2@yahoo.com

SCHOLARSHIP: **Evelyn Cataldo**, Lakeside Gem and Mineral Club, 99509 Brandon, Kennewick, WA, 99338, (509) 628-0170, cataldoevelyn@yahoo.com

SHOW CHAIRPERSON 2016: **Janice Van Cura**, Willamette Agate & Mineral Society, Inc., 3448 NW Covey Run, Corvallis, OR 97330 (541)753-2401, jvancura@peak.org

SHOW COORDINATOR: **Pat Lambert**, Lakeside Gem & Mineral Club, 26106 S. Oak, Kennewick, WA 99337, palambert@charter.net

STAMPS: **Chuck Sonner**, Southern WA. Mineralogical Society, 165 Tingle Rd., Winlock, WA. 98596, (360) 785-3909, chuckagate2@yahoo.com

SUPPLIES: **Patty Amos**, Mt. Hood Rock Club, 15523 NE 214th Ave., Brush Prairie, WA98606, (360) 892-3716, packrats2@q.com

WAYS & MEANS: **Janice Van Cura**, Willamette Agate & Mineral Society, Inc., 3448 NW Covey Run, Corvallis, OR 97330 (541)753-2401, jvancura@peak.org

WEBMASTER: **Brad Larson**, Owyhee Gem and Mineral Society, 4112 E. Park Ridge Dr., Nampa, ID 83687, 208-465-1920, nfms.webmaster@gmail.com

NFMS SPECIAL COMMITTEES

FIELD TRIP CHAIRMAN: **Doug True**, Billings Gem & Mineral Club, 2622 Broadwater, Billings, MT 59102, 406.670.0506, dtruefossils12@yahoo.com

ROCKHOUND OF THE YEAR: **Bev Bockman**, Rock Rollers Club, P.O.Box 1326, Post Falls, ID 83577, (208) 773 5384, bockbb@aol.com

WEBSITE CONTEST: **Cheri George**, lizardwoman3@yahoo.com

AFMS COMMITTEES (NFMS Representatives)

AFMS 5TH VP & AFMS FIELD TRIP –Doug True

ENDOWMENT FUND- Judi Allison

EDITORS HALL OF FAME-OPEN

NEWSLETTER EDITOR-Beth Heesacker

NFMS CLUB BULLETIN AIDS-Ronna Watkins

ROCKHOUND OF THE YEAR-Evelyn Cataldo (chair) & Bev Bockman

CONSERVATION & LEGISLATION-Darlene Posthuma

ALL AMERICAN AWARD- Sean Hietpas

sean.hietpas@gmail.com

INTERNATIONAL RELATIONS-OPEN

JUNIORS PROGRAM-Audrey Vogelpohl

PROGRAM COMPETITION-Darrell Watkins

PUBLIC RELATIONS-OPEN

SAFETY-Chuck Sonner

SCHOLARSHIP FOUNDATION-Dee Holland (chair) & Evelyn Cataldo

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JUDGE TRAINING COMMITTEE-Dee Holland

UNIFORM RULES-Dee Holland

WAYS AND MEANS-Lauren Williams (chair) & Janice Van Cura

WEBSITE-Brad Larson

WEBSITE CONTEST – Cheri George

THINGS YOU SHOULD KNOW

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 on the left side of the page. For more information contact: Doug True, Billings Gem & Mineral Club, 2622 Broadwater, Billings, MT 59102, 406.670.0506, dtruefossils12@yahoo.com

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 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, 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 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:

Memberships, new and renewals
Donations

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

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.

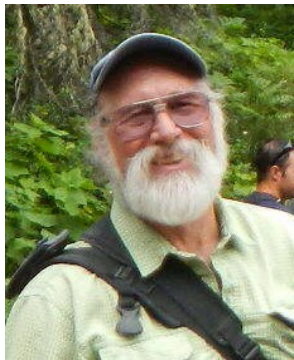
Do not send ads on colored paper because the back-ground will look gray in the ad. The Editor will send a billing statement to the customer which will include instructions to make payment to the NFMS Treasurer. For more information or questions, call, e-mail or write the **Newsletter Editor**



See the NFMS on Facebook

<https://www.facebook.com/groups/NFMS1>
(for the desktop/laptop/tablets)

<https://m.facebook.com/groups/NFMS1>
(for mobile devices like phones)



Jim Bosley 1st Vice-President

Hazards of Rock Dust and the Lapidary Artist

The purpose of this article is to make new lapidary artists aware of the potential hazards of rock dust and to allow experienced lapidary artists to evaluate the safety of their practices. Lapidary includes the cutting, carving, grinding, sanding, and polishing stones into useable and pleasing articles. These processes generate dust that needs to be managed and controlled to prevent the artist from breathing in the dust. The majority of stones favored by lapidary artists contain compounds that can be dangerous when inhaled.

Silicates are the most common stones used by lapidary artists. Silicosis has long been a hazard of hard rock miners (miner's consumption), masons and lapidary artists (grinder's consumption), as well as those with jobs in sandblasting and road construction. The symptoms as a result of inhaling crystalline silica (SiO) dust include shortness of breath, cough, fever, emphysema, pulmonary fibrosis, and lung scarring. Exposure to low doses of dust takes many years for silicosis to develop, but once established it is irreversible.

Silica Dust

Gemstones such as quartz, chalcedony, agate, amethyst, bloodstone, carnelian, chrysoprase, petrified wood, lapis lazuli, lepidolite, obsidian, flint, chert, aventurine, onyx, tiger eye, jasper, and sandstone is highly toxic because they contain 50% or more of silica.

Other materials that may have high silica contents are: clays, feldspars, garnet, beryl, granite, greenstone, quartz (silica flour), opal, pumice, rouge (if silica-containing, iron), slate, silica-containing African wonder stone, talc, and Tripoli.

Minerals with small amounts of silica are: alabaster, amber, bone ash, calcite, carborundum, diamond, dolomite, gypsum, hematite, jade, marble, putty (tin), travertine, whiting, and wollastonite.

Asbestos Dust: Tigereye contains fine fibrous amphibole asbestos, serpentine contains chrysotile asbestos and some soapstone contains asbestos.

Copper Oxide Dust: Toxic if inhaled, ingested, or from prolonged contact with the skin, and can cause damage to the endocrine and central nervous systems. Caution needs to be used when working malachite and azurite (70 % CuO), Chrysocolla (45% CuO), and turquoise (9% CuO). You should not lick high copper rocks to bring out the color.

Minerals With Toxic Constituents are: asbestos, carbon black (if contaminated with polycyclic aromatic hydrocarbons), cerium oxide, cerussite (lead), coal, corundum (aluminum oxide), cryolite, erionite (zeolite), fluorspar, lapis lazuli (ingestion may create hydrogen sulfide), litharge (lead), malachite (copper), serpentine (may contain asbestos), soapstone (talc), talc (can have asbestos-type materials), vermiculite (asbestos), witherite (barium), zirconia (allergen).

Dust From Polishing Your Stones Can Come From A Variety Of Materials

Polishing can use a variety of materials, depending on the hardness of the stone being polished. Polishing materials include carborundum (silicon carbide), corundum (alumina), diamond dust, pumice, putty powder (tin oxide), rouge (iron oxide), tripoli (silica), and cerium oxide. Stones can be finished by grinding, sanding, and polishing, by either hand or with machines.

Precautions

Rock Sawing Operations: Saw the rock using adequate water or oil. Water is a good dust suppressant, but the dust can be released when the rock dries. Oil particles can be atomized and be in the air around your saw. Use an oil mist respirator if needed.

Rock Sanding, Grinding, or Polishing Operations: These operations should be done wet with adequate water to suppress the dust. The work area should be kept clean to minimize the amount of dust that could be released when the water dries.

Lapidary Hygiene: Work spaces should be wiped down with a wet cloth or mop. Work areas should not be swept but vacuumed using a machine with a HEPA filter to remove dirt and dust. Sweeping will cause the dust to be suspended in the air to be breathed or settle out on flat surfaces. Your work space should be well ventilated. Many lapidary artists are installing exhaust systems, similar to wood workers to remove dust that might not be trapped by the water suppression systems. If you are at all concerned about dust use a NIOSH approved dust mask to protect your lungs. These can be found at Home Depot or Lowe's but are most effective if you do not have a beard. You should wash your hands and clothes after sawing, grinding, sanding, and polishing to reduce the spread of the dust in to your home environment (second hand dust).

Working Dry: Rock sawing, grinding, sanding, and polishing dry are not recommended, but if done then they should be done outdoors and the lapidary artist should wear a NIOSH approved dust respirator and outer clothing that can be removed ,

Hearing Protection: Gem cutting machines can create very high noise levels and the lapidary artist should wear hearing protection to prevent hearing loss.

Have fun but work safely!

**Please submit all membership and address changes to Tom Burchard,
Circulation Chair, and to Carol Willey, Directory Chair.**

**Their contact information can be found on the second page of this
newsletter.**

**Please submit all show information (including admission charge) to
Pat Lambert, Show Coordinator.**

Her information can also be found on the second page of this newsletter.

Thank you.





Keith Fackrell

2nd Vice President

What a hot summer we are having this year! Temperatures have been soaring to 110 and to 115 degrees in many of our rock hunting areas. I guess that is what can we expect in an above normal hot year in the desert.

However, Timpanogos Gem & Mineral Society Members are still able to go on some rock hunting trips and were able to spend an afternoon and evening up Springville Canyon at a Work/Dinner Meeting where we enjoyed working on Wheel of Fortune prizes and filling Grab Bags in preparation for our March 2017 Show. After spending 1½ hours working, we then enjoyed a delicious barbequed chicken dinner with potluck salads and deserts. During the evening the members were able to bid on the beautiful rough rocks on the Silent Auction table. The members with the highest bids were able to take the rocks home.

The weather cooperated with mild temperatures even though we had a 20-30 minute rain storm. If the rain wasn't enough the sprinklers came on, washing the bottom and sides of the vehicles and even the inside of any cars with their windows open, not once but three different times! Ninety to eighty people attended the canyon Work/Party.

We are saddened by the loss of five of our members this year. Each one of them were active members of TGMS and are greatly missed as members and friends. Bill Argyle passed away at the young age of 75. Bill was a friend to everyone. Wyla Rollins who passed away at the experienced age of 87, was able to reunite with her husband, Robert Rollins, who preceded her in death. Wyla and Robert were long time members of the TGMS. Pete Jensen from Mt. Pleasant, Utah passed away May 15, 2016 from pneumonia at the age of 87. Pete and Dorothy were long time members of the Timpanogos Gem & Mineral Society, making their round trip from Mt. Pleasant to Springville sharing their enthusiasm with members of the club every month.

Edna Washburn passed away on May 1, 2016 at the age of 89 and Bryant Washburn followed two months later on June 27, 2016 at the age of 94. Together Bryant and Edna spent countless hours sharing with their friends. Bryant and Edna also spent months honoring and paying tribute to World War II Veterans by collecting and compiling stories and pictures of many of the Veterans. Their project started out to be one volume. The information kept coming in and so it was enlarged to include a second volume, then a third volume. Their books make anyone who reads the information appreciate all that the great men and women went through to protect our great country. Bryant often said, "I never regretted one day in the service of my country. It was for a good cause and something that had to be done."

Bryant and Edna also shared their collection of beautiful rocks and petrified wood with their many friends around the world. They also had 13 display cases made to hold some of the most beautiful rocks in their collection which they donated to the Ashland Elementary School in Richfield, Utah. This display can be viewed as people walk into the School (check in at the office first.) They also included a black light Display that was placed in a separate room of the School. The Washburn's generosity to everyone they met was unsurpassed. They were all around great people and will really be missed.

The Annual NFMS/AFMS Rock Show is coming in the next few days and will be sponsored by Willamette Gem & Mineral Society. All the information about this Show is in this and prior issues of the NFMS Newsletters. It is going to be a great show in a super location, Albany, Oregon. Anyone traveling to this show, be sure to drive carefully and Keep Rocking. See you at the Show.



Walk This Day With Us **(A Prayer for the Rock Hound Retreat)** **By Bert Kae-Je'**

Rock of Ages Cleft For Me, higher than all,
Come and walk this day with all of us.
Teach us to see the beauty all around,
To gather wisdom and skill, so available & freely offered.

Beside our Mentors, friends and colleagues,
Offering sagacity, tutelage, and wisdom,
The creative hand of a designer the stone to set,
Perceiving the flat spot in need of a touch,
Seeing how those 2 or 4 hole beads serves best.

As we walk together nourish our spirits,
Unfold the creativity You've already given,
Unwrap our receptivity and enlarge our visions,
As we learn this lapidary trade--sharpen our skill.

Help us find new ways to respond to our world,
To hear the whistle of the grass, the puff of the dust,

To see the glistening of the gemstone.
Help us find our way as we engage the task.
And realize courage as we enjoy each other.

At the bench with the heat of the torch,
The pounding on the anvil, the shaping of the wax,
The sawing of the Labradorite, the grinding of the mohes,
Somehow set us free, free to be whom we can be,
Letting go of anger, hatred, lust & greed,
Free to go on and not let hurt rule.

Creator, Rock that is so much higher all,
Redeemer whose love we will never fully understand,
Rock whose ways are far beyond us,
Fill us with your creativity as a receptive vesicle,
As a Silversmith, Lapidarist, as a neonatal fumbler.

Fill my core drilled holes full of your Spirit,
Come, come often, Rock that is higher than all,
Enable our self-sacrificing, giving Instructors,
Meet us at Hancock Rock Retreat and
We shall know and be known to solace & peace.



A Junior Rock Club Succeeds Due to Adult Club Members

by Jr. Club Leader Thora Trumbo, Lakeside Gem and Mineral Club

Lakeside Junior Rock Club of Kennewick, WA counts its success due to the amazing support of the adult club members and their generosity to the students. Its one thing for a leader to tell and teach students, but its another for many adults to attend junior club and share of their deep personal passion for the hobby, their activities, their collections, to give generous donations of rock and other materials and share from the wealth of their years of experience. The focus of this report is on Jr. club activities, especially those activities which help to draw newcomers, and keep the club exciting, growing and thriving over many decades.

Our adult support and input is what makes our junior club exist year after year. Many youth have grown up in the club, earned a sash full of badges and even a few have gone beyond club activities to study earth sciences elsewhere, even into college, all thanks to adult generosity.

We've been blessed to have the same adults highly involved for many years, giving the students consistency at meetings which builds relationships, rapport, trust and motivation. Adults have taken on the role or job at meetings (attendance, teacher, assistant leader, activity director, librarian, birthday present bag assembler, party planner, rock show activity assistant, set-up, clean-up, newsletter writer, etc.) Its much to big a job for just one person. Some are highly involved every month while others assist seasonally filling a vital need.

Parents are required to remain on site and usually participate in the evening activities. Along with their children they are gaining knowledge too and thus involved and supporting their child's interests. Security is never an issue to worry about with so many parents attending.

Our students meet on the second Tuesday of the month, following the adult meeting on the first Wednesday of the month. This works well, as juniors' needs can be mentioned and adults can be reminded of the need for their involvement the following week. Students meet from 6:30 to 8:00 sharp, respecting that its a school night.

Every monthly meeting is a surprise for the students; they never know what to expect but just recently we began sending each family a flier about the main activity or speaker and topic. We'll see how this changes attendance and interest. At a minimum, the flier is a quick reminder of the upcoming meeting and a spark of interest is hopefully gained too. This also gives families an opportunity to discuss invitations with others to attend. Occasionally a Boy Scout troop calls ahead and attends to earn one of their badges.

Fluctuations have occurred over the years regarding the ages of the students attending. Currently we have mostly elementary and junior high students, having lost some to college or high school study demands, theater, jobs and sports related activities. Three years ago we had mostly older students. Activities and crafts are always geared so as the youngest can be successful while the older students are challenged by extending their assignment. Occasionally we have different activities or allow choices from a variety offered.

Meetings always begin with the flag salute, introduction of officers, guests are welcomed with student-made key rings/zipper pulls or a special rock. We sing Happy Birthday, draw tickets for door prizes and for the privilege of drawing from the Mineral of the Month Box. We share announcements or invitations, and tell of upcoming field trips or shows. We listen to those reporting research efforts on their chosen mineral. Badge program involvement is encouraged and badges are distributed a few times a year. Badge sashes and club t-shirts and hats are proudly worn by many (prizes are often a surprise for those who wear them!)

Every meeting's main event involves an activity, craft &/or special guest speaker with their display, collection, photos, slide show, etc. Guest speakers share of their collection specifics, hobby activities, their field trips, knowledge and perhaps expertise -although most are casual collectors and hobbyists, not professionals in the field. Guest demonstrations are always the student's favorites, for hearing of another's passion is thrilling. What a joy to see the students excited to learn! In the months leading up the our big annual rock show, students are encouraged and taught how to do display cases for the show.

Public speaking practice is experienced by nearly ever member when they choose a mineral specimen from a variety box, take it home and do research, write a report on what they learned, then read their report at the next meeting. Students learn of various rock characteristics, the MOHS scale, specimen locations, density, crystal structure, how minerals are used in industry, and on and on. We used to draw tickets for who could do mineral reports, but it seems to be best if the box offers a large variety of minerals from which any students can choose. Their name goes into the meeting minutes and is later published in our newsletter which serves as a reminder to get their research written. Young students often need encouragement when standing before the others giving their first reports and receive supportive pronunciation of difficult words, but after a time or two, everyone seems to enjoy the experience and proudly receives rounds of applause and appreciation. Most students excitedly do many Mineral of the Month reports each year and grow their personal collections in the process! Our newsletter also publishes their reports so students can proudly share them with their school teachers, family, friends and adult club members.

Students share from their own collections during Show-N-Tell. Afterward, students are encouraged to examine these specimens, keeping hands behind their back, unless invited to handle items, the same as for guest's exhibits.

As the years have gone by, lessons have included rock identification, crystal structure, flint knapping, fossils, shark teeth, dinosaurs, earth structure, plate tectonics, volcanoes, fault movement, rock cycle, gold mining, geode and thunder egg formation, terminology, MOHS scale, specific gravity & weight, etc. Our oldest students do various presentations too.

Crafts and activities have included simple "camp-like weaving" to fancy jewelry making, photo frames and bird houses covered in tiny pebbles, pet rocks, key chains, beading, paper crafts, dino bone assemble kits, bread with pb&j fault line experiments, sedimentation studies, snack food "conglomerations", salt and sugar crystal growing. We've made clay pots, Christmas spiders, gem trees and cootie catchers. At a nearby park, we made a mess carving soapstone with files (and swept away the dust.) We play a variety of BINGO to learn terminology, mineral id, etc. We do field trips to museums and rock collecting. We play lots of games and have an annual silent auction (don't forget your piggy bank and remember Christmas gift giving. Students give speeches before election of officers (Pres., V.Pres & Sec.). We prepare for our annual rock show by stuffing tiny plastic bags and vending machine eggs with small specimens. We've made clay impressions from foam "ancient fossils" and once made "excavation of dinos" mud pies to sell at shows. Craft nights vary greatly according to student interests and age, while activities tend to be educational in nature, much like a typical classroom. We've even had success with older students doing homework packets which when returned, were greatly rewarded.

Awards are given for bringing guests, best attendance, turning in optional homework, but the best is trophies and ribbons for display case honors. We conclude with a huge Christmas Party and Potluck dinner (the only food served during the year) and play games and give gift bags.

I borrow from a wealth of materials which includes my own college materials and experiences, public library books, magazines, the Internet, homeschooling resources, teacher supply stores, and from my classroom resources.

Because of the many, generous donations of specimen samples from the adult club members, our students never go home without a new stone to add to their own collection. Its a challenge sometimes to not repeat what is offered, but our supply is constantly added to by others who share from their own stash, field trip finds or shopping experiences. We keep a fairly large stash, all organized in boxes and flats. We appreciate the adults who look for small samples to purchase while at shows and exhibits, keeping the juniors in mind but the costs low. Some adult members have really blessed the juniors with cases/flats full of minerals from around the world, purchased while attending the biggest shows in Arizona. Juniors receive jewelry findings, beads, tools and supplies too; everyone is so kind. Many collect a shoe box full of roadside rock during their travels or share from their "rejects" or "leftovers" once home and working on their projects to make slabs, spheres, jewelry, etc. (Plug: Always remember to label donations as to what it is and where its from please!) Students like to send thank you cards and mention donations in the monthly newsletters too to show their appreciation. At the end of each meeting, students can check out resources from our lending library (stored in a large trunk): books, puzzles, games, videos, etc. All items are price marked so families protect our resources. (Parents sign the library card which has note of the ISBN number and replacement price if lost or broken. We've only lost one in many years!)

I'm grateful for this opportunity to share about our Junior Lakeside Club success. Its really a testimony to how wonderfully the adult club supports our juniors!



What is in the Bucket??

By Safety Chair, Tanya Sonner

Walking in the backyard, I am reminded that a lot of us store our rocks in buckets. Unless we drill holes in the bottom, they will fill up with water. This creates several problems.

The first is mosquitoes – With ZIKA in the news lately, water filled buckets turn into a breeding ground for mosquitoes.

The rocks we collect are made up from minerals. Some of these pose health risks. The soil and accumulated bio-materials are often still attached to our finds. Not all the rocks we collect are round and smooth. So, the cut we get reaching into the bucket exposes us to this interesting mixture floating in the water.

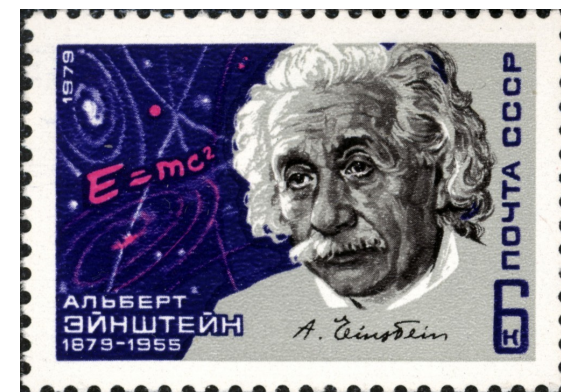
I know from our club auctions, these buckets can weigh up to 50 lbs.; some even more. Water would fill in the voids to add even more weight. Is this a back problem in the making?

Remember, if you have an idea for an article, please let me know.

From the Stamp Room

By Stamp Chair, Chuck Sonner

I have sorted and sold about half of what I collected at the mid-year meeting. If you have more stamps, I will be at the annual meeting at the end of this month. I will also be at the retreat this year. Thank you to all the clubs and individuals that have collected stamps for cancer research.



From the Editor's Rockpile

By Beth Heesacker

Paul and I just got back from a geology field trip through NE Oregon. Taylor and Jean Hunt, and Paul and I, made a huge circle from Pendleton south through Granite and Sumpter, to Baker City, up to Halfway, Hells Canyon, Joseph, Imnaha, a side-trip up Highway 3 into Washington, down Lostine Canyon, on to Wallowa, to LaGrande and back home. I saw more basalt than I could ever imagine. You find yourself driving down deep canyons or on switchback roads down the side of a canyon and all you can see are thousands of feet of basalt flows on all sides of you. These flows, which were poured out from about 16.8 until 6 million years ago, covered most of southeast Oregon, northern Oregon and southern Washington. The flows have since then been cut down through by rivers and creeks to leave marvelously high cliffs and overlooks.

The canyon through which the Imnaha river flows through is even more magnificent, in my opinion than the Columbia Gorge. Maybe it is because the river is less wide and so you are surrounded closely by cliffs that you have to strain your neck to see the tops of. We used the *Roadside Geology of Oregon* book by Marli B. Miller, some of my research, pamphlets we pick up along the way and the extensive knowledge provided by Taylor Hunt to try to understand what we were seeing. I can read and read but until I climb that tallus slope and touch the rocks, it just does not seem real. What I had been reading became real on this trip.

I was able to go on a special geology side trip by Ellen Morris Bishop while in Joseph. You might have seen her book *In Search of Ancient Oregon*. She gave me an A+ for my knowledge so I passed that along to Taylor as a “gold star” since he has been my geology coach/teacher for a number of years.

We were looking for mines and other historical sites. We found a few mines but most were very well hidden up long steep hikes or were still under claim and some were actively being worked. We located a few ghost towns along the way and learned more about the history of our state. Along with the knowledge of the NE corner of our state, I was able to collect some minerals along the way, Paul has some more sphere making material and friendships were deepened. I also have about 1,500 digital pictures to help me relive the trip.

There were some sites that we did not have time to get to and so we already have plans to go back next year and do some more detail side trips especially around the Granite and Sumpter areas. My feet are itching to go already!

Ok, I have to wait BUT we are heading out to the AFMS/NFMS show very soon so that will have to suffice for now. :-)) See you at the show!



Hells Canyon Overlook by Beth Heesacker

Field Trips! Potlucks!!

Swap and Auction!!!

After the NFMS/AFMS Meetings

Prineville, Oregon

August 3-7, 2016

By Doug True, NFMS Field Trip Chair



Trips will leave on August 3, 4, 5 and 6th. There will be a number of locations looking for Agate, Petrified Woods and Thunder eggs. Trips will go to Richardson Ranch, Alex McDonalds Ranch, Friends Egg Beds (has been closed for awhile) Hampton Butte, Bear

Creek, Maury Mountain and several other locations. Several locations will be fee collecting and some will be free. All collectors will have to sign a liability waiver to attend the trips.

Base camp will be at the Crook County Fair Grounds, you will need to call (541) 447-6575 and make arrangements for RV camping or Dry Camping. We will try and have several potlucks. Bring items you would like to sell or swap, setup Sunday morning the 7th. Bring something for the live auction, to benefit the NFMS, which will be held after the swap.

If you have any Questions call (406) 670-0506, or email dtruefossils12@yahoo.com.

AFMS/NFMS Show Meeting Schedule

Please note: information gathered from various sources.
All meals and meetings held in the same building as the show

Wednesday, July 27

Rules Meeting, 3 pm

Thursday - July 28

AFMS Meeting, 9 am

AFMS Scholarship Foundation, following the AFMS meeting
Display and Dealer Setup

Friday - July 29

Field Trip to Hollywood Ranch, 8 am

Show opens

Speakers throughout the day

NFMS Meeting, 4 pm

Saturday - July 30

Field Trip to Hollywood Ranch, 8 am

Editor's Breakfast, 8 am with SCRIBE Meeting to follow

ALAA Meeting, 1:30 pm

Banquet, 5 pm

Sunday, July 31

Field Trip to Hollywood Ranch, 8 am

Show continues

Speakers throughout the day

NFMS Committee meetings

Wednesday - Sunday, August 3-7 - Field trips out of Prineville

Past the 12,000 Grit

By Bert Kae-Je'

By guilt or affirmation?
How is it we motivate?
How is it we retain workers?
How is it we lead?

Quite honestly, Guilt is known to motivate
But ONLY for a little while,
Yes, in crisis we need help for a little,
But let's be in it for the longer run.

Then negativity, power, rank, and dirge,
Will be shown up by participation,
And Affirmation will stir the soul
For a much longer time.

I'm only a volunteer,
It just doesn't feel good when
You order me to do this and that.
You hit my triggers when you forget,
I too, am only an alacritous volunteer.

Just ask me and hear my yes or no
Respect my response and know
If nothing happens, nothing happens.

Please don't run the club by guilt,
I have not abandoned you and I don't
Expect you to carry the burden alone.
You too can set boundaries.

Create balance between what you can and cannot do,
Maybe then, the system will begin to poise,
Not by guilt, anger and victimization but,
By affirmation and joy and great participation.
And when something happens, something happens!

What does negativity says about self?
What is it that grows, when only you
Claim the beast caught and brought in,
Who have you forgotten to respect?
For their part in the kill.



We're all motivated by different factors.
What motivates you? I want you to care.
Oh, I know you're not running a feel good society,
You're simply doing the best you can,
To facilitate the Club to action,
To get the workers to do the job,
To have a program every month,
To bring in new members,
To balance the budget.

But I AM doing my part,
Even if it is just to attend the meeting,
Even if it is just to line the case,
Even if it is to pay the bills,
Even if it is to get the newsletter out,
Even if it is to greet a new person,
Even if it is to bring the cookies,
To say thank you and appreciate a contribution,
To facilitate or host a workshop,
To bring my rock to show and tell.

Your kindness, your word of encouragement,
Your support and help when needed,
Your reasonable patience and,
Your thoughtfulness,
Your model in caring about another,

Those are the actions and words that help,
Help me help you.
Thank-you for the job you do!
Not for just a moment but for the moons ahead
Working with the team,
Sharing what I can,

Thank you for seeing me as a person,
Not a ROCK, Not a piece of gravel
BUT A REAL GEM In the rough past the 12000 grit.

When we listen and not speak or react from guilt, and not accept guilt, but come from a willingness to *understand what the other person is feeling or, in their perception, what they are able to do, our power to authentically care for the other person* arises.
No one wants you to feel bad, really. What they want is that you care. They want you to honor their contribution, no matter the size.

NFMS Clubs' Show Schedule

July 29-31 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 jvancu-ra@peak.org , www.wamsi.org
August 5 - 7 Fri & Sat – 10 – 5 Sun – 10 – 4	Far West Lapidary & Gem Society	North Bend Community Ctr., 2222 Broadway North Bend OR	Don Innes 541 396 5722 don-innes.innes20@gmail.com
August 13 & 14 Sat – 9 – 5 Sun – 10 – 5	Maplewood Rock and Gem Club	Maplewood Rock and Gem Clubhouse, 8802 196 th ST SW, Edmonds WA	Bev Ryder 425 338 4184 FAMRYD@aol.com
September 10 & 11 Sat – 9 – 6 Sun – 10 – 4	Clallam County Gem and Mineral Association	Vern Burton Community Ctr., 308 East 4 th Street Port Angeles WA	Jennie Bourassa 360 681 0372 or Kathy Schriner 360 681 3811 PO Box 98 Sequim WA 98382
September 10 & 11 Sat - 10 – 5 Sun – 10 – 5	Marcus Whitman Gem and Mineral Society	Walla Walla Cnty Frngds Community Cntr Bldg., 363 Orchard St., Walla Walla WA	Keith Bacus, 509 529 1248 1829 Howard St Walla Walla WA 99362
September 17 & 18 Sat – 10 – 5 Sun – 10 – 4	The Southern Washington Mineralogical Society	Castle Rock Fairgrounds 120 Fair Lane, SW Corner of Highway 411 and Cowlitz River Castle Rock WA	Nicole Doiron 360 785 4417 raknad@q.com
October 1 & 2 Sat – 10 – 5 Sun – 10 – 5	Marysville Rock and Gem Club	Totem Middle School Gym, 7 th Street and State Avenue, Marysville WA	Dottie Haage gdhaage@gmail.com 425 330 7865
October 15 & 16 Sat – 10 – 6 Sun – 10 – 5	Hells Canyon Gem Club	Nez Perce County Fair Building 1229 Burrell Avenue Lewiston ID 83501	Linn Enger 208 746 4957 engerocks@yahoo.com
October 22 & 23 Sat: 9 - 6 Sun: 10 - 5	Clackamette Mineral and Gem Club	Clackamas County Fairgrounds, 694 NE 4th Ave, Canby, OR 97013	Beth Heesacker, heesacker@coho.net , 4145 NW Heesacker Rd., Forest Grove, OR 97116
October 22 & 23 Sat – 10 – 6 Sun – 10 – 5	Bellevue Rock Club	Vasa Park, 3560 West Lake Sammamish PKWY SE, Bellevue, WA	Bruce Himko belle- vuerockclub@comcast.net PO Box 1851 Bellevue, WA 98009
November 12 & 13 Sat – 9 – 5 Sun – 10 – 4	Skagit Rock & Gem Club	Sedro Woolley Comm Center, 703 Pa- cific Street Sedro Woolley, WA	Debbie Frank skagi-trockandgem@gmail.com PO Box 244 Mount Vernon WA 98273
November 12 & 13 Sat – 9 – 5 Sun – 10 – 5	Maplewood Rock and Gem Club	Maplewood Rock and Gem Clubhouse, 8802 196 th ST SW Edmonds WA	Don Wilcox tundrafox@earthlink.net 206 226 1868
December 10 & 11 Sat – 9 – 6 Sun – 10 - 6	Maplewood Rock and Gem Club	Maplewood Rock and Gem Clubhouse, 8802 196 th ST SW Edmonds WA	Mary Ann Collins collmal@comcast.net 206 714 3922
March 24 - 26, 2017 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 showchair@rockrollers.org
April 8 – 9, 2017 Sat – 9 – 6 Sun – 10 - 6	Maplewood Rock and Gem Club	Maplewood Rock and Gem Clubhouse, 8802 196 th ST SW, Edmonds WA	Mary Ann Collins 206 714 3922 collmal@comcast.net
April 29 & 30, 2017 Sat – 10 – 5 Sun – 10 – 5	West Seattle Rock Club	Alki Masonic Temple 4736 40 th Avenue SW Seattle WA	Diane Christensen diane@purns.org 206 582 2267 www.westseattlerockclub.org

LABOR DAY



SEPTEMBER 5TH

PATRIOT DAY

SEPTEMBER 11

