



NORTHWEST NEWSLETTER



Northwest Federation of Mineralogical Societies
Tom Burchard, Circulation
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VOLUME 50 NO. 4 Northwest Federation of Mineralogical Societies JANUARY 2010

Start your 2010 Planning



NFMS Mid-Year Meeting

Kennewick, Washington

April 17, 2010

TRI-FEDERATION FIELD TRIP BLUE FOREST Wyoming Memorial Day Weekend May 29-31, 2010

As this plan develops more information will be posted.
If you have some input or suggestions please e-mail Doug True/NFMS Fieldtrip chairman at dtruefossils@yahoo.com



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Northwest Rockhound Retreat at Hancock Field Station Fossil, Oregon, September 6-12, 2010

More information on pages 5-7

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MEMBER CLUB DUES and DIRECTORY

from Lyle Vogelpohl, NFMS Treasurer

Forms for club dues remittance and updating of membership lists were sent to each club in early November.

Your club's dues are based on \$3.50 per adult member of your club and \$1.00 per junior member (age 18 and under). Our NFMS dues have not increased in 13 years. \$.75 of this amount is forwarded as dues to the AFMS (which increased their dues by \$.25 last year).

THESE FORMS AND REMITTANCE NEED TO BE RETURNED TO THE TREASURER BY THE END OF JANUARY. PLEASE!

FEBRUARY NEWSLETTER
ARTICLES ARE DUE ON
JANUARY 15TH

Contact
Beth Heesacker

Email: nfmseditor@coho.net

NFMS Website:
www.amfed.org/nfms

NFMS EXECUTIVE OFFICERS 2009-2010

PRESIDENT: Evelyn Cataldo, Lakeside Gem & Mineral Club, 99509 Brandon Dr., Kennewick WA 99336, (509) 628-0170, ecataldo@cbtubs.com
1st VICE PRESIDENT: Fritz Mack, Everett Rock & Gem Club, 10619 Holly Dr., Everett, WA 98204, 425.513.0115, rockngem_mack@comcast.net
2nd Vice President: Judi Allison, Hatrockhounds Gem & Mineral Society, 1701 NW 11th #A, Hermiston, OR 97838, (541) 720.4950, jall@eotnet.net
EXECUTIVE SECRETARY: Joan Day, Golden Spike Gem & Mineral Society, 509 Highland Blvd., Brigham City, UT, 84302, (435) 723-3830, joanday@sisna.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: Fritz Mack, 1st Vice President (see above)
BULLETIN AIDS: Darlene Posthuma, Eureka Rock & Gem Club, 5760 SW Riley Ln, Moutain Home, ID 83647, 208.794.0976, frankposthuma3@clearwire.net
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CUSTODIAN: Judi Allison, 2nd Vice President (see above)
DIRECTORY: Audrey Vogelpohl, West Seattle Rock Club, 8810 37th Ave. SW, Seattle, WA 98126-3617, nfmsdirectory@comcast.net
EDUCATION: Jim & Libby Spencer, Clackamette Mineral & Gem Society, 660 Collins Crest, Gladstone, OR 97027, 503-650-5027, the_spencers@comcast.net
ENDOWMENT FUND: CHAIRMAN: Edna Nelson, Mt Hood Rock Club, 66830 Maple Crest Rd., Deer Island, OR 97054, (503) 397-5284, snelson@ados.net ;
TREASURER: NFMS Treasurer (see above)
EXHIBITS REGISTRAR: Larry Hulstrom, Lakeside Gem & Mineral Club, 5409 W 26th, Kennewick, WA 99338, (509) 783.6210, rockhound132@charter.net
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HISTORIAN: Shirley Leeson, Intermountain Faceters Guild, P.O. Box 23, Tendoy, ID, 83468-0023, (619) 460-6128 or (208) 756-2394, beauholland@centurytel.net
JUDGING DIRECTOR: Dee Holland, Intermountain Faceters Guild, P.O.Box 23, Tendoy, ID, 83468, (208) 756-2394, beauholland@centurytel.net
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NEWSLETTER EDITOR: Beth Heesacker, Clackamette Gem & Mineral 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: : Paul Heesacker, Clackamette Gem & Mineral Corp., 4145 NW Heesacker Rd., Forest Grove OR, 97116, (503) 357-8804, heesacker@coho.net Members: Lauren Williams(Idaho), Tim Hoff (Montana), Joan Day (Utah), TBD (Washington).
OPERATIONS REVIEW: OPEN
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PUBLIC LANDS ADVISORY: Andy Johnson, Lakeside Gem & Mineral Club, P.O.Box 3251, Pasco, WA 99302, (509)547-7625, washatonian@hotmail.com
SLIDE/ VIDEO LIBRARIAN: Tim and Sharon DeGrie, Lakeside Gem & Mineral Club, 1004 N. 34th Ave., #18, Yakima WA 98902, (509)248-1768, ROCKNlibrary@yahoo.com
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RULES & AWARDS CHAIR: Rocky McCall, Marysville Rock & Gem club, 8330 272nd St. NW, Stanwood, WA 98292, (360) 629-2515, rm711@tgi.net
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SHOW COORDINATION: Pat Lambert, Lakeside Gem & Mineral Club, 26106 S. Oak, Kennewick, WA 99337, palambert@charter.net
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SUPPLIES: Tim Hoff, Butte Mineral & Gem Club, 1016 Waukesha Ave, Butte, MT., 59701, 406-491-3587, nwfm.timhoff@bresnan.net
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NFMS WEB SITE: www.amfed.org/nfms

NFMS SPECIAL COMMITTEES 2009

FIELD TRIP CHAIRMAN: Doug True, Billings Gem & Mineral Club, 2622 Broadwater, Billings, MT 59102, 406.670.0506, dtruefossils@yahoo.com
LONG RANGE PLANNING: Bryan Schroeder, Lakeside Gem & Mineral Club, 153 Spring St., Richland, WA 99354, (509) 371-1572, bks1939@gmail.com
NORTHWEST ROCKHOUND RETREAT (Hancock): Lamar Tilgner (Chair), Mt. Hood Rock Club, 200 SE Olvera Ave., Gresham, OR 97080, (503) 666-2905, LSTILGNER@aol.com
OPERATIONS PROCEDURE UPDATE: OPEN
ROCKHOUND OF THE YEAR: Viola Jones, Skagit Rock & Gem Club, P. O. Box 2841, Mt. Vernon, WA. 98273, (360) 424-8340, rocks1x1vi.george@verizon.net
WEBSITE COMPETITION : Cheri George, 1641 W Avenue, L-4, Lancaster, CA 93534, lizardwoman3@yahoo.com.

AFMS COMMITTEES (NFMS Representatives)

AFMS 2nd VICE PRESIDENT-Rocky McCall,
ENDOWMENT FUND- Edna Nelson, **EDITORS HALL OF FAME**-Open, **NEWSLETTER EDITOR**-Beth Heesacker, **NFMS CLUB BULLETINS**-Darlene Posthuma, **ROCKHOUND OF THE YEAR**-Viola Jones, **CONSERVATION & AWARD LEGISLATION**-Darlene Posthuma, **EDUCATION-ALL AMERICAN AWARD**- Jim & Libby Spencer, **INTERNATIONAL RELATIONS**-Bill and Janet Smith, **JUNIORS PROGRAM**-Open, **PROGRAM COMPETITION**-Open, **PUBLIC RELATIONS**-OPEN, **SAFETY**-Dale Geer, **SCHOLARSHIP FOUNDATION**-Dee Holland & Rose MacArthur, **SUPPLIES AND PUBLICATIONS**-Tim Hoff, **JUDGE TRAINING COMMITTEE**-Dee Holland, **UNIFORM RULES**-Dee Holland (Director), **WAYS AND MEANS**-Glenn Lee (chair) & Janice Van Cura, **WEBSITE**-Jack Eads.

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 membership fee of \$25.00 helps support their activities. Contact: Dr. Robert Carlson, ALAA President, 1585 Los Pueblos, Los Alamos, NM, 87544, 505.662.5534, drobertcarlson@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 (10) times per year. This publication is brought to you through your club membership in 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 Burley Reminder in Burley ID. 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.

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: Rose Alene Mc Arthur (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

Make check payable to ALAA

Send to Joyce Hanschu, ALAA Treasurer, 6607 Sturbridge Ln; Canton, MI 48187-2638

NFMS NEWSLETTER 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

Do not send ads on colored paper because the back-ground will look gray in the ad. Following the placement of 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**.

DEADLINE

for YOUR SUBMISSIONS TO the next
NORTHWEST NEWSLETTER is

JANUARY 15th

Contact Beth Heesacker
NFMS NEWSLETTER EDITOR
nfmseditor@coho.net

COMMENTS, THOUGHTS & ANNOUNCEMENTS



Evelyn Cataldo,
NFMS President

Greetings,

I have just glanced out the window and see winter's first white flakes of snow falling. The temperature has been hovering below freezing all week. The air waves are filled with holiday songs. Although many folks have visions of sugar plums dancing in their heads, I have

visions of heading south in January to enjoy the rock shows at Laughlin and Quartzsite. Hopefully, many of you will also have the opportunity to head south and be part of the excitement.

Every club has members who generously volunteer their time to help their club run efficiently and effectively. Each year, each club can honor one of their members, whether it is an officer or someone who quietly works behind the scenes, by nominating him/her as their Rockhound of the Year. Send his/her name and a brief write-up of his/her contributions to Rockhound of the Year Chairlady Viola Jones at rocks1x1vi.george@verizon.net. Vi's mailing address is on the officer and committee page of this newsletter. Vi will publish your honoree in this publication as well as it will appear in the AFMS newsletter.

A reminder to all clubs that January 15th is the deadline to enter your websites into the annual competition. Information can be found in last month's *Northwest Newsletter* or on the AFMS website or contact our NFMS Website Contest Coordinator Cheri George. She can be reached at lizardwoman3@yahoo.com.

As you start scheduling for 2010, be sure to record April 17th as the date for the NFMS mid-year meeting in Kennewick, Washington.

Wishing everyone a healthy, happy and prosperous 2010.



Judy Allison
NFMS 2nd V.P.

Wow! Here we are into a double-digit year. We already have lots to look forward to with shows in various places, rockhound trips with friends, the rockhound retreat, doings by the All Rockhound Pow Wow and another Tri-Federation Field Trip. If

you didn't get to Texas Springs, maybe you can make this one in Wyoming. This brings me to a question for our new Fieldtrip Chairman, Doug True. He mentioned in the November newsletter that one would do well to have a steel rod for probing and "if you do not have one, you have time to make one now." I hate to sound like the "proverbial dummy" here, but how does one go about "making" a steel probe? Perhaps Doug can give us (at least this dummy) some insight on the process. Then I will be outfitted with the equipment I need. Thanks for getting this set up, Doug.

I mentioned in my November note about the "Rock Costume" contest. Although we had only a few attendees, it was great fun and produced a great deal of creativity. To name just a few of the clever pieces, there

was Bruneau the Rock Licker, Leaverite the Faithful Bloodhound complete with collar and tag, a nest of owls, a belly dancer, a pocket rock and petrified brains. Past Presidents, Patty Amos and Chuck Sonner are putting together a handbook of ideas to help get and keep membership. I passed this on to them. If you have some good ideas, why not share them with them to add to the collection. Enjoy the New Year and "keep on rockin".



Doug True

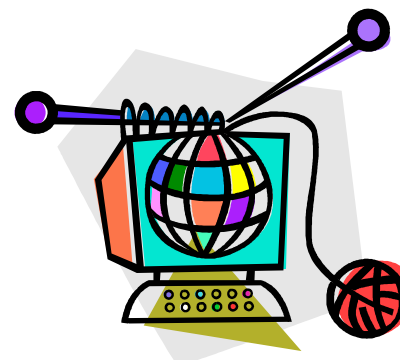
Field Trip Chairman

Merry Christmas and a
Happy New Year to All !

We are still on track for the Memorial Day weekend, All Federations Field Trip to the Blue Forest. I have been to this location several times in May over the years and the weather was good, that's not to say we can't have bad weather. How many of you attended Texas Springs last year, rain, snow and wind. There is a good chance it will be cool and the wind likes to blow. Bring extra wood for camp fires, warm clothes, and plan on digging some holes in the sand. The collecting area is very large and great wood has been collected several miles from the main digging area, great area for exploring. We also plan on taking a few guided excursions to a few other collecting sites during the weekend.

If you have a location that would be a great spot for a fieldtrip, let us know and special trips can be setup. They do not have to be a tri-federation trip, just one open to anyone from or in the area at the time. We need to schedule as many trips as we can, as the numbers of people using our public lands helps determine future use of these lands. If we don't use the land, officials assume we are not interested. According to the BLM, they would like input as to numbers of people using public lands for their studies.

When you plan a fieldtrip, invite your neighboring clubs and remember why we are involved in a club and what our hobby is all about.



Website Contest
Deadline January 15, 2010

By Cheri George
NFMS Website Contest Chairman

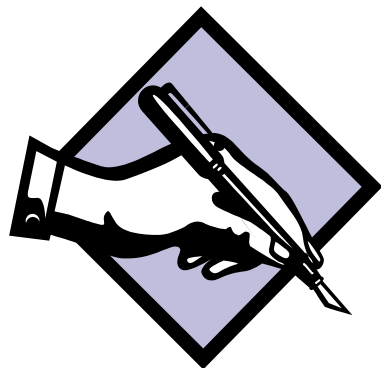
Hello everyone,
I am running on emergency batteries. No one has sent me their entry for the 2010 Website Contest. The

closing date for the entries is 15 January,

Come one, all of you have really great websites. We need to get a First Place winner in AFMS. I realize that most of you are doing this job as an extracurricular job and believe me we all appreciate it very much! ENTER YOUR WEBSITE, I just love giving out awards!!!

The forms and other information are on the AFMS Website at http://www.amfed.org/web/website_contest.htm. You can fill out the forms and return them to me by email, I also love getting emails!!
lizardwoman3@yahoo.com

COMMENTS, THOUGHTS & ANNOUNCEMENTS



Darlene's Doodles

By Darlene Posthuma
NFMS Bulletin Aids

Let's talk about "Cover Sheets". This is the part of your newsletter, usually the first page, that shows the mailing address for your club members, NFMS officers, any exchange bulletins and Bulletin Aids

Chair. The cover sheet should have your return address, the name of the club, club bulletin editor and special messages such as "Happy New Year" or special announcements such as "The Christmas Party will be". Any message you want your members to be aware of without having to open the newsletter. Also, if you are affiliated with other similar organizations, such as AFMS, Washington State Mineral Council, ALAA, etc those could be shown on the cover sheet.

On the back of the cover sheet could be the Club Officers with contact information, club goals, a brief club history. This is information that wouldn't have to be changed every month.

When folding the newsletter, according to the Post Office, it is best to have the fold at the bottom. There seems to be a better chance that the newsletter will make it through the sorter without problems. Most of the time the newsletters are fine with just a staple or self sticking tab on top. I have received newsletters in Post Office envelopes that were shredded by the sorting machine and have even had a few I have mailed returned in Post Office envelopes with just the part of the cover sheet with the return address visible.

I get many newsletters that have self sticking tabs on all three open sides. You should only have to put tabs on the top and left side as the mail runs through the sorted to the left. Have your members bring in the newsletters they have received in the mail and check the edges for rips to determine the best location for tabs and staples.

I hope everyone had a merry and safe Christmas and New Year.



AFMS

YOUR RELATIONSHIP TO IT
AND HOW IT WORKS

By Lauren Williams

When you joined your local club and paid your dues you became a member of that club, eligible to vote and able to attend all of that club's meetings and parties and field trips that club has. At the end of every December your club, the one you personally belong to, sends part of the dues that you paid to them, to the NFMS so that your club can become, maintain, its membership in the NFMS. The NFMS then sends part of your dues, that your club sent to them, to the AFMS so that the NFMS can maintain its membership in the AFMS. The next section for some reason is hard for some individuals to grasp!

Even though your club sent a portion of your money to the NFMS and the NFMS sent another portion to the AFMS, you personally are not a voting member of either the NFMS or the AFMS. You are a member in all other respects. Your club, the one you paid your dues to, elects a Federation Director and an Alternate to go to the NFMS mid-year meeting and the annual meeting. There is no voting at the NFMS Mid-Year meeting. The

NFMS voting can only be done at the Annual Meeting. This means the NFMS voting has only a membership of the 70 dues paying clubs, members, with 2 votes per club. Using the same reasoning, the AFMS has only 7 dues paying members, federations, with 2 votes per federation, each federations President and Vice President. If the federation has more than 1 vice President, only the 1st Vice President can vote.

Or, you as a paid up dues member in your club can vote for all positions that come up for election within your club. The NFMS Federation Director and Alternate that you voted for at your club meeting are the only ones from your club that can vote at the NFMS level. You and your club can vote to tell your delegates how to vote on any resolutions. Likewise only the Federation President and Vice President are the only ones from your federation that can vote at the AFMS level. That means that each federation has 3 votes each, the regional federation president and vice president and the one member from each federation that is a vice president or president or president elect of the AFMS.

(continued next month)

From the Editor's Rock Pile

By Beth Heesacker



Wow, the holidays are almost over. I hope that everyone had a wonderful time with family and friends. As I get older I find that these relationships are more important than the presents, the food, the drink, etc. The same is true of the hobby of rockhounding. The friends we make and spend time with are a great part of our hobby.

When we share that new rock we found (or purchased ☺) or attend a club meeting or spend time on a field trip with our club, we get the fullest rewards.

There are other ways of sharing with others that can be rewarding also. How many times after being on vacation or going on a trip do you sit down and share with your friends what happened? We all do it. The trip was exciting and we must share the excitement. Well, how about writing up your experiences and sending it to your club's newsletter editor? Being an editor of a club newsletter can be a tough job when there is nothing to put in the newsletter. We can scrounge from other newsletters and use a lot of "white space" but it can leave the edition a bit flat and uninteresting.

You do not have to be a great writer. I have read many trip reports that would never win a Pulitzer Prize, with spelling and grammatical errors, but still are wonderful because they share from the heart the excitement, and sometimes pain, of the hunt and the joy of the find. Even if the search was unsuccessful, the trip with its ups and downs stirs others to attempt the journey. The story can bring fond memories to the minds of our older members who cannot get out for the great safari into the mountains or across the desert.

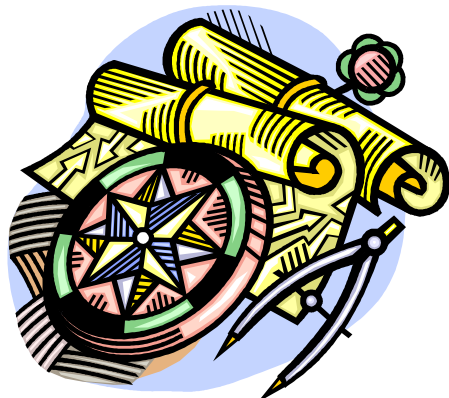
Maybe I can challenge each one of you to write up, and send to your club's newsletter editor, at least one trip or search for the elusive special specimen this year. This will spread the joy of rockhounding far beyond your small circle of friends and you might even get your article snatched up by other editors as they exchange bulletins.

And I do not want to forget our juniors. You like to rap, right. Well, make up a rap about rockhounding or your favorite rock or something else you like about rocks or a trip you took. Write it down and submit it to your newsletter editor.

The rewards of the sharing of this holiday season can spread throughout the year as we continue to share who we are, and the fun we have, when we spend time rockhounding.

ROCKHOUND RETREAT

NORTHWEST ROCKHOUND RETREAT 2010



We are all back at work and putting the pieces in place to make our Retreat at “Hancock Field Station” West of Fossil, Oregon, become a bigger and better annual event. The timing is the same as last year, starting on Monday September 6, 2010, and ending on Sunday September 12, 2010. The cost to the attendee will be \$270.00 for room and board, \$45.00 for workshop fee and if you desire a guided one day trip to the Fossil Beds, it will cost you \$35.00. If you take the full package, that will be \$350.00 for a one week vacation. What a deal. You should not miss this. **If you must have an Electric RV hookup (no water or sewer), there will be a \$15.00 charge for the week.**

The Agenda outline looks like this:

Monday, Arrive after 3PM and get settled in your temporary home, then join a Spaghetti Feed at 6:30PM.

Tuesday, All day in the Workshop of your choice and an evening program on Agates.

Wednesday, Trip to Fossil Beds or Workshop activities with an evening Swap Session, no selling.

Thursday, Workshop activities all day with an evening session on Agates.

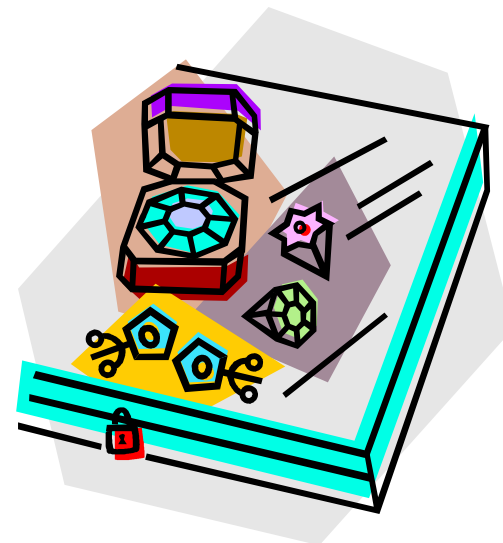
Friday, Workshop activities all day with an evening session on Agates.

Saturday, Workshops all day with an evening session of feedback from you as to what you want next year. A “Show and Tell” session from the Workshops and concluded with an oral auction of donated items.

Sunday morning, Have breakfast, clean your cabins and give fond farewells till next year.

Workshops available - based upon signup:

- Lapidary
- Basic Faceting – (Maximum of Six)
- Silversmithing (Maximum of Eight)
- Basic Intarsia – (Minimum of Four)
- Basic Wirewrapping
- Beading
- Casting (Maximum of Eight)
- Doublets & Triplets
- Judge’s Training



If you need additional info, please call Lamar Tilgner at 503-666-2905 or Email at lstilgner1@verizon.net

COST FOR “RETREAT” REGISTRATION

Registration - Cost includes Breakfast and Evening Dinner with a Sack Lunch, sleeping quarters in an A frame cabin, (Bring your own bedding and pillow) (Mattress provided), or Dry Camping for an RV. No hookups available. **If electric hookups are needed, they will cost \$15.00 for the week.** Tenting is the same price as RV or A frame.

6 Day Total = \$270.00 + \$15.00 for RV Electric plus Workshop fee of \$45.00 Meals furnished.

If you can't stay the full time we can break it down by the day. This would mean \$55.00 per day, plus the Workshop Fee to take advantage of this great program.

Trip to Fossil Bed and Museum – Trip will be in Vans.

Cost will be \$35.00 per person. We need at least 10 to make this trip a go. You will get a tour of the Fossil Beds, see the country and visit the new museum. Not available to Judge’s Training People.

Workshop Cost: \$45.00 for Workshop (One fee covers all)– Choose Primary and Secondaries.

Lapidary - Provide your own rough or purchase ours at nominal fee from instructors.

Faceting - Provide your own rough or purchase ours. Bring your own machine if you want.

Silversmithing - Fee per project to instructor. Provide your own stones if you want. All Participants must provide eye wear for safety purposes.

Wirewrapping – Bring your own wire or buy from instructor. Provide your own stones or purchase from instructor. If you have your own tools, please bring them. We will have some available.

Intarsia – Per Project cost provides full kit with materials from instructor.

Beading – Components and kits can be purchased from instructor.

Casting – Covering multiple casting methods and building wax models. All Participants must provide eye wear for safety purposes.

Doublets & Triplets – How to cap and or back, plume, moss and opals or anything else. Purchase supplies from Instructor or bring your own.

ROCKHOUND RETREAT

Judge's Training – This is a full time session with everything provided.

The Workshop cost is a onetime fee even if you participate in more than one. Please mark all workshops you plan to utilize so we can maintain the workshop count.

When moving to a new Workshop, Confirm with incoming Instructor for available space.

We must have a minimum of 20 people register to make it all happen with a maximum of 50. Please send registration in as soon as possible because we must let the camp know by June if we have enough to go. That means at least 20. Help us keep this great activity going. Registration is first come, first served.

The "Swap Session" is a place to swap materials, arts, crafts, rocks or anything that someone else might want. No money will change hands, just goods.

LAPIDARY WORKSHOP

(Plan to bring your own **good quality** slabs, or purchase from instructors)

We will be teaching beginning cabochon making and also advanced cab making to those qualified cabbers who wish to learn how to make free-form cabs or just learn to be a better cabochon cutter.

We have multiple workstations utilizing both diamond and carborundum, High Speed Sanders, 18" slab saws, small trim saws, a large flat polisher, and leather with Optical Cerium Oxide polishers.

Instructors are Master Cutters.

SILVERSMITHING WORKSHOP

A Maximum of 8 students:. Each Student must bring Safety Glasses (Required), and Opti-Visor if needed for close work. All tools and supplies are provided by the Instructor; and a minimal fee will be charged for each project. They will charge you for all Silver and stones that you take from the Instructor's supply. The tools are for your use based on the per project Fee. This is a basic class with a lot more information available for those that learn fast.

FACETING WORKSHOP

We are limited to 6 machines for this workshop; therefore 6 students is our limit. Again we are addressing the basic level or novice cutter. The Instructor is a Master Cutter so advanced information is available to those type cutters.

WIREWAPPING WORKSHOP

Again we are addressing the needs of the beginning wrapper but will be covering a large variety of techniques and projects. Instructor will have Wire available for you to buy for your projects as well as stones. It would be nice if you brought your own stones to wrap and your own tools.

BEADING WORKSHOP

The beading class will be held along with the Wirewrapping so that you can learn various beading techniques and learn how to work them in to blend with Wirewrapping. This is a unique opportunity to develop some new techniques to create a new and different style of jewelry. There will be a variety of techniques explored but not necessarily all of them.

INTARSIA WORKSHOP

The Instructor will have a kit for your first project that you must purchase. If you have brought your own material, you may use it after finishing the first project. If you do not have your own material, the Instructor will have a limited amount available at a reasonable price. There will be enough equipment to handle at least 10 people. This class will last for a maximum of 2 ½ days so that a second class can be done within the week. Advanced would be available if so desired.

JUDGES TRAINING

This is a 5 day, intensive course to teach you about the Rule Book and how to use it, then blending those skills into the art of Judging. We will not teach you the skills of Lapidary or Jewelry making. We expect you to have the skills you intend to judge, mastered when you take part.

We will teach you how to work with the clerk and how to fill out the critique sheet so that the experience of competition becomes one of pleasure rather than a nightmare. We will concentrate on the Lapidary functions and Educational displays with other areas being visited if the Trainee's skills support it.

There will be classroom work and studies as well as actual judging experience with displays designed specifically for this purpose. About 50% of the time will be in the experience area with actual judging and then reviewing and evaluation of the process.

ROCKHOUND RETREAT

CASTING

A maximum of 6 students: Student must bring their own Safety Glasses (Required), Opti-Visor if needed for close work, and bring their own silver for casting. For Silver type and amount contact the Instructor. There will be a minimal material charge for each project based upon materials used.

You will learn to carve wax to create models. Learn about investments and how to use them. Learn Vacuum, Steam and Centrifugal Casting. Learn multiple casting techniques using a variety of methods and materials.

All of this will take most of the week, so expect to spend most of your time in this shop.

Instructor: Chris Blickfeldt grumpies@q.com 208-345-8774

DOUBLETS & TRIPLETS

In this class you will learn the art of capping an opal with optical quartz to create a fine gem stone. This will also give you the ability to use quartz caps for other stones and also how to back a stone with colored material to give a stunning background and better show a plume or moss agate, Instructor will be charging for Quartz caps and for cost of Glue.

PLEASE NOTE

We are making a new addition to our schedule this year which will include a guest speaker. We are pleased to announce that our schedule will include the talents of Wayne Sukow, a resident of Washington, D.C. and a long time rockhound. Wayne will be providing three evening programs which show on the agenda as Agates. One evening will cover the Lake Superior agates, the second will be on Iris Agate and the third is as yet undefined. Wayne is a well known speaker and knowledgeable person. I know you will enjoy him as much as I will.

2010
REGISTRATION
NORTHWEST ROCKHOUND RETREAT
September 6th thru 12th, 2010
Sponsored by
The Northwest Federation of Mineralogical Societies
(One Registrant per form, Please.)

Name: _____
Address: _____
City: _____ State: _____ Zip: _____ Phone: _____
Are you a member of a related Club? _____ Name of Club: _____

Your E-Mail address: _____
Registration Fee: \$270.00 Fossil Beds Trip: \$35.00 Work Shop Fee: \$45.00
RV Electric Hookup: \$15.00 for the week *(Place fee on 1st choice)*
Note: These costs must be paid at registration; Daily Rate: \$55.00

Material costs will be paid to Workshop Instructor.

Do you need a cabin? _____ Do you need an RV Parking Place? _____
If you are in a cabin, is there another registrant you want in the same cabin? Please identify them.

Instructions: On the right, check which activities you wish to _____ Registration Fee: \$270.00
Participate. Place the amount on the line to the _____ RV Electric _____
right. Total the right hand column and send a check _____ Fossil Beds Trip: _____
with this form to: Lamar Tilgner _____ Lapidary Shop: _____
200 S.E. Olvera Ave. * _____ Basic Faceting: _____
Gresham, OR 97080 _____ Silversmithing _____
503-666-2905 _____ Wirewrapping: _____
lstilgnerl@verizon.net _____ Intarsia: _____
_____ Casting _____
_____ Doublets & Triplets _____
_____ Beading: _____
_____ Judging Seminar # _____
Remember, there are 28 hours of Workshop time, so you can register for multiples and divide your time **TOTAL** _____

NOTE: Make check payable to Lamar Tilgner
Only pay Workshop fee once - Show Workshops
you plan to work in and number preference.
Remember, there are 28 hours of Workshop time,
so you can register for multiples and divide your time

* It has been requested that if you take Faceting that you allot full time to that effort.

The Judging Seminar is only for those folks who are familiar with the Federation and the disciplines that this requires. This is an intense 5 day course leading to Judging Certification.

NOTE: If you have any special dietary needs, please note them on entry form so we can get them to the cook.

COMMENTS, THOUGHTS & ANNOUNCEMENTS



2010 Rockhound of the Year Nominations

By Vi Jones

Bozeman Gem & Mineral Club of Bozeman, Montana, nominates **JOHN USHER** as their 2010 Rockhound of the Year. John has been a Bozeman club member for 15 years and has served in several offices in the Bozeman and

former Yellowstone Clubs. He is currently our President. His leadership by example includes: leading annual field trips to Crystal Park and Cedar Creek; exhibiting at all club meetings, club shows and NFMS Federation shows; teaching adult education classes on Rocks & Minerals and at elementary schools in Livingston, MT. His efforts make him a true asset to our club and our hobby.

Submitted by Irene Wendel



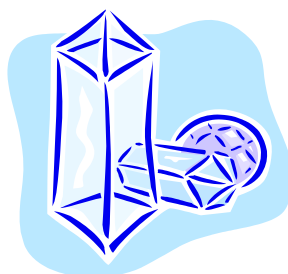
LATEST NEWS – NO NEWS!

By Dee Holland
NFMS Rules Committee 2010

How many of you attended the AFMS/NFMS Show in Billings, Montana? Weren't you proud of those JUNIORS who stole the show with their exceptional competitive exhibits? And with the complements the NFMS received for having so many competitive exhibits?

Rocky McCall is the NFMS Rules and Awards Chair for 2010 and I'm right behind him as Judging Director. Rocky has asked me to do both jobs this year and I told him, "not to worry, I'll get it done." Larry Hulstrom from the Lakeside Gem and Mineral Club will round out the committee as Exhibits Registrar, who will receive your applications, IF there's competitive exhibiting in 2010.

Well, hold on to your hat. For the year 2010, I'm still waiting for confirmation on an NFMS show site, date and host club. This is January and I have to hold up on making the application for competitive exhibiting that will be on the NFMS website. I have been told that even if there's a site for the NFMS Director's meeting, there may not be any competitive exhibits because we are piggy-backing on another show and not co-sponsoring the show. I will let you know when I know..... till then, we wait.



KID'S CRYSTAL MUSEUM
by Gary Buhr

Where's Gary? NFMS President Evelyn Cataldo mentioned in her September President's Message that after nine years Gary Buhr had moved from the Juniors

Committee to tackle new challenges. Yes, indeed it is a grand challenge: KID'S CRYSTAL MUSEUM. Imagine a destination where Junior Rockhounds, students, teens, children from public or private schools and the public at large could appreciate our favorite hobby--Rockhounding!

Discovery, fun and education centered around spectacular displays of gems, minerals, fossils or jewelry, a fun zone of big vugs for hands-on

prospecting, the Treasure Chest gift shoppe, lapidary workshops and periodic seminar classes instructed by the best talent from the Northwest to begin with, followed by national and international participants. Actually, the whole interactive theme will entice learning by the excitement of visual and tactile experience for those lucky enough to enjoy KID'S CRYSTAL MUSEUM. Plan on everyone being welcomed into a safe, affordable environment that will warrant returning and referral time after time perpetually into the future.

The designated site is about 40 miles north of Seattle in a fast growing area with a huge need for this type of high profile natural sciences education. Adjacent businesses include a major children's daycare and early learning academy, a kid's communication service center and a pre-kindergarten school, so there is already a neighborhood of piggy back marketing in place. Formation of new Juniors Rock Clubs that can affiliate with NFMS is also a realistic consideration. The targeted building is over 18,000 square feet to accommodate initial ideas and growth. During the past few months the business plan, feasibility for zoning, demographics, startup inventory, website construction and proximity to supporting services have been reviewed to meet successful standards.

Gary Buhr is vested 100% in this venture by donating a million dollar startup inventory that includes many of the finest gem and mineral collections from the West Coast. Actually, GB is totally committed to the success of KIDS CRYSTAL MUSEUM and has frankly placed all his hobby, professional and personal resources on the line to assure the museum will stand into the future for your family, friends, and everyone to utilize as a playground of education. Regardless of how much passion a man may have to develop an idea into reality, there needs to be a "supporting cast of thousands", the real heroes that make a new venture work. Right now, funding is key to actual startup. Although the business plan is connecting with the top grant writers of America, there is an immediate need for three million dollars to acquire and develop the building site. The corporate legal entity of KIDS CRYSTAL MUSEUM is designed to best protect privacy and personal assets of all principals, contributors and donors from the liabilities of public exposure. Most needed now are cash donations from personal donors, shareholders or corporate/business sponsors that will come from leads. Do you have a lead? Also, any donation or loan of a quality collection can be included as a legacy contribution for display that is either temporary, rotating or permanent. Names of the Rockhounds and their biographies will be highlighted for all to appreciate and value forever. Donors will be honorably listed in the Hall of Fame.

Although most of us have to pass on being called "deep pockets", maybe someone reading this article will have knowledge of a philanthropist, startup capital source, funding organization or relevant parties who are able, willing benefactors for children, education and the appreciation of Nature's art forms. An historical venture of this magnitude requires open minds for creative startup funding ideas, if you have some or any questions or constructive ideas, please contact Gary Buhr at crystalmuseum@aol.com or write to 1242 State Avenue, Suite I-157, Marysville, WA 98270-3672. Time is of the essence and hope we can meet during the Grand Opening that is expected in late 2010. Thank you kindly and your consideration is appreciated.

PS. Why has no one volunteered to be the NFMS Juniors Committee Chair? This is one committee that should never be neglected for even one month and now we are going on six months of vacancy. The direction of the committee can be what you want it to be. GB will gladly help you get started so you can develop your plan of success for the kids that are the future of Rockhounding. Please Help!

COMMENTS, THOUGHTS & ANNOUNCEMENTS



ROCKS AND OUR GARDEN

Rose Alene McArthur

Welcome to our garden. Here in the bottom of a steep, wooded canyon in central Idaho flows the Clearwater River. Man has gouged out a road on each side of it and the railroad too goes upstream. Just above the highway sits a little terrace, our garden spot. It is a terrace now, but at one time it was a pond, a very quiet pond that filled with sediment. The ice age Missoula floods backed

water farther up the river than our site, so it could have filled up the pond quite quickly. If we accidentally leave the hose on overnight you can sink into the mud up to your knees.

Let's scoop up some of the wet soil and examine it in the sunshine. See those tiny, twinkling flakes? The source of those flakes is not the rock on the hillside above us. It was not brought down by the little stream over there in the gully past the grape vines. The mica flakes tell us that the sediment came from the rock in that mountain over there on the other side of the river. See how different the mountain's profile is from the ones downstream here? We are seeing part of the great Idaho Batholith, a huge mass that reaches all the way from here to Montana. Molten rock squeezed in between existing rock layers and cooled slowly under the ground. The crystals in it grew large enough that we can make out the individual minerals. That quartz diorite in the batholiths is the source of the fine silvery mica flakes we see in the soil.

Looking down the other way across the river, see the very steep sided little auxiliary canyon there? That was a deposit of limestone from an ancient sea. It was changed into marble by the heat from the batholith. During the First World War it was mined for use as cement. Although there isn't an outcrop over here, I suspect our very hard well water is a result of the ground water dissolving underlying limestone.

You might say that our garden is like a blank book that was written on by man...Every rock that is in the soil has been brought in by man after the pond dried out. See this angular piece of lava here? It came from the steep mountainside across the driveway. But it wouldn't have bounced that far. Notice the crystal faces that flash in the sunshine as we rotate it? Those crystals of plagioclase feldspar are a signature of the earliest lava flows exposed here in the bottom of the canyon. When we take the sands out of the well and look at them under the microscope we can see clear amber grains. However, it does not occur in pure and large enough pieces to make any sunstone jewelry.

See that little flake of white chalcedony in the dirt? The very first folk in our garden sat on the edge here and looked out at the river while chipping arrowheads. Perhaps the arrow maker saw Lewis and Clark ride by on the other side of the river. In spite of about seventy years of cultivation, each spring a few little flakes of brown or wine colored

jasper or white chalcedony show up. Some of the raw material came from right over there on the hillside on the neighbor's place. No, he doesn't want anybody rockhunting over there.

Yes, that is an angular broken piece you have there, but it isn't an arrowhead chip. It's "road metal". You are standing where the farmer dumped in crushed lava rock when he wanted a road to his barn. (This end of the barn had a milk house on it.) See the brick bits, remains from the chimney? The barn burned down years ago. Here is one of the three cornerstones of the barn we have found... a pretty hefty rock to move up here. See how smooth it has been worn by the river? That fine grained brown rock has come from a ways upriver. No outcroppings of that stuff around here.

Yes, there is more "road metal" in the soil over there. It is a little larger than the other stuff. I brought that in by accident when I put down the old broken bales of alfalfa from the feed store parking lot to enrich the soil. The basalt quarries in the upper flows around the canyon yield fine road building material.

Here is another rock that we brought in. It was given to us by our friends on the other side of that ridge across river. Actually, they gave us the manure from their mule corral and loaded it with some of the dirt mixed in. See the fine black lines through the rock and the rather layered structure? The black lines are platy black mica called biotite. This rock is a piece of gneiss. Gneiss is a metamorphic rock changed from its original form by heat and pressure. Can you guess what baked it? Yep, the great Idaho Batholith. It is so huge it actually takes up the area from here over to Missoula, Montana. Of course this gneiss was a long way under the surface when it was changed. Then there was a long period of erosion which formed a landscape of mountains and valleys. Then huge Columbia Basalt flows came lapping against the mountains and filling up the valleys time after time. Now the basalts are eroding away. It would be fun to be around long enough to see what happens next.

Well, I hope you've enjoyed the garden tour. Tomatoes? Yes, those are black heirloom tomatoes growing over there. Come up to the house and we'll have a BLT while we talk rocks!



COMMENTS, THOUGHTS & ANNOUNCEMENTS



THE STILLWATER MINE COMPLEX

By Lorna Goebel

On Aug. 4, 2009, a field trip was held by the Billings Gem & Mineral Club to the Stillwater platinum mine in Nye County. About 25 people were allowed by the mine to go on this tour. I was fortunate to get to go. Thanks to the club for this.

The Stillwater mine is located in southeastern Montana. It is an Ultramafic-mafic layered intrusion.

These intrusions occur all over the Earth and come in several types. The Nickel-Copper intrusions are common, while the nickel-copper-platinum deposits are rare (3 worldwide; Bushveld Complex, South Africa; the main sulfide zone of the Great Dyke, Zimbabwe (Rhodesia), and J-M Reef of the Stillwater Complex, Montana) and only the Stillwater Complex is a palladium/platinum mine. Typically these intrusions are found in ancient cratons, which are the oldest continental margins on Earth. Frequently they are of Achaean age (4 to 2.5 billion years old). Ultramafic/mafic deposits are found at depths of as little as 0.9 miles to a depth of 31 miles and the magmas are thought as originating at depths of over 200 miles. Platinum is extremely rare, with a crustal concentration of only 0.003 parts per million so to be economically mineable it must be concentrated by about four orders of magnitude. In fact, platinum is so rare that if all the platinum in the world was melted and poured into an Olympic size swimming pool it would scarcely be deep enough to cover your ankles. Rift and continental flood basalt – associated mafic sill and dyke-like bodies often include platinum group elements (PGEs). These are the elements iridium, osmium, palladium, platinum, rhodium, and ruthenium. Of these PGEs platinum and palladium are the most abundant. Normally in geology when someone speaks about a reef, they mean a carbonate reef, usually of biological origin, however when describing PGE deposits what is meant is a variation of a single mineralized horizon within the layered Ultramafic sequence.

Until the mid-twentieth century the only use of platinum was in jewelry. Today the largest single need of platinum-group elements (PGEs) is for catalysts in automobiles. Other uses of PGEs include catalysts in the petroleum and chemical industries, in electrical components, in jewelry, in medical and dental work. The properties of PGEs that make them valuable derive from their catalytic activity, inertness over a wide temperature range, and high melting point, which are not found in any other metal.

It is generally agreed that the magmas originate in the mantle and migrate upward through areas of weakness such as spreading zones or the margins of cratons. There are theories that compare these deposits to the similar Luna Maria and state that they may be due to meteorite strikes. Only one similar deposit, Sudbury, Ontario is of meteorite-impact origin.

The Stillwater Complex is a reef-type or stratiform deposit that occurs in well layered mafic/Ultramafic intrusions. The copper-nickel sulfides were discovered in the fall of 1883 and patented in 1887. The first study of the Stillwater complex was as a copper-nickel deposit in 1937 and 1939. At this time nickel was considered a strategic metal of

importance however several attempts at mining the complex failed. Platinum group metals were reported in 1936.

The Stillwater complex is among the youngest layered mafic/Ultramafic deposits being about 2.7 billion years old. The complex is 1-5 miles wide, 30 miles in length, and 8,200 feet vertically. It crops out along the northern edge of the Beartooth Uplift and Plateau, reaching elevations in excess of 10,000 feet above sea level. The plateau and Stillwater Complex have been deeply cut by the major rivers and tributaries of the Stillwater and Boulder Rivers down to the elevation at the valley floor, approximately 5,000 feet. Furthermore, the Stillwater complex is distinguished by the fact that it is tilted on its side, and erosion has exposed the layering. The main PGEs produced are palladium, platinum and minor rhodium and in one 3.4 mile by 6.9 feet area that averages 22.3 grams (0.65 troy ounce per 1000 pounds).

The J-M Reef of the Stillwater Complex is comparable to the Merensky Reef of the Bushveld Complex, South Africa. Here the ore zone is 3 – 10 ft. thick and has been traced for more than 40 miles.

The layered mafic series of igneous rocks consist of **norite** (coarse-grained basic igneous rock consisting of plagioclase feldspar, high orthopyroxene concentration (bronzite), and lower amounts of clinopyroxene); **gabbro** (coarse-grained basic igneous rock consisting of plagioclase feldspar, with more clinopyroxene and lower amounts of orthopyroxene); and **anorthosite** with more than 90% plagioclase feldspar. In addition to these rocks are the ultra-mafic series **bronzitite** (orthopyroxenite – principally enstatite); **harzburgite** (clinopyroxenite consisting of augite, enstatite); and **chromitite** (greater than 90% chromite).

The deposit is further distinguished as having 0.5-1.0% sulfides including (chalcopyrite (CuFeS_2), pentlandite ($(\text{Fe,Ni})_9\text{S}_8$) and pyrrhotite (Fe_{1-x}S , $x = 0-0.17$). The platinum group minerals are contained in these sulfides and consist of braggite (Pt,Pd,NiS), cooperite (Pt,Pd,NiS), kotulskite (Pd(Te,Bi)), moncheite (Pt,Pd(Te,Bi)_2), and Pt-Fe alloy. This is different than at the Bushveld Complex and the Great Dyke where the PGEs are associated with the oxide chromite.

The platinum ore minerals at the Stillwater Complex are:
 ELEMENTS/Alloys: Isoferroplatinum, Keithconnite [$\text{Pd}_{3-x}\text{Te}_x$], Rhodium [Rh], Rustenburgite [$(\text{Pt,Pd})_3\text{Sn}$]
 SULFIDES: Atokite [$(\text{Pd,Pt})_3\text{Sn}$], Braggite [(Pt,Pd,NiS)], Kotulskite [Pd(Te,Bi)], Laurite [RuS_2], and Stilleaterite [Pd_8As_3]
 ARSENIDES: Arsenopallandinite [$\text{Pd}_8(\text{As,Sb})_3$], Sperrylite [PtAs], Telluropallandite [Pd_9Te_4]
 SULFOARSENIDES: Hollingworthite [$(\text{Rh,Pt,Pd})\text{AsS}$]
 BISMUTHOTELLURIDES: Kotulskite [Pd(Te,Bi)], Maslovite [$(\text{Pt,Pd})(\text{Bi,Te})_2$], Michenerite [PdBiTe], Moncheite [$(\text{Pt,Pd})(\text{Te,Bi})$] and Polarite [Pd(Bi,Pb)].

The Stillwater complex is known as a platinum deposit; however the ratio of platinum (Pt) to palladium (Pd) is 1:3.5 through out much of the complex. Therefore the Stillwater is really a palladium mine. This pleases the mine owners since the value of palladium is about three times that of platinum.

(continued on the next page)

COMMENTS, THOUGHTS & ANNOUNCEMENTS

(Stillwater Mine - continued)

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www.Stillwatermining.com/stillComplex.html

www.webmineral.com

Leona George -- Rest In Peace

Members of the Lakeside Gem and Mineral Club of Kennewick, Washington were saddened by the death on October 10, 2009 of Leona George, one of our lifetime members. Leona was a pillar in the foundation of our Club. Through the years, Leona served the Club in many capacities including newsletter editor, board member, officer, and junior club leader. Under Leona's guidance the Junior Club gained momentum, structure and purpose, and today is 35 members strong. Leona, along with her husband Floyd, was the first recipient of the Northwest Federation's Rockhound of the Year award. Leona touched the lives of many a club member, both adult and junior. She will be greatly missed.



Letter to the Editor

Hi Beth,

Frank Vaughn here, 88 years old, recovering from back surgery 11 days ago. I am a long time member of the Rock & Arrowhead Club, Klamath Falls, OR.

I would like to comment and expand on the Article by John Martin, in the November 2009 Newsletter, in regards to Senate Bill, S-799.

While Mr. Martin showed the number of acres in each Main Area, he did not show the number of individual areas. If my math is correct there are 213 individual areas included.

Of those 213 areas, 21 are less than 5,000 acres, which has been the minimum criteria for designating a Wilderness Area, such as solitude, being outside of sights and sounds of the public environment etc.

I have taken the time to copy and paste those areas that are less than 5,000 acres. Copy included. This information should be included when contacting your Senators and Representatives.

Sec. 101. Great Basin Wilderness Areas. (44 areas)

(13) Essex Canyon (approximately 1,300 acres).

(23) Little Goose Creek (approximately 1,200 acres)

Sec. 102. Zion and Mojave Desert Wilderness Areas. (14 areas)

(10) Red Butte (approximately 4,500 acres).

Sec. 103. Grand Staircase-Escalante Wilderness Areas (47, in three sub-areas)

(a) Grand Staircase Area (16)

(C) Canaan Peak Slopes (approximately 2,300 acres).

D) East of Bryce (approximately 750 acres).

(J) Paria Wilderness Expansion (approximately 3,300 acres)

(L) Slopes of Bryce (approximately 2,600 acres).

(b) Kaiparowits Plateau- (18)

(C) Box Canyon (approximately 2,800 acres).

(I) Heaps Canyon (approximately 4,000 acres).

(L) Little Valley Canyon (approximately 4,000 acres)

(c) Escalante Canyons- (13)

(A) Brinkerhof Flats (approximately 3,000 acres).

(G) Muley Twist Flank (approximately 3,600 acres).

(K) Sooner Bench (approximately 390 acres).

Sec. 104. Moab-La Sal Canyons Wilderness Areas. (15 areas)

Sec. 105. Henry Mountains Wilderness Areas. (11 areas)

(3) Dogwater Creek (approximately 3,400 acres).

(10) Oak Creek (approximately 1,700 acres).

Sec. 106. Glen Canyon Wilderness Areas. (9 areas)

Sec. 107. San Juan-Anasazi Wilderness (12 areas)

(7) Hammond Canyon (approximately 4,400 acres)

Sec. 108. Canyonlands Basin Wilderness Areas. (14 areas)

(4) Demon's Playground (approximately 3,700 acres).

Sec. 109. San Rafael Swell Wilderness Areas (21 areas)

(6) Jones Bench (approximately 2,800 acres).

(13) Pleasant Creek Bench (approximately 1,100 acres).

Sec. 110. Book Cliffs and Uinta Basin Wilderness Area (26

(2) Bull Canyon (approximately 2,800 acres).

(11) Goslin Mountain (approximately 4,900 acres).

All of this information can be found online and I hope that my input helps just a little. In my opinion many of the members of Congress and their Staff have no clue about the requirements for the established requirements for Wilderness Areas. We should feed them all of the information that we can. Keep up the good work.

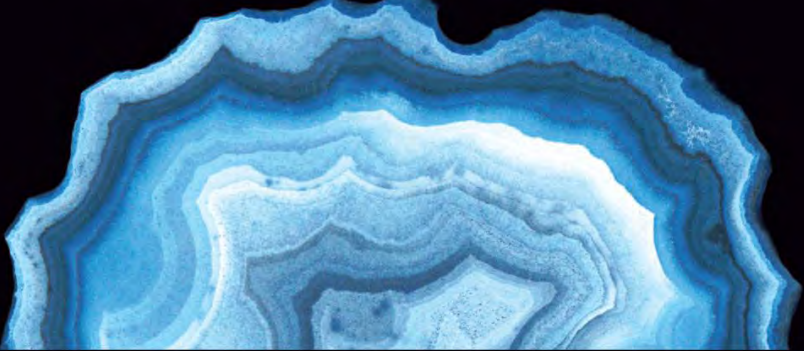
Frank Vaughn fvaughn21@yahoo.com


59th Annual

AGATE & MINERAL SHOW

PRESENTED BY THE OREGON AGATE AND MINERAL SOCIETY

FEBRUARY 12-14, 2010





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EVENT INCLUDED WITH GENERAL ADMISSION

Gem and Mineral Show Calendar



Date	Club/Show Name	Show Location	Contact Person
Feb. 12-14 Fri 10-5 Sat 1-5 Sun 10-5	Oregon Agate and Mineral Society "We Rock"	OMSI 1945 SE Water Avenue Portland, OR	Richard Hall (360) 751-0699 (360) 263-2599 bernicehall@mcleodusa.net
Feb 13-14 Sat 9-5 Sun 9-4	Whidbey Island Gem Club 45th Annual "Sweet-Heart of Gems" Show	Oak Harbor Senior Center 51 S. E. Jerome Street Oak Harbor, WA	Keith Ludemann (360) 675-1837 rock9@whidbey.net
Feb 27-28 Sat 10-7 Sun 10-5	Idaho Gem Club Annual Show	Expo Idaho 5610 Glenwood Boise, ID	Charlie Smith (208) 628-4002
Feb 27-28 Sat 10-6 Sun 10-5	Everett Rock & Gem Club, 57th Annual Gem, Jewelry & Mineral Show	WA National Guard Armory 2730 Oakes Ave. Everett, WA	Fritz Mack, (425) 232-0809 PO Box 1615, Everett, WA 98206
Mar 6-7 Sat 10-6 Sun 10-5	Owyhee Gem & Mineral Society "Collecting Gems for 2010"	O'Conner Field House 2200 Blaine Caldwell, ID	Carolyn Roberts (208) 466-6191 ncrobertsrp@msn.com
Mar 6-7 Sat 9-5 Sun 10-4	Rock & Arrowhead Club Annual show featuring "Thundereggs and Geodes"	Klamath County Fairgrounds 3531 South 6 th Street Klamath Falls, OR	Garwin Carlson (541) 882-8276 or Marv Stump (541) 882-8341
Mar 12-14 Fri 9-5 Sat 10-5 Sun 10-5	Tualatin Valley Gem Club 52 nd Annual Show "Back Again in 2010"	Washington County Fair Complex 873 NE 34 th Ave Hillsboro, OR	Roy Woo (503) 459-1903
Mar 12-14 Fri 10-6 Sat 10-6 Sun 10-5	Rock Rollers Club "Earth's Treasures"	Spokane Co. Fair & Expo Ctr N. 604 Havana, at Broadway Spokane, WA	Leon Agee (509) 276-3992 Jim Cotant (509) 534-1746
Mar 13-14 Sat 9-6 Sun 9-6	Magic Valley Gem Club Show ** NEW LOCATION **	Twin Falls Co Fairgrounds Merchant Bldg #3, 215 Fair Ave. Filer, ID	Harold Waggoner (208) 423-9668 or Shirley Metts, rmetts@cablone.net
Mar 27-28 Sat 10-6 Sun 10-4	Sweet Home Rock & Mineral Society 62 nd Annual Show	1641 Long Street, Sweet Home, OR	Joe Cota (541) 451 2740
Apr 9-11 Fri 9-6 Sat 10-6 Sun 10-4	Golden Spike Gem & Mineral Society 59th Annual "Gemstone Junction" ** NEW DATES & LOCATION **	Golden Spike Event Center Weber Co. Fairgrounds 1000 North 1200 West Ogden, UT	Cindy Aeschlimann (801) 648-5060 club@goldenspikegem.org
April 10-11 Sat 10-6 Sun 10-5	SEIGMS Gem & Mineral Show	Bannock County Fairgrounds Pocatello, ID	Martin Rakatansky (208) 233-2538 rak80@cablone.net
April 16 – 18 Fri 9 -6 Sat 10-6 Sun 10-4:30	Willamette Agate and Mineral Society "Rocks of Oregon"	Polk County Fairgrounds 520 South Pacific Hwy W Rickreall , OR 97371	Kristi Edwards 1236 SE Seaport Circle Corvallis OR 97333 541 738 6811 edwardskk@gmail.com
Apr 17-18 Sat 10-5 Sun 10-4	Lakeside Gem & Mineral Club Annual Show	Benton Co. Fairgrounds Kennewick, WA	Mickee Madden (509) 582-8599
Apr 17 -18 Sat 10-6 Sun 10-4	Yakima Rock & Mineral Club 49 th Annual "Parade of Gems"	Central WA. State Fairgrounds Modern Living Building Fair Ave & E. Nob Hill Blvd. Yakima, WA	Marti Sondgeroth marthms@q.com
April 24 - 25 Sat 10-5 Sun 10-5	Grays Harbor Gem & Geology Society "Earth's Treasures"	Gray's Harbor Co. Fairgrounds 32 Elma-McCleary Road Elma, WA	Gary Emberly 624 Fairmont Place Aberdeen, WA 98520 (360) 533 6196 Melissa624@hotmail.com
May 8 – 9 Sat 10-6 Sun 10-4:30	Bozeman Gem & Mineral Club "Montana's Treasures"	Gallatin County Fair Grounds Black & Tamarack (Exit I-90 @ N. 7th Street) Bozeman MT	Dan Carter 406 586 4552 or Doug Ellis 406 459 1088 opalcrusher@hotmail.com
June 4 - 6 Fri 12-6 Sat 10-6 Sun 11-4	Puyallup Valley Gem & Mineral Club	Fruitland Grange 112th Street & 86th Avenue East Puyallup WA	Mark Baumann (253) 756-8636 djbmeb@earthlink.net