



# NORTHWEST NEWSLETTER

VOLUME 50 NO. 1 Northwest Federation of Mineralogical Societies September 2009

## AWESOME SHOW - AWESOME EXHIBITS - AWESOME FIELD TRIPS



### AFMS/NFMS Show Opening Ceremony

Mrs. Montana Billings MT Mayor Paul Heesacker  
 (Lacey Kraft) (Ron Tussing) NFMS President  
 Photo by Beth Heesacker



**New NFMS Officers.** From the left are Lyle Vogelphol – Treasurer, Joan Day – Secretary, Judi Allison – 2<sup>nd</sup> V.P., Fritz Mack – 1<sup>st</sup> V.P., Evelyn Cataldo -President



Show Chairman, Doug True (left) holding an appreciation award from the AFMS President (Joy Bourne) on the right. Paul Heesacker center with Beth Heesacker in the background.



Ed Romack presents Pat Snyder with the "Doc Bob award" for a \$1000 donation to the AFMS Scholarship fund



**Banquet Dinner and Award Presentations.** In the foreground (table) are Nick & Michelle Ernsberger, Tom & Brenda Burchard (top), Bev Schroeder, Jack & Wilma Eads. During the show, Jack & Wilma celebrated their 49<sup>th</sup> Wedding Anniversary – Congratulations Jack & Wilma

Unless otherwise noted, the above photos are courtesy of John Martin, Palmdale Gem and Mineral Club, CA

Northwest Federation of Mineralogical Societies  
 Tom Burchard, Circulation  
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### NEWSLETTER ARTICLES DUE

SEPTEMBER 15, 2009  
 for  
 OCTOBER Issue

E-MAIL: [nfmsnews@gmail.com](mailto:nfmsnews@gmail.com)

**NORTHWEST FEDERATION EXEC. OFFICERS 2008-2009**

**PRESIDENT:** Evelyn Cataldo, Lakeside Gem & Mineral Club, 99509 Brandon Dr., Kennewick WA 99336, (509) 628-0170, [ecataldo@cbtabs.com](mailto:ecataldo@cbtabs.com)  
**1<sup>st</sup> VICE PRESIDENT:** Fritz Mack, Everett Rock & Gem Club, 10619 Holly Dr., Everett, WA 98204, 425.513.0115, [rockngem\\_mack@netzero.net](mailto:rockngem_mack@netzero.net)  
**2<sup>nd</sup> Vice President:** Judi Allison, Hatrockhounds Gem & Mineral Society, 1701 NW 11<sup>th</sup> #A, Hermiston, OR 97838, (541) 720.4950, [jall@eotnet.net](mailto: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](mailto:joanday@sisna.com)  
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**NFMS STANDING COMMITTEES**

**BUDGET:** Fritz Mack, 1<sup>st</sup> 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](mailto:frankposthuma3@clearwire.net)  
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**CREDENTIALS:** Del & Clara Walker, Tualatin Valley Gem Club, 25305 Wilson River Hwy., Tilamook, OR , 503.815.1863, [dcwalker@embarqmail.com](mailto:dcwalker@embarqmail.com)  
**CUSTODIAN:** Fritz Mack, 1<sup>st</sup> Vice President (see above)  
**DIRECTORY:** Audrey Vogelpohl, West Seattle Rock Club, 8810 37<sup>th</sup> Ave. SW, Seattle, WA 98126-3617, [nfmsdirectory@comcast.net](mailto:nfmsdirectory@comcast.net)  
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**ENDOWMENT FUND:** CHAIRMAN: Edna Nelson, Mt Hood Rock Club, 66830 Maple Crest Rd., Deer Island, OR 97054, (503) 397-5284, [snelson@ados.net](mailto:snelson@ados.net) ; TREASURER: NFMS Treasurer (see above)  
**EXHIBITS REGISTRAR:** Larry Hulstrom, Lakeside Gem & Mineral Club, 5409 W 26<sup>th</sup>, Kennewick, WA 99338, (509) 783.6210, [rockhound132@charter.net](mailto:rockhound132@charter.net)  
**FINANCIAL ADVISOR:** Jon Spunaugle, 4841 Doctor Eldridge Dr., Washougal, WA 98671, 360.624.7604, [jonspe@comcast.net](mailto:jonspe@comcast.net)  
**HISTORIAN:** Del Shirley Leeson, Intermountain Faceters Guild, P.O. Box 23, Tendoy, ID., 83468-0023, (619) 460-6128 or (208) 756-2394, [shirleyleeson@cox.net](mailto:shirleyleeson@cox.net)  
**JUDGING DIRECTOR:** Rocky McCall, Marysville Rock & Gem club, 8330 272nd St. NW, Stanwood, WA 98292, (360) 629-2515, [rm711@tgi.net](mailto:rm711@tgi.net)  
**JUNIORS CHAIR:** OPEN  
**NEWSLETTER EDITOR:** Bryan Schroeder, Lakeside Gem & Mineral Club, 153 Spring St., Richland, WA 99354, (509) 371-1572, [nfmsnews@gmail.com](mailto:nfmsnews@gmail.com)  
**NFMS Club-at-Large:** 1<sup>st</sup> 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](mailto:heesacker@coho.net) **Members:** TBD  
**OPERATIONS REVIEW:** OPEN  
**PAST PRESIDENTS COUNCIL:** Chuck Sonner, Southern WA. Mineralogical Society, 165 Tingle Rd., Winlock, WA. 98596, (360) 785-3909, [chuckagate2@yahoo.com](mailto:chuckagate2@yahoo.com)  
**PUBLIC LANDS ADVISORY:** Andy Johnson, Lakeside Gem & Mineral Club, P.O.Box 3251, Pasco, WA 99302, (509)547-7625, [washatonian@hotmail.com](mailto:washatonian@hotmail.com)  
**SLIDE/ VIDEO LIBRARIAN:** OPEN  
**RESOLUTIONS:** Fred Burton, Golden Spike Gem & Mineral Society, 90 Lakeview, Tooele, UT 84074, (435)882.8614, [fburton@trilobyte.net](mailto:fburton@trilobyte.net)  
**RULES & AWARDS CHAIR:** Joe Slouber, Butte Gem & Mineral Club P.O. Box 427, Butte MT., 59703-0427, (406) 494-3034, [RockHound@in-tch.com](mailto:RockHound@in-tch.com)  
**SAFETY:** Dale Geer, Yakima Rock & Mineral Club, P.O. Box 34, Moxee, WA 98936, 509.248.6975, [moxican1@q.com](mailto:moxican1@q.com)  
**SCHOLARSHIP:** Rose Alene McArthur, Hells Canyon Gem Club, 33427 Highway 212, Orofino, ID. 83544, (208) 476-3840, [obmcarthur@cpinternet.com](mailto:obmcarthur@cpinternet.com)  
**SHOW CHAIRPERSON 2009:** OPEN  
**SHOW COORDINATION:** Pat Lambert, Lakeside Gem & Mineral Club, 26106 S. Oak, Kennewick, WA 99337, [palambert@charter.net](mailto:palambert@charter.net)  
**STAMPS:** Hermina Kolski, Club-at-Large, 208 Riverview 2 East, Great Falls, MT 59404-1534, 406-231-0620  
**SUPPLIES:** Tim Hoff, Butte Mineral & Gem Club, 1016 Waukesha Ave, Butte, MT., 59701, 406-491-3587, [tttinker9742@bigskyhsd.com](mailto:tttinker9742@bigskyhsd.com)  
**WAYS & MEANS:** Janice Van Cura, Willamette Agate & Mineral Society, Inc.3448 NW Covey Run, Corvallis, OR 97330 (503)753-2401 [jvancura@peak.org](mailto:jvancura@peak.org)

**WEBMASTER:** Jack Eads, Kitsap Mineral & Gem Soc., 5169 E. Hillcrest Drive, Port Orchard, WA. 98366-8101, (360) 871-2445, [jacke@wavecable.com](mailto:jacke@wavecable.com)  
**NFMS WEB SITE:** [www.amfed.org/nfms](http://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](mailto:dtruefossils@yahoo.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](mailto:LSTILGNER@aol.com)  
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**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](mailto:rocks1x1vi.george@verizon.net)

**AFMS COMMITTEES (NFMS Representatives)**

**AFMS 2<sup>nd</sup> VICE PRESIDENT-**Lauren Williams,  
**ENDOWMENT FUND-** Edna Nelson, **EDITORS HALL OF FAME-Open, NEWSLETTER EDITOR-**Bryan Schroeder,  
**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) & Barbara Jacobsen, **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](mailto: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), write to: **AFMS Central Off., Steve Weinberger, P.O. Box 302, Glyndon, MD 21071-0302.** Make checks payable to "AFMS". **Email:** [cebar62@aim.com](mailto:cebar62@aim.com)

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 (printed elsewhere on this page). For matters related to the Newsletter circulation (new members, address changes, etc.) contact the Circulation Chairperson (located elsewhere on this page).

**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** (printed elsewhere on this page). If you see an error once your show is listed, or if your show is not listed, contact **Newsletter Editor** (printed elsewhere on this page).

**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 (printed elsewhere on the page), brought to the NFMS Annual Show or given to your Federation Director in your club.

**ATTENTION CLUB TREASURERS**

**Where to send your money  
(See this page for address, phone, or e-mail)**

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 (printed elsewhere on this page.)

**DEADLINE**  
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**509 371 1572**  
**BRYAN SCHROEDER**  
**NFMS NEWSLETTER EDITOR**  
**[nfmsnews@gmail.com](mailto:nfmsnews@gmail.com)**

## COMMENTS, THOUGHTS & ANNOUNCEMENTS



**Evelyn  
Cataldo**  
  
**NFMS  
President**

### THANK YOU!

Thank you to Del and Clara Walker for volunteering to serve the NFMS as Credentials Chair.

Thank you to Larry Hulstrom for volunteering to serve as Registrar for the Competitive Exhibits.

Thank you to Judi Allison for agreeing to be our new NFMS 2<sup>nd</sup> Vice- President.

Thank you to Fred Burton for volunteering to be Resolutions Chairman.



**Fritz Mack**  
  
**NFMS  
1st Vice  
President**

As newly elected 1<sup>st</sup> Vice President to the NFMS, I can already see that I am going to have to make some giant steps to follow Evelyn Cataldo. I am just glad that I get to follow her. She has already been a big help to me.

As for the Billings show, I would like to thank Doug True and his crew for the wonderful show that they put on. Although I have never been in a show that big, I do know what it takes and all the hard work and long hours that it takes. Thank you Doug and your crew.

Fritz Mack, Everett Rock & Gem Club  
10619 Holly Dr., Everett WA. 98204  
(425) 513-0115

Also I wish to again extend my many thanks to Doug True and the Billings Club for hosting the AFMS/NFMS meetings. Rumors have it that the visitors from the AFMS and other Federations were highly impressed, even to saying that it was the best show that they had ever attended.

Looking toward the future I will be asking for people to fill some NFMS positions, especially Second Vice President for 2010-2011. We are trying to finalize a host for the NFMS meeting in 2010 (a few clubs are considering the honor). We still need clubs to host 2011 and 2012. Please contact me if you are interested in helping out.

Our Federation is a great group who really steps forward when asked and I thank you all for your willingness to help and for allowing me to be your President this last year.



**The "NEW"**

**Darlene  
Doodles**

**Bulletin Aids Chair**

On behalf of the  
Northwest Federation of

Mineralogical Societies and myself, I would like to thank Darlene Denton for her previous 10 years of service as Bulletin Aids to the NFMS.

A little about myself. I wrote articles for my high school paper, the "Grizzly Gazette" in Sunnyside, Washington and designed a new masthead for the paper as well. I was also on the annual staff for the school annual. After graduating from high school, I wrote articles and feature articles for the Grandview and Prosser, Washington newspapers. I was editor of the Marysville Rock and Gem club newsletter until moving to Mountain Home, Idaho where I am currently the editor of the Eureka Rock and Gem Club newsletter.

Roger Beck and I currently lead the newly formed Junior members of the Eureka Club.

Frank and I have been members of the Marysville Club since 1981 and the Eureka Club since 2005.

We have rockhounded many parts of the U.S., and Frank has rockhounded a few places around the world. We like the woodcast and petrified wood from the Pauline area in Oregon, Texas springs in Nevada, Saddle Mountain and Cherry Creek in Washington.

If you are in need of assistance and have questions about your newsletter, please e-mail me at: frankposthuma3@clearwire.net and send me your newsletters to either the e-mail address or a hard copy to:

Darlene Hart-Posthuma  
5760 SW Riley Lane  
Mountain Home, ID 83647-3620

## I NEED YOU!

The NFMS needs volunteers to chair the following standing committees.

### Slide and Video Library:

Maintain a library of colored slides, videos, movies and other program material to send out to Member Societies upon request.

### Show Coordination:

Accept information from Member Societies regarding shows sponsored by them and register the same on the Show Calendar for the Northwest Newsletter. Send this information on to the various gem and mineral publications.

### Juniors Chair:

I won't kid you, this is a big one. Gary Buhr, after nine years, wants to tackle new challenges. We need someone who enjoys working with the juniors and will continue with the fine programs that Gary has set up. Gary has agreed to fill you in on the programs. Let Gary or myself know if you are interested in learning more about this position. From discussion with several people at the Show, I do believe there are individuals willing to assist the Chairman but are not willing to lead the Committee.

Evelyn Cataldo, President  
ecataldo@cbtabs.com  
509.628.0170



**Paul  
Heesacker**  
  
**NFMS Past  
President**

It has been an interesting year for me and it is almost over. Your new President, Evelyn Cataldo, assumes office the beginning of September.

There are so many people to thank. First, my First Vice President, Evelyn Cataldo, has been of great assistance in finding people to fill positions, and it is with great pleasure and confidence that I have handed the gavel on to her. I ask all of you to give Evelyn as much support and encouragement as we can. Secondly, many thanks to the other officers and committee chairs for their support over the last year. You are truly the ones who keep the Federation wheels rolling. Thanks also must go out to each member of each NFMS club who promotes and enjoys our hobby. You are the "boots on the ground" that keep rockhounding alive and well.

COMMENTS, THOUGHTS & ANNOUNCEMENTS



Stamp  
Chairperson

Hermina Kolski

Greetings from the NFMS Stamp Chairlady. The Northwest Federation members gather used, cancelled stamps, then they bring them to the Convention. I take them home and sort them as to U.S. and foreign. Then I box them and send to our dealer for \$5.00 a pound. Dealer makes check out to NFMS and mails it to me and I give it to our Treasurer, Lyle Vogelpohl. He sends it to Oncology Center in Billings (Mike Skaggs) to use for cancer research. March, 2009 I sent 100 lbs. to dealer, and he sent me \$600.00. He was so pleased to have them as they were already sold (promised) out. So far, we have collected \$4,879.30 for this project. It takes 5000 stamps to make a pound, so I need as many stamps as I can get. Please!  
Sincerely,  
Hermina Kolski



THANK YOU

On behalf of the Canadian Rockhounds who attended the AFMS / NFMS show and field trips in Billings, Montana this summer, may I express our sincere thanks for the hospitality and friendship shown to us during our stay. Old friendships were renewed and new friendships formed, proving once again that there is no border separating rockhounds.

We can only hope to return the hospitality if and when your members come north to Canada. We invite you all to come visit us the first weekend in May for the Calgary Rock & Lapidary Club's 50th show. When you cross the border - just follow the Yellow Brick Road to Calgary and our Golden Jubilee show. The Welcome Mat will be out.

Trudy Martin  
CRLC Public Relations  
www.crlc.ca

Editor's Note: Thanks for the clip art tip Trudy.



IMPORTANT CHANGES IN  
THE  
AFMS SCHOLARSHIP  
Dee Holland, President  
AFMS Scholarship Foundation  
beauholland@centurytel.net  
P.O. Box 23, Tendoy, ID 83467

For some time the AFMS Scholarship Foundation has been having a hard time with the second year of the scholarships for students selected by the Regional Honorees. Many times the student chooses to not continue and the Honoree is asked to choose a second student. This all takes time and can get very confusing.

So, at the AFMS Scholarship Foundation's meeting in Billings, Montana in August we asked the directors to vote on the following:

Select an Honoree for 2010, the Honoree selects the school and helps the school select two students. For this one year only the students would receive \$2000 each for one year only. There would be no second year for these students.

Then, the following year, 2011 the regional presidents would select the honoree, and each of the six honorees would select the school, help the school select two students and each of these students would receive \$4000 for one year only.

So now in 2011, instead of the students receiving \$2000 each year for two years, the students would now receive \$4000. for one year only.

The proposal to change our Operating Procedure to accommodate this new method was overwhelmingly passed.

Here comes the challenge -Emerson Tucker, incoming AFMS President, has challenged the six (seven?) regional federations to raise the money so we can give those students (who will only receive \$2000 in 2010) additional money. Maybe we can even come up with the total additional \$2000 each, for a total of \$4000 to be paid out in 2010, it's up to YOU!

At the stone auction in Billings, the money raised for the AFMS Scholarship Foundation was \$13,250. The Inter Mountain Faceters club who sponsored the event for the Scholarship has consented to make the money "unrestricted." And the "Doc Bob" auction raised an additional \$1000 and this will also go into the "unrestricted" fund. So, we're asking all of you to donate to this "unrestricted" fund. We'll need \$9,750 to reach our goal. WILL YOU HELP US?

Checks should be sent to your Regional Scholarship Chairman. For the NFMS, that person is:

Rose Alene McArthur, Hells Canyon Gem Club  
3427 Highway 12, Orofino, ID 83544

Make check payable to "AFMS Scholarship Foundation", UNRESTRICTED.

We are asking you to run your checks through your regional scholarship chairman so you and/or your club can get credit for your donations.

Editor's Note: The AFMS Scholarship fund is for graduate students.

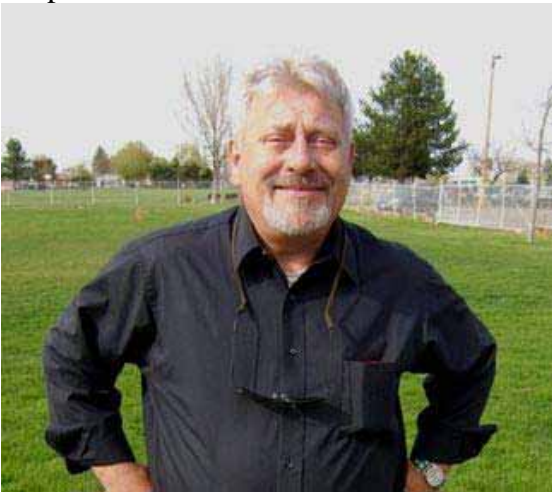
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For more information, email to [spheremaster@dragonspheres.com](mailto:spheremaster@dragonspheres.com)



## PUBLIC LANDS ADVISORY

Andy Johnson

Reprinted from an article on  
Public Land Mismanagement by  
Terry L. Anderson and Reed  
Watson

Terry Anderson is the John and Jean DeNault Senior Fellow at Stanford's Hoover Institution and executive director of the Property and Environment Research Center, Bozeman, MT, where Reed Watson is director of applied programs

### Environmental, Fiscal and Economic Irresponsibility In The Name of Protection

"This legislation guarantees that we will not take our forests, rivers, oceans, national parks, monuments and wilderness areas for granted, but rather we will set them aside and guard their sanctity for everyone to share. That's something all Americans can support." Those were the words of President Barack Obama on March 30 when he signed the Omnibus Public Lands Management Act that placed an additional 2 million acres of public land under the federal government's most stringent use restrictions. To anyone who knows the record of public land management, however, these words of preservation and unanimous support ring hollow.

If we used a measure like our stock indexes as a public land management barometer, it would be lower than the Dow Jones. Consider three measures of public land stewardship.

**Environmental Irresponsibility**--Decades of fire suppression by the Forest Service have disrupted natural fire cycles and turned many western forests into tinderboxes waiting to burn. Dense stands of spindly deadfall and underbrush now occupy land once characterized by open savannahs and large, widely spaced trees. One result is larger, more intense fires that burn the publicly owned forests to the ground. Indeed, by the Forest Service's own estimates, 90 to 200 million acres of federal forests are at high risk of burning in catastrophic fire events. Bans on thinning and salvage harvesting have not only exacerbated the fire danger in public forests but it has also left them more susceptible to disease, insects and high winds. Not only do the fires put enormous amounts of carbon into the atmosphere, the fact that the forests are dead or dying means that they are not sequestering carbon, as healthy ones do.

**Fiscal Irresponsibility**--What makes the ecological mismanagement of federal lands even more difficult to swallow is the price tag that comes with it. Every year, U.S. taxpayers spend billions of dollars on public land management, but the way in which these funds are allocated--through the congressional budgeting process--ensures the Forest Service, Bureau of Land Management and National Park Service respond to the will of politicians.

The result is what has been called "park barrel politics," which persists while the National Park Service maintains an estimated \$9 billion backlog of construction and maintenance projects. Lest you think financial mismanagement is confined to the Park Service, consider that between 2006 and 2008 the Forest Service lost on average \$3.58 billion each year. Similarly, the Government Accountability Office testified in Congress that in 2004 the BLM earned approximately \$12 million in grazing revenues but spent \$58 million implementing its grazing program.

**Economic Irresponsibility**--Environmental and fiscal mismanagement of federal lands may be obvious, but the economic effects of federal land mismanagement are subtler. Consider the debate over drilling in Alaska's Arctic National Wildlife Refuge. Economist Matthew Kotchen, University of California, Santa Barbara, offers an interesting thought experiment: What if environmentalists owned ANWR's oil? Kotchen theorized a surprising result might occur if the environmentalists could use the estimated \$1.08 trillion in revenues (\$921 billion after subtracting estimated costs of finding, developing, producing and transporting the oil) to address climate change. But since environmentalists do not own the oil under ANWR, the asset will likely remain underground.

In her new book, *Who is Minding the Federal Estate?*, Holly Fretwell describes additional economic consequences of shifting from active to passive public lands management: "Local communities suffer from lost jobs and business activity as sawmills close down" while "the nation's taxpayers lose revenues from their natural assets."

Is this new law likely to make a difference in terms of the environmental, fiscal or economic performance of federal land managers? No is the simple answer because the law does not change the underlying structure of federal land management or the incentives land managers face. Putting another 2 million acres into wilderness, the strictest non-use designation only adds those to the more than 100 million wilderness acres in the "unmanaged" category and turns a potential asset into a liability.

Establishing the 26-million-acre National Landscape Conservation System will only add more red ink to the BLM's hemorrhaging budget. Fretwell notes that less money is available to maintain federal lands as the percentage of wilderness land increases. This is partly due to the fact that wilderness designation results in more litigation than productivity. For example, as wilderness and endangered species issues forced the Forest Service to reduce timber harvests in Washington and Oregon from more than 6 billion board feet in the late 1980s to one-tenth that amount in 2006, its cost of offering 1,000 board feet of lumber for sale increased to \$182 from \$53. Jack Ward Thomas, President Bill Clinton's chief of the forest service, says litigation has tied land management agencies in a giant "Gordian knot," one which the legislation just signed by the president is likely to pull tighter.

If Obama wants to craft land use policy that "all Americans can support" and afford, he should make land and water management less subject to politics and more to economics. Given that the federal estate is worth trillions of dollars, Obama should make land management agencies turn a profit. States do this with their school trust lands, earning \$5.62 for every dollar spent compared to an average of \$0.76 for every dollar spent on national forests. Similarly, a forthcoming study from the Property and Environment Research Center shows that forest management on the Flathead Indian Reservation in Montana earns \$2.04 for every dollar spent compared to \$1.11 on the Lolo National Forest, one of the few "profitable" ones. We should be better stewards of our land and water, and we can be without it adding to a burgeoning federal debt.

### CADASTRAL SURVEY

What is a cadastral survey? The term cadastral survey refers to the official boundary surveys performed under the authority of Title 43 of the United States Code (U.S.C.). Cadastral surveys in general: create; mark; define; retrace; resurvey; and reestablish the boundaries and subdivisions of the public lands of the United States. By Title 43 U.S.C., the BLM is required to perform cadastral surveys on all Federal interest and Indian Country lands. In addition to performing official surveys on the public lands administered by BLM, Cadastral Survey also performs surveys for other Federal Agencies...Forest Service, Navy, Air Force, National Park Service, Fish and Wildlife Service, and the Bureau of Indian Affairs. Immediate goals of the Nevada program are to accomplish surveys necessary to provide legal and adequate descriptions of public lands identified for sale; exchange; or disposal, as well as define the boundaries of public lands in the intermingled public and private ownership patterns

## 2009 NFMS Bulletin Editor's Contest Awards

### Large Bulletins

- 1st - Shawn Van der Putten, Everett Rock and Gem Club, **Pebbles**  
 2nd - Dana James, Puyallup Valley Gem and Mineral Society, **Rock-A-Teer**  
 3rd - Patty Amos, Columbia Gorge Rockhounds, **News from Jasper**  
 4th - Patty Amos, Mount Hood Rock Club, **The Rock-It**

### Small Bulletins

- 1st - Kathy Reimers, Kitsap Mineral & Gem Society, **Hard Rock News**  
 2nd- Karen Hinderman, Mount Baker Rock & Gem Club, **Rockhound Special**  
 3rd - Carol Willey, Oregon Coast Agate Club, **Coastal Waves**  
 4th - Doug Renken, Idaho Gem Club, **Grindings**  
 5th - Paul Davis & Fran Wolff, So. WA Mineralogical Society, **Carney Hound**  
 6th - Alene Innes, Far West Lapidary & Gem Society, Inc., **Rock Chip Reporter**  
 7th - Bill & Kathy Henn, Owyhee Gem & Mineral Society, **Owyhee Gem**  
 8th - Hope Ranel, Hellgate Mineral Society, **Hellgate Breezes**  
 9th - Shirley Metts, Magic Valley Gem Club, **Magic Valley Gem News**  
 10th- Michelle Ernsberger, Golden Spike G & M Society, Golden **Spike News**

### Mini Bulletins

- 1st - Randy Vandehey, South Douglas Gem & Mineral Club, **Rock Scoop**  
 2nd - Amanda Newnham, Rock & Arrowhead Club, **Dusty Rocks**  
 3rd - Erma Riese, Rock Rollers Club, **Rock Rollers of Spokane**  
 4th - Liz Williams, Sweet Home Rock & Mineral Society, **Nuggets & Pebbles**  
 5th - Peg Burdge, Rock & Arrowhead Club, **Dusty Rocks**  
 6th - Mike Smith, Nisqually Valley Rockhound Soc., **Nisqually Vy Rockhounder**  
 7th - Eloise Glass, Yakima Rock & Mineral Club, Inc., **Yakima G & M News**  
 8th - Bev Bockman, North Idaho Mineral Club, **Lake City Rockhound News**  
 9th - Sue Hilton, Chugach Gem & Mineral Society, **Alaska Pebble Patter**  
 10th - Jim Brain, Marcus Whitman Gem & Mineral Society, **The Rock Licker**

### New Editors

- 1st - Bill Moser, Marysville Rock & Gem Club, **Stone Age News**  
 2nd - Vi Jones, North Puget Sound Faceting Guild, **The Crystal & Gem News**

### Adult Articles

- 1st - Robert Rose, Sweet Home Rock & Mineral Society, "Thundereggs & Geodes", Nuggets & Pebbles, 7/08  
 2nd - Ralph Trethewey, Marcus Whitman G & M Society, "Rock Club Outing to Saddle Mountain as Experienced by Ralph Trethewey", The Rock Licker, 5/08  
 3rd - Ed & Diane Obermeyer, Oregon Coast Agate Club, "Rockhounding with the Obermeyers," Coastal Waves, Fall 2008  
 4th - Steve Richards, Columbia-Willamette Faceters Guild, Facets  
 5th - Carol Hiler, Sweet Home Rock & Mineral Society, Nuggets & Pebbles  
 6th - Dave Hughes, Magic Valley Gem Club, Magic Valley Gem News  
 7th - Steve Fox, Panorama Gem & Mineral Club, Panorama Prospector  
 8th - Gary Buhr, Everett Rock & Gem Club, Pebbles  
 9th - Beth Heesacker, Clackamette Mineral & Gem Corp., The Clackamette Gem  
 10th - Jack Edwards, Marcus Whitman Gem & Mineral Society, The Rock Licker

### Junior Articles

- 1st - Alex Miller, West Seattle Rock Club, Inc., "Ancient Egyptian Jewelry" West Seattle Petroglyphs, 6/08 & 7/08  
 2nd - Sam Anguiano, Lakeside Junior Rock Club, "Malachite" The Geode, 9/08

### Poems

- 1st - Bill Stonecipher, Marcus Whitman Gem & Mineral Society, "Installation of 2008 Officers" The Rock Licker, 1/08  
 2nd - Betty Hicks, Magic Valley Gem Club, "My Grandma", Magic Valley Gem News, 9/08  
 3rd - Malcolm Wheeler Sr, Boeing Employees Mineralogical Society, "From atop the Wood Pile" The Tumbler, 12/08  
 4th - Joan Harkin, Mount Baker Rock & Gem Club, "Rockhound Special"

### Features Written

- 1st - Rosalie & Mike Faubion, Lakeside Gem & Mineral Club, The Geode  
 2nd - Fran Wolff, Southern Washington Mineralogical Society, "Our Tonopah Field Trip" Carney Hound, 11/08  
 3rd - Emily Start, Willamette Agate & Mineral Society, "WAMS Coast Trip Feb. 16-17" Rockhound Rumblings, 3/08  
 4th - Art Case, ?  
 5th - Dean Norman, Kitsap Mineral & Gem Society, Hard Rock News  
 6th - Wilma Eads, Kitsap Mineral & Gem Society, Hard Rock News

### Features Drawn

- 1st - Jim Hoeschen, Columbia-Willamette Faceters Guild, "Navette", Facets, 12/08  
 2nd - Dick Glismann, Golden Spike Gem & Mineral Society, Golden Spike News

## 2009 AFMS Bulletin Editor's Contest Winners

(Note: Only the NFMS Winners are listed)

### Original Adult Articles, Honorable Mention

- Rock Club Outing to Saddle Mountain as experienced by Ralph Trethewey** by Ralph Trethewey, Marcus Whitman Gem & Mineral Society, From: *The Rock Licker*, 5/08  
**Rockhounding with the Obermeyers**, by Ed and Diane Obermeyer, Oregon Coast Agate Club, From: *Coastal Waves*, Fall 2008

### Junior Articles - Under 12,

- 3. Ancient Egyptian Jewelry** by Alex Miller (9), West Seattle Rock Club, From: *West Seattle Petroglyphs*, 6&7/08  
**10. Junior Report - Malachite**, by Sam Anguiano (9), Lakeside Gem & Mineral Club, From: *Geode*, 9/08

### Written Features, Honorable Mention

- WAMS Coast Trip Feb. 16-17**, by Emily Start, Willamette Agate & Mineral Society, From: *WAMS Rockhound Rumblings*, 3/08  
**Our Tonopah Field Trip**, by Fran Wolff, South Washington Mineralogical Society, From: *Carney Hound*, 11/08

### Drawn Features

- Navette**, by Jim Hoeschen, Columbia-Willamette Faceters Guild, From: *FACETS*, 12/08

### Adult Poetry

- 9. Installation of 2008 Officers**, by Bill Stonecipher, Marcus Whitman Gem & Mineral Society, From: *The Rock Licker*, 1/08

### Adult Poetry, Honorable Mention

- My Grandma**, by Betty Hicks, Magic Valley Gem Club, From: *Magic Valley Gem News*, 9/08  
**From Atop the Rock Pile**, by Malcolm Wheeler, Sr., Boeing Employees Mineral Society, From: *The Tumbler*, 12/08

### New Editors

- 4. The Crystal & Gem News, 9/08, Vi Jones**, North Puget Sound Faceting Guild, Marysville, WA (NFMS)  
**New Editors, Honorable Mention**  
**Stone Age News, 10/08, Bill Moser**, Marysville Rock & Gem Club, Marysville, WA (NFMS)

### Mini Bulletins

- 1. Rock Rollers, 10/08, Erma Riese**, Rock Rollers Club, Spokane, WA (NFMS)  
**4. Rock Scoop, 3/08, Randy Vandehey**, South Douglas Gem & Mineral Club, Myrtle Creek, OR (NFMS)  
**7. Dusty Rocks, 6/08, Amanda Newnham**, Rock & Arrowhead Club, Klamath Falls, OR (NFMS)

### Small Bulletins, Honorable Mention

- The Hard Rock News, 6/08, Kathy Reimers**, Kitsap Mineral & Gem Society, Silverdale, WA (NFMS)  
**Coastal Waves, Spring-08, Carol Willey**, Oregon Coast Agate Club, Newport, OR (NFMS)  
**Rockhound Special, 11/08, Karen Hinderman**, Mt. Baker Rock & Gem Club, Bellingham, WA (NFMS)

### Large Bulletins

- 7. Pebbles, 3/08, Shawn van der Putten**, Everett Rock & Gem Club, Everett, WA (NFMS)

### Large Bulletins, Honorable Mention

- Rock-A-Teer, 8/08, Dana James**, Puyallup Valley Gem & Mineral Club, Puyallup, WA (NFMS)  
**News from Jasper, 10&11/08, Patty Amos**, Columbia Gorge Rockhounds, Corbett, OR (NFMS)

## NORTHWEST NEWSLETTER HISTORY

by Bryan Schroeder, Editor  
Northwest Newsletter

You will notice on the Volume number of this newsletter is the big "50" which would suggest this is a "golden anniversary" for this year of the newsletter. Hence, I thought a little history was in order.

The following information was provided by our historian, Shirley Leeson. Please note that the Northwest Newsletter was not the first publication for the Northwest Federation of Mineralogical Societies (NFMS).

### WHY A FEDERATION

By Paul Brannan, President  
Northwest Federation of Mineralogical Societies

Excerpt from: **NORTHWEST MINERAL NEWS**, First edition February 1954

I believe our constitution and by laws as originally drawn up tell the true purpose of a Federation, to quote:

"The Northwest Federation of Mineralogical Societies, Inc. was formed to bring about closer association of earth science societies of the Northwest, to promote good fellowship amongst the members of such societies and the further purpose of conveying knowledge to each other.

To hold annual conventions with suitable programs and exhibits for the benefit of the members and the public in general.

To cooperate with the various State Departments of Mines and Mining in order to promote knowledge of the mineral resources of the different states.

To assemble and gather together for exhibition purposes suitable collections to show at exhibitions that may be held in the future in any part of the United States or elsewhere.

To cooperate with similar federations in the Pacific Northwest or elsewhere. Membership in the Federation shall be open to all duly organized Mineral, Geology and Gem Societies in the Northwest."

The Northwest Federation since its inception on February 5<sup>th</sup>, 1938, has had its ups and downs. There has been a lot of bickering among members and Societies. This should not be. We should always work in harmony for the best interests of our societies and federation. We are growing continually. Let us keep up this healthy growth by working together.

This publication, above was adopted by the NFMS as its Official Publication. It's first edition was Feb 1954, last edition June/July 1958.

Earlier it was known as the Mineralogist, published by Dr. H.C. Dake, Portland, Oregon, the first NFMS President. Later it was bought by Gem and Mineral magazine and made a part of that magazine.

### More Information about Northwest Mineral News

I happen to have 11 issues of the **NORTHWEST MINERAL NEWS**. It was published in booklet form (i.e., fold a standard sheet of copy paper in half). It was a bimonthly publication, about 50 pages in length and cost 35 cents per copy. The 50 pages would be equivalent to 12 plus pages of our current newsletter size. In addition to 4-8 articles per issue, the newsletter contained a "Department Section", a classified ad page (or two) and 50 or more advertisers. There were two editors, a business manager and a circulation manager. I suspect the business manager took care of all the advertisement. Indian Artifacts, a topic listed on the front cover, are, of course, no longer legal to collect.

Below is an article reprinted from the Northwest Mineral News, October, 1954 (Volume 1, No. 5) which I think you might enjoy. If you would like a 55 year update, you can Google the same title as listed, and that is interesting reading too.

### **The Blue Lake Rhino**

by Professor George F. Beck  
Central Washington College

A party of about fifteen from the Outdoor Camp at Rustic Inn last August visited the proud Blue Lake Rhino in lower Grand Coulee. At the conclusion of the strenuous and literally dangerous trip, these hardy climbers instituted the "Order of Rhinoceros" Grandkeeper, Julius Hoverson, Rt. 3, Box 73, Kirkland, Wash.



Professor George Beck, seated above assists student from the rhino mold. Dark area just to the left is a tree mold

Three ranks are recognized in this new order of fossil hunters: (1) Full members: those daring (or reckless) individuals who scaled the bluff high enough to see the inside of the mold. (2) Those hardy but less adventurous souls who ascended to, and entered the great tree mold only. (3) Those reasonable persons who only watched the activity of the two ranks above from boats on Blue Lake.

On return to camp the Order of Rhinoceros recognized the claim of Mrs. Harvey Block of Yakima to full membership. Mrs. Block gave evidence that she had entered the rhino mold upon a previous visit. Anyone so entitled to membership, please communicate with the Grandkeeper. Once upon a time we put 90 Chelan junior high students through in two hours time. I imagine some 200 people have met the challenge.

Does everyone know that the Blue Lake Rhino has been accepted by science? Not that West American rhinos are questioned. This fellow existed during the age of rhinos and is no surprise. Not that animal molds are rare. But he was found at the time when geologists down to the last man would have scoffed at the idea of fossils in hot liquid basalt, that is, with body tissues still in evidence.

Through the interest of Dr. Wyatt Durham, a fellow Washingtonian, and Dr. Savage, both now of the University of California, the Blue Lake rhino measured and reconstructed, and duly catalogued among the ancient western population as a member of the Oligocene-Miocene age; that is some 25 million years ago.\*

As of this moment the Blue Lake rhino is the only mammal known to have been preserved in the Columbia basalts. While trees and whole forests lie preserved as molds, or petrified logs, among these basalts in five western states, no other mammal has been recognized in the 19 years since the rhino was found in lower Grand Coulee.

This unusual fossil was found by Mrs. George Peabody of Seattle in the summer of 1935 and reported to me a few weeks later. After you have visited the spot you will wonder what conceivable notion enticed Mrs. Peabody and her party of four, out upon a narrow ledge, 300 feet above the lake and canyon floor. More remarkable is the proposition that she recognized the cavity as a body mold, sought for and found jaw bones in the head extremity and reported them.

The rhino mold with its bone fragments was found entombed in about four feet of pillow basalts. Pillows are understood to form when flowing lava encounters standing water. Had the pillows been deeper, the lake that contained the dead and bloated rhino, say 20 feet deep, we might expect to have found the body intact—petrified, as in the case of trees.

At the same level as the rhino are to be found empty tree molds, the lava in both cases remaining too hot to spare the bodies, yet quenched enough to take and hold the shape of the consumed body. Several hundred feet lower, nearer the level of the lake, is another pillow zone and entombed forest. This forest was standing in about ten feet of water, but the logs were consumed as at the rhino level.

Large feldspathic phenocrysts (colored crystals) in the lower level indicate that it is the same flow that contains the thousands of logs at Vantage. Gene Kojan, graduate geology student from the University of Washington, who is mapping the lava flows in Badger Pocket, southeast of Ellensburg, thinks that the Squaw Creek forest (practically rifled) belongs to this same level. If that be true, the problem of working out the petrified forests of Central Washington is simplified.

Continued on page 11

## NFMS 2009 Case Competition Results

### Advance Level

Debbie McDowall, C-3 Lapidary, Billings Gem & Mineral Society  
 Louis Elenbaas, D-10 Jewelry, Marysville Rock & Gem Society  
 Bill Moser, EGS-5 Educational, Marysville Rock & Gem Society

### Masters Level

Gary Buhr, A-1 Open-Minerals, Everett Rock & Gem  
 Alexander Carrington (JR), BU-1 Minerals, Everett Rock & Gem  
 Carol Cimolino, CC-7 Lapidary, Marysville Gem & Mineral  
 Ranson Cotshall, CC-1 Lapidary, Everett Rock & Gem  
 Steve Gustafson, CC-1 Lapidary, Mt. Hood Rock Club  
 Laura Cimolino, CC-2 Lapidary, Marysville Rock & Gem  
 Cheri George, D-10 Jewelry, Club at Large  
 Alex Moedl (JR), EGC-1 Educational, Idaho Falls Gem & Mineral  
 Ralph Mathewson, CW-6 Intarsia, Hells Canyon Gem Club

### Memorial Trophies

Ted Hedin, Petrified Wood: Frank Posthuma  
 Rod Smith, NFMS Material: Steve Gustafson  
 Lester Zeihn, Minerals: Alexander Schauss  
 Isabel Mattison, Junior Award: Nickolas Ernsberger

### Sweepstakes

ADULT - Linn Enger  
 JUNIOR - Alex Moedl

### Other Awards

Alex Moedl (JR), A-7 Open -Mixed, Idaho Falls Gem & Mineral  
 Gary Buhr, A-1 Open, Minerals, Everett Rock & Gem  
 Alexander Carrington (JR), BU-1 Minerals, Everett Rock & Gem  
 Joe Slouber, BU-1 Minerals, Butte Mineral & Gem  
 Larry Hulstrom, BU-7X Minerals, Lakeside Gem & Mineral  
 Sue & Al Leibtrau, BC-1 Minerals, Lakeside Gem & Mineral  
 Alexander Schauss, BT-1 Minerals, Puyallup Valley G & M  
 Alexander Schauss, BT-7X Minerals, Puyallup Valley G & M  
 Steve Gustafson, CC-7 Lapidary, Mt. Hood Rock Club  
 Steve Gustafson, CC-1 Lapidary, Mt. Hood Rock Club  
 Ransom Cutshall, CC-1 Lapidary, Everett Rock & Gem  
 Laura Cimolino, CC-2 Lapidary, Everett Rock & Gem  
 Char Jorgensen, DST-6 Jewelry Wirewrap, Everett Rock & Gem  
 Laura Cimolino (JR), EGC-1 Educational, Everett Rock & Gem  
 VI Jones/North Puget Sound Faceting Guild, EGC-1 Educational  
 Linn Enger, CW-6 Intarsia, Hells Canyon Gem Club  
 Chris Blickfeldt, EIC-5 Educational, Idaho Gem Club  
 Al & Sue Leibtrau, UV-1 Fluorescent, Lakeside Gem & Mineral

## All American Club Award Program

The All American Club Award was established to encourage clubs to share their activities and expertise with other clubs within their respective regions and with the clubs of the American Federation of Mineralogical Societies. This was done by the seven regional federations and the AFMS in 1967. It was also meant to provide an organized approach to an historical record of a club's activities, and provide a means for national recognition of these exceptional clubs.

The Award focuses on the efforts of each club to be a good neighbor, support other clubs and government initiatives, and provide an avenue of learning and growth for its members, among other things. Each report is read and judged for completeness and quality, as well as inclusion of those activities thought to make a well-rounded club. This is not a competition between clubs, but rather a competition of each club against a 'national standard', established by a committee of judges and regional chairmen.

The Award is broken into two categories: large clubs (100 members or more) and small clubs (less than 100 members). Junior clubs with five or more members can also submit entries. Gold, Silver and Bronze awards are given, based on a point-count system. If you would like more information, please contact Education Chairman (see page 2).



Paul Heesacker accepts the All-American Silver for the Clackamette Mineral and Gem Club from John Washburn (AFMS All-American Club Chairman)

## WEBMASTER CONTEST RESULTS AND NEWS!!

by Cheri George, Website Contest Chairman



Hi everybody! It was wonderful to meet many of you at the NFMS/AFMS Show in Billings, Montana this year. Interestingly enough I met Bryan Schroeder walking across the parking lot with a coffee cup in his hand, and had a few words with him. The people I met there were so wonderful and friendly.

My friend Susy and I enjoyed talking to all the ladies about the new Beading category to be added for 2010.

I also enjoyed meeting some of you and presenting my NFMS Webmaster Contest Awards at the Editor's Breakfast.

I want to announce the winners of the Webmaster Contest for 2009 and congratulate them on their fine work.

FIRST PLACE: Susan Appleby- Willamette Agate and Mineral Society, Susan also took third place in the AFMS Contest. Congratulations!

SECOND PLACE: Jack Eads- Kitsap Mineral & Gem Society (nice meeting you Jack!)

THIRD PLACE: Charlie Wyckoff- Klamath Falls Rock & Arrowhead Club

FOURTH PLACE: Steve Scarborough- Eugene Mineral Club

I have truly been honored to chair this contest for the Northwest as an Honorable Member, next year it will be official. I am now a real live Member-at-large of the Northwest Federation of Mineralogical Societies. Thanks to Paul, Lyle, and Fritz for their help in figuring out how I could do it. You guys are really great!!

NOW FOR THE EXCITING NEWS!!

Next year, that's 2010 (sheesh!), the name of the Contest is being changed to the WEBSITE Contest; I hope all of you will consider entering. I expect to see the four from this year as well as the late entry I received from the West Seattle club, and there are some others out there as well. I know you are there because I met some of you at the show. Let's have a truly great showing for the contest and show those California people just how great the Pacific Northwest is!

I continue in my position of WEBSITE CONTEST CHAIRMAN and you can reach me at lizardwoman3@yahoo.com or Cheri George, 1641 W Avenue L4, Lancaster, California 93534, Phone 661-723-4755 or on my cell in January 562-243-8470.



The following article is from the "Safety Corner" of the September, 2009 issue of the AFMS Newsletter.

### Radioactivity and You by Ted Rieth, AFMS Safety Chairman

I taught military students about nuclear weapon effects and defense against same for my two years U S Army active duty service many moons ago. My feeling at the time was that few outside the nuclear physics or health physics world had any meaningful understanding of this topic. I fear that the general knowledge has not improved much since then.

When the term 'radioactivity' is used in general conversation, I feel most thoughts focus on Three Mile Island and Chernobyl. I know scores of people who would take a wide berth around an operating nuclear power plant (out of safety concerns) rather than take one of the fascinating tours some of them offer.

Radioactivity and fluorescence are somewhat related, in that neither can be detected by any of the five senses; specific electronic devices are necessary to know their existence. However, fluorescence can't hurt you, while radiation can be a hazard.

There are three types of radioactivity that may be emitted by the unstable nuclei of certain minerals. Borrowing on the Greek alphabet, they are:

- Alpha: structurally a helium nucleus. This form of radiation has very low penetrating power (can be stopped by a sheet of paper), thus is no hazard outside the body. Internally, however, it poses a risk if an alpha emitter would be inhaled or ingested.
- Beta: structurally, a stream of electrons. Beta has some penetrating power, though can be stopped by a thin piece of aluminum. It is more of an external hazard than alpha — prolonged skin contact will produce a sunburn-like effect. Internally, it's of lower hazard than alpha, but eating is not advised.
- Gamma: essentially similar to X-rays. These, depending on energy level, have great penetrating power, and can be stopped only with generous amounts of high-density materials such as Lead. They may pass through the body without doing damage, or may chip electrons off atoms and cause great damage if the energy is high and the exposure time is long.



How may one identify such species in their collection? To start, some of the more common radioactive minerals are: Uraninite, Torbernite, Autunite, and Gummite — all uranium containing species. To detect them, a Geiger counter (military Radiac instrument) is needed. EBay lists quite a few devices in the \$20 - \$60 range, most are

Civil Defense items. Many of them measure Gamma dose rate and detect Beta, such as the CDV 700 device used by Civil Defense. Alpha detectors are unusual, and harder to find. If you have a local CD unit, they may be willing to lend you a device. In any event, you need one used for personnel monitoring (lower dose rate) rather than one for survey.

So, you determined part of your collection is radioactive.. what to do. Common sense takes over. Don't eat, drink, or smoke while handling these materials. Wash your hands after handling. Store them further away from your living areas (dose rate decreases with the square of the distance). Avoid mechanical processes which may put fine debris in the air. Consider that Lead-lined box for fairly strong Gamma emitters (but not for Beta).

Like many other hazards in life, one can generally control them with knowledge. Handled safely, you'll get more radiation in a CT scan, from normal background (always present) radiation — cosmic rays and naturally occurring radioactives, and from the radioactive Potassium 40 present in your own bodies than you will from your mineral collection.

Free safety PS.: The US Dept of H&HS offers a household product safety site, which may be reached at <http://householdproducts.nlm.nih.gov/index.htm>. This site includes many specifically named commercial products commonly found around the home and discusses topics such as health effects, symptoms of exposure, first aid, physician notes, and many others.

Additional information may be found at [www.hedegaard.com/Minerals/Groups/Radioactives.html](http://www.hedegaard.com/Minerals/Groups/Radioactives.html). This link is fairly well written and may be included for those who wish to do additional reading:

[I've enjoyed sharing safety thoughts with AFMS people over this past year; hopefully, you found these articles different, interesting, and informative. -TJR]

## Huge Calcite Crystals, Part 1 - Exploring

by Bob Bristow

Evans Camp Quarry was listed in one of the rockhounding books and I took my son and my brother and his wife to explore it in the early 1980's. Figure 1 is a map of the Evans area. It was a typical small quarry except that it had two small caves. These caves had both cave decorations and cavities lined with aragonite crystals. I didn't want to disturb any of the formations in the caves but

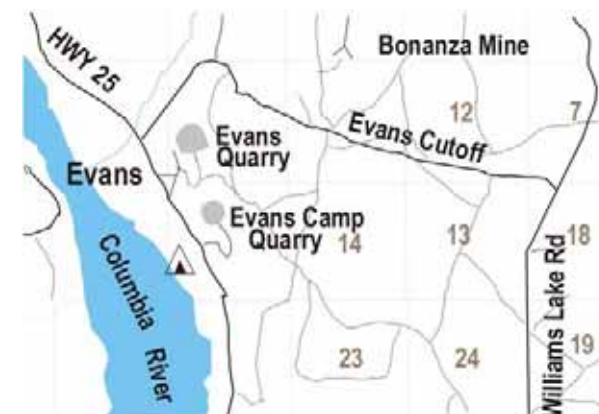


Figure 1. Map Showing the Evans Quarries

some of the flowstone and cave decorations were on the surface of the quarry walls. These could be collected because they would weather and disappear rapidly. However, what really was interesting was a slab of limestone that had been dumped recently in the middle of the quarry floor. This large slab was completely covered by clear, well-formed aragonite crystals. Unfortunately, the slab had been dropped on the side with the crystals and then rolled over. This left hundreds of one to two inch clear crystals laying all over the ground. We picked up a bag each. We then went on to explore the caves. One cave didn't have much in the way of cave decorations and the other was filled by red mud. A large stalagmite was showing in the mud so we knew that it had been open at one time. (The stalagmite was about 12-inches long by four wide. We didn't take it because there were layers of mud all through it.)



Figure 2. The Author Climbing up to Cave

A couple of years later, I took Luci to see the quarry and get some more crystals. The crystals were still there. I decided to explore the old processing plant. There was a large concrete structure still standing where a crusher had been. There were a number of rooms and while checking them out I encountered the smell of dead meat. I followed the smell to a support area with a narrow slit in the top and a slope of dirt down to a concrete wall at the back. In the dim light, I could make out a plastic-wrapped form about six feet long and tracks where someone had dragged it down the steep incline. With the hair now standing up on the back of my neck, I crawled back out and raced to the car. I got Luci and a flashlight and crawled down the steep slope to the plastic form. With beating heart I unwrapped one end and stuck the flashlight in. It was a dead dog! Someone had gone to a great deal of trouble to see that it wouldn't be found!

Some years later, Rex Barrans and I went back to see if this would be a good place for a club field trip. There were some big changes. The whole bottom of the quarry where the aragonite crystals had been was now covered by red mud. A big part of the mud that had filled the cave had flowed out onto the quarry floor covering the crystals. Figure 2 shows the author climbing up to one of the caves. Since we didn't have any lights, we didn't explore the cave. I came back with my brother together with lights and climbing rope. The cave went up at a steep angle and the rope was handy to get back down and out. There were many cave decorations. Figure 3 shows two small columns at the end of the area now free of mud. In a few more years, there may be more of the cave to explore since it appears that tons of mud come down each spring.



Figure 3. Columns at end of Cave

**NFMS JUNIOR ROCKHOUNDS**

**News Flash September 2009**



**Juniors  
Chairman  
  
Gary Buhr**

Holy Cow Batman! We saw lots of them in Montana

while driving the "vango" to our major event of the year: 2009 AFMS/NFMS Annual Show and Convention hosted by the Billings Gem and Mineral Club. Show Chairman Doug True made sure every part of this huge event brought happiness, fun and success into the lives of every single participant. Show-goers and guests were able to easily enjoy their time viewing and interacting with Rockhounds from all over the planet. Purchases from quality dealers, seminars of keynote education, award winning displays, primo demonstrators and the 2009 NFMS KIDS CORNER added unforgettable value for all in attendance. Yep, this is as good as it gets! "THANK YOU" Show Chairman Doug True for your professional leadership and planning that resulted in a world-class Rock Show.



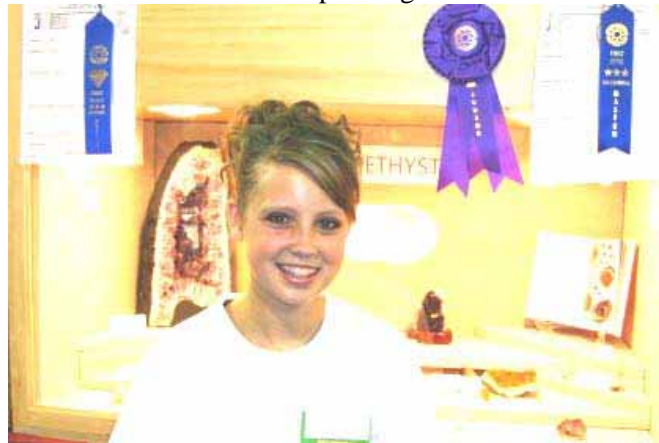
Photo above is a group from New Jersey and Montana by the KIDS CORNER banner and USA flag enjoying gem panning. The 2009 NFMS KIDS CORNER was clearly the fun zone for Juniors and certainly some seasoned folks. For four days, hundreds favored the Sand Gem Panning, the 4 ft Spinner Wheel of Fortune, Critter Making and the FREE Mineral Bingo Game, which was staffed 100% by Lorna Goebel of Everett Rock & Gem and Friends of Mineralogy (picture below). Lorna's cat Big Boy had a scary first day processing all the new noises and scents, but soon enjoyed playing with feathers or whatever moved.



Helpers at the KIDS CORNER included LAURA CIMOLINO and her boyfriend BRIAN ALVAREZ, RANSOM "The Spinner" CUTSHALL, ALEXANDER "The Honker" CARRINGTON, and NATHANIEL CUTSHALL, all representing Everett Rock & Gem Club. We were so busy a bunch of over 18 Rockhounds had to be recruited from the Lakeside Gem & Mineral Club: Norm Massey, Loretta Massey, NFMS President Evelyn Cataldo, Eva Jensen, Dom Cataldo, Kay Hulstrom, Joshua Hulstrom and Larry Hulstrom; from the Hells Canyon Gem Club: Rose McArthur, Orville McArthur and their granddaughter ALLYSON; and from the Everett Rock & Gem Club: Carol Cimolino, Mel Buhr, Neil Cutshall, Doug Carrington and NFMS 1st VP Fritz Mack, who transported all the hardware and supplies for the 2009 NFMS KIDS CORNER.



Pictured together are five top Junior Rockhounds who enjoyed a big presence at the 2009 Awards Banquet. Standing side by side holding part of their NFMS/AFMS competition trophies are left to right ALEX MOEDL-Idaho Falls, ALEXANDER CARRINGTON-Everett, RANSOM CUTSHALL-Everett, LAURA CIMOLINO-Everett, and NICK ERNSBERGER-Golden Spike-Ogden.



First individual Junior photo is ALEX MOEDL of the Idaho Falls Gem & Mineral Club in front of one of her two competition displays. Her case titled "My Geology Adventures" scored big again this year and her new display of "AMETHYST" showed crystals, jewelry, gemstones and stalactites from locations like Brazil, Uruguay, South Africa, Kazakhstan, Montana, Mexico and South Carolina. With these she won NFMS 1st Place Educational Masters and AFMS First Level Blue Ribbon for Educational Masters. She also received the high value NFMS Junior Sweepstakes Award for the 2009 Show.

Next individual Junior picture is NICK ERNSBERGER (next column) a Golden Spike Gem & Mineral Society member standing by his award winning fine work. NICK's display included self-designed, hand-made jewelry using obsidian, agate, jasper and glass to win the AFMS First Level Blue Ribbon in Juniors Jewelry and Art Metalcraft competition. He also received the Isabelle Mattison Memorial Award for best Junior Case, as well as many requests for NICK to make personalized custom jewelry!



Photo above is Junior Rockhound RANSOM CUTSHALL of Everett Rock & Gem Club savoring his competition case full of personally designed, self-cut & polished cabochons from agate, jasper, tigereye, rhodochrosite, topperite, Labradorite and petrified wood. This is his first competition case which sported 26 custom cabs to win NFMS 1st Place Blue Ribbon Class CC-1 cabochons and AFMS 1st Place Blue Ribbon Class CC-1 cabochons.



Next picture is LAURA CIMOLINO of Everett Rock & Gem Club standing by her exceptional "PYRITE" competition educational display. Noting sulfur plus iron equals pyrite, the case includes nodule, sun, massive, cube, stalactite and twin habits of pyrite. She displayed a pyritized ammonite, concretion, and specimens of pyrite crystals. LAURA won AFMS 1st Place Educational Junior Class trophy. Her second competition case was new this year full of Brazilian agate cabochons that she designed and crafted. She was awarded NFMS 1st Place Masters trophy in Class CC-2 and AFMS 1st Place Masters trophy in Class CC-2 for her Brazilian agate cabochons.



Final individual Junior picture is ALEXANDER CARRINGTON

**Continued on page 11**

**Continued from the Junior Page 10**

in front of his competition display of fine minerals such as calcite, quartz, pyrrhotite, galena, native copper, spodumene, malachite, stibnite, wulfenite, pyromorphite, vanadinite, pyrite, topaz, mimetite, ilvaite, fluorite, Brazilianite, kyanite and chalcopyrite. ALEX won NFMS 1st Place Minerals Juniors Class BU-1 and AFMS 1st Place Minerals Juniors Class BU-1 with his spectacular display. He also received the Lillian Scheffres Turner Award for the Junior Display judged best of the National AFMS Show.

This year at the Awards Banquet, ALEX MILLER of the West Seattle Rock Club was the 2009 NFMS Junior Achievement Award Winner, age 12 and under category. His Juniors Advisor Audrey Vogelpohl accepted this coveted award for him. ALEXANDER CARRINGTON of Everett Rock and Gem Club was the Winner of the 2009 NFMS Junior Achievement Award, over age 12. Both of these 1st Place Winners will be highlighted in the next edition of Northwest Newsletter and on your Website.

Donors to the 2009 NFMS KIDS CORNER and the Junior Achievement Trust Raffle included Vi Jones-Aura Designs-Skagit; Mel Buhr-Everett-he also did a superb job of setting up the Raffle Case Prizes; Joe Slouber-Butte; Gary Buhr-Everett; Carol Cimolino-Everett & Marysville; NFMS 1st VP Fritz Mack-Everett; Roger Beck-Eureka; Lorna Goebel-Everett & Friends of Mineralogy; H & I Lapidary-Tacoma; Show Chair Doug & Jeanette True-Billings; Geysers Park Family Fun Center-Billings; Outback Steakhouse-Billings; Cracker Barrel Old Country Store & Restaurant-Billings; Larry & Karla Field-Billings; Sagenite Man-Gary & Rebecca Buss-OR; Bonnie and the late Richard Glismann-Golden Spike; Fred Burton-Golden Spike; Mike Blanton-Boeing; Dorothy & Glenn Lee-Oregon Trail; Clyde & Thelma Whittiker's Jewelry & Fine Gifts-Circleville, UT; Gemcarve-Earl & Verda

Moss-Billings; C. Anne's of Montana-Christine A. Brummitt-Livingston, MT; Sunstones and Such-Harbor, OR; Oasis Prospecting-Edmonds, WA; Wild Stuff Studio-Jane Haburchak-Billings; Rock-n-Wonders-Cindi Kober-Billings; Helen Fryer-Billings; Lloyd Norby-Billings; Village Smithy Opals-Steve Newstrom-Billings; Rose McArthur-Hells Canyon, ID; Montana Fine Agate-Phil Garnett-Laurel, MT; Steve & Edna Nelson-Mt Hood; Dick Parks-Mt Hood; Maki's Gems-Helena, MT; Thurston & Betty Dotson-Helena; ROCKBUDDIES.NET-Elko, NV; MAKING JEWELRY-Mary Ann King-Benicia, CA; and EDWARDSBLACKJADE.COM-Lynn Edwards. Each Junior that participated sends a great big "Thank You" to all these generous donors for fueling the fire of fun at the KIDS CORNER.

**The Blue Lake Rhino, Continued from page 7**

Anyhow, we would like to know how many people have seen the Blue Lake rhino from the inside, have recognized the four feet and extended head, the bloated condition, and have accepted him as reality. Send in your names, please, and the date.

Note: If you wish to chance the bluffs without guide, contact Millard's Beach (formerly McCann's Beach) at the head of Blue Lake. They can provide boats for the lake crossing. The rhino lies two-thirds of the way up the bluff immediately above the concrete foundations (an abandoned pump) at the head of Jasper Horn.

\*Mold of a Rhinoceros in Basalt, Lower Grand Coulee, Washington - Walter M. Chappell, J. Wyatt Durham, Donald B. Savage—Bulletin of the Geological Society of America, vol. 62, pp. 907-917, 1951

**Used Equipment for Sale**

I am helping a friend sell her late husband's lapidary equipment. Call Dixie Reale at 208 293-4340 to view these items or Email me at dixiereale@mac.com or dixie@kountinghouse.com.

**Several Poly arbors with 8 inch grinding and polishing wheels. Motors work. \$200. each.**

**Bull Wheel -12 inch grinding and polishing machine motor (works). \$900.**

**Highland Park Trim Saw with 8 inch blade, motor works. \$300.**

**Highland Park 14 inch slab saw with blade, motor works. \$1000.**

**8 in. Lortone arbor, needs motor. \$50.**

**10 in. trim saw with blade, needs motor. \$75.**

**10 inch trim saw, needs motor & blade. \$50.**

**Facette faceting machine - - includes mast, turn table, and several extra laps. Motor works but switch needs attention. \$500.**

**Extra screw feeds, polishing wheels and miscellaneous used lapidary parts.**

**Two head Covington sphere maker. It has 1 1/2 inch, 2 inch, 3 inch and 4 inch cups. Both motors work. \$800.**

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44th ANNUAL

**ROCK & GEM**

**SHOW**

SEPT. 19, 2009  
10:00 A.M. - 6:00 P.M.

SEPT. 20, 2009  
10:00 A.M. - 4:00 P.M.

DEALERS

FOOD - DOOR PRIZES - GEM DIG  
DEMONSTRATORS - SPIN TABLE  
COUNTRY STORE - SILENT AUCTION  
VOICE AUCTION (SAT 3 P.M.)


CASTLE ROCK FAIRGROUNDS  
CASTLE ROCK, WA

**\*\*FREE ADMISSION\*\***

THE SOUTHERN WASHINGTON  
MINERALOGICAL SOCIETY

Show Chairperson Fran Wolff  
360 560 2987 fwo1ff@comcast.net

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**CLACKAMETTE MINERAL & GEM CLUB'S**  
45TH ANNUAL  
**GEM and ROCK SHOW**  
"NATURE'S BEAUTY IN STONE 2009"

**CLACKAMAS COUNTY FAIRGROUNDS**  
694 NE 4TH AVE. CANBY, OR

**OCTOBER 24 & 25, 2009**  
SAT. 9 AM - 6 PM, SUN. 10 AM - 5 PM  
**FREE ADMISSION**

Door Prizes  
Display Cases  
Dealers  
Demonstrations  
Silent Auction  
Slabs  
Fluorescent Show  
Kid's Korner  
Bargain Rocks  
Snack Bar  
And.....**MORE!!**

For More Information Contact: Rick Mauer: (503) 691-6395 or tallerricardo@juno.com,  
Bea Settle: (503) 631-3128, www.clackamettegem.org, RockHound@clackamettegem.org


## 2009 Gem & Mineral Show Calendar

Date	Club/Show Name	Show Location	Contact Person
<b>Sep 12-13</b> Sat 10-5 Sun 10-5	Marcus Whitman Gem and Mineral Society Show	Walla Walla County Fair, 9th St. and Orchard, Comm. Center, Walla Walla, WA	Warren Rood 509-522-2330 wrood@coffeycomm.com
<b>Sep 18-20</b> Fri 8-6 Sat 8-6 Sun 8-5	29th Annual Portland Regional Gem & Mineral Show, "A Rockhound Revival"	Fair Complex (across from Hillsboro Airport) Hillsboro, Oregon	Russ Snook 503-648-3989, dmsnook28@yahoo.com
<b>Sep 18-20</b> Fri 10-6 Sat 10-6 Sun 10-5	Far West Lapidary & Gem Society ANNUAL GEM FEST	4 <sup>th</sup> St. Parking Lot (across from Outdoor Inn) Coos Bay, OR	Rocky Pribble 541-572-8301
<b>Sep 26-27</b> Sat 10-6 Sun 10-5	Hellgate Mineral Society 15th Show, GOLD (50 Yrs) Rockhounding	Ruby's Reserve Street Inn, 4825 N. Reserve Missoula Montana	Bob Riggs, 14 Holiday LN, Missoula Montana 59081 (406) 543-3667
<b>Oct 2-4</b> Fri 10-5 Sat 10-5 Sun 10-3	Clallam County Gem & Mineral Society "Earth's Treasures"	Clallam County Boys/Girls Club 400 West Fir Street Sequim, WA 98382	Foster Thompson, 360-670-1405 or 360-681-7981 Sonia Zachman 360-452-8588
<b>Oct 10-11</b> Sat 10-5 Sun 10-5	Marysville Rock & Gem Club Annual 'Rocktoberfest' show	Totem Middle School 7th Street & State Ave Marysville, WA 98270	Bill Moser, 425-238-8222 bill-jj@comcast.net or Rocky McCall 360-629-2515
<b>Oct 16-18</b> Fri 12-7 pm Sat 10-7 Sun 11-4	Springfield Thunderegg Rock Club 52nd Annual Rock and Gem Show	Gateway Mall 3000 Gateway Street Springfield, OR	Bob Smith 541-741-0060 John Randall 541-683-2661 sweetbottom@juno.com
<b>Oct 17-18</b> Sat 10-6 Sun 10-5	43rd Annual Hells Canyon Gem Club Show "Hidden Treasure"	Nez Perce County Fair Building 1229 Burrell Ave Lewiston, Idaho	Rick Westerholm (208) 746-2101 rkwester@cableone.net
<b>Oct 24-25</b> Sat 9-6 Sun 10-5	Clackamette Mineral & Gem Club, "Nature's Beauty in Stone 2009"	Clackamas Co Fairground Pavilion Bldg, 694 NE 4th Ave., Canby, Oregon	Rick Mauer 503-691-6395 tallerricardo@juno.com
<b>Oct 24-25</b> Sat 9-6 Sun 10-5	Bellevue Rock Club "Octoberfest of Gems" <a href="http://bellevuerockclub.org">bellevuerockclub.org</a>	Vasa Park, 3560 West Lake Sammamish Blvd. SE Bellevue, WA 98008	Marjorie McKinley, PO Box 1851, Bellevue, WA 98009, 206-633-1421
<b>Nov 6-8</b> Fri 5-9 Sat 10-5 Sun 11-4	Chugach Gem & Mineral Society & Alaska Miners Assoc. 8th Annual show CGMS' 50 <sup>th</sup> Anniv.	Sheraton Anchorage Hotel, 2nd floor, 401 E. 6th Ave Anchorage, Alaska	Anita Williams (awilliam@alaska.net) Sharon Cox 907-563-9229
<b>Nov 14</b> Sat 5:30 pm Sat 7-10 pm	Columbia Willamette Faceters' Guild 35th Annual Gem & Jewelry Auction	Monarch Hotel 12566 SE 93rd Ave Clackamas, Oregon 97015 Preview @ 5:30 p.m.	Gail Lough 971-678-2862 glough7@gmail.com
<b>Nov 13-15</b> Fri 10-5 Sat 10-5 Sun 10-4	South Sound Gem, Opal & Mineral 5th annual show (BEMS & NOA)	Puyallup Fairgrounds Exposition Hall, Meridian Street S and 9TH Ave SW, Puyallup, WA 98371	Lyle & Char Jorgensen 425-483-0557 mechanix@comcast.net
<b>Nov 14-15</b> Sat 9-5 Sun 10-5	Skagit Rock & Gem Club, Annual Show "Treasures of the Earth"	Sedro Woolley Community Center, 720 State St. Sedro Woolley, WA	Lois Stone Clear Lake, WA (360) 856-1190
<b>Nov 21-22</b> Sat 10-5 Sun 10-5	Kitsap Mineral and Gem Society Show "Fall Festival of Gems".	Kitsap County Fairgrounds 1200 NW Fairgrounds Rd (Pres. Hall), Bremerton, WA	Gerry Alexander (360) 876-4543

## 2010 Gem & Mineral Show Calendar

Date	Club/Show Name	Show Location	Contact Person
<b>Feb 13-14</b> Sat 9-5 Sun 9-4	Whidbey Island Gem Club 45th Annual Sweetheart of Gems Show	Oak Harbor Senior Center 51 S. E. Jerome Street Oak Harbor, WA	Keith Ludemann 360-675-1837 rock9@whidbey.net
<b>Feb 27-28</b> Sat 10-7 Sun 10-5	Idaho Gem Club Annual Show	Expo Idaho 5610 Glenwood Boise, Idaho	Charlie Smith (208) 628-4002
<b>Feb 27-28</b> 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
<b>Mar 12-14</b> Fri 10-6 Sat 10-6 Sun 10-5	Rock Rollers Club EARTH TREASURES	Spokane Co. Fair & Expo Ctr N. 604 Havana, at Broadway Spokane, Washington	Leon Agee (509) 276-3992 Jim Cotant (509)534-1746

**29TH ANNUAL  
PORTLAND REGIONAL  
GEM AND MINERAL SHOW**  
PREMIER SHOW OF THE NORTHWEST  
BY AND FOR ROCKHOUDS!



**A ROCKHOUND  
REVIVAL**

**Fri-Sat: 10am-6pm • Sun: 10am-5pm**  
**Hillsboro Fairplex**  
(on Cornell Road, across from Hillsboro Airport)

**September 18-20, 2009**

**FREE PARKING!!!**

- ★ Jewelry/Gems
- ★ Supplies
- ★ Beads
- ★ Door Prizes
- ★ Club Info
- ★ 39 dealers
- ★ Fossils
- ★ 130 exhibits
- ★ Demonstrations
- ★ Silent Auction
- ★ Educational Programs
- ★ Equipment

...and much more!!

**Pirate's Cove for kids!**

General Admission.....\$5.00  
Children 12 and under free with adult

**For more information:  
[www.portlandregionalgemandmineral.org](http://www.portlandregionalgemandmineral.org)**