



NORTHWEST NEWSLETTER



TIME SENSITIVE MATERIAL

Northwest Federation of Mineralogical Societies
Tom Burchard, Circulation
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S Ogden, UT 84403-2913

VOLUME 55, NO. 3 Northwest Federation of Mineralogical Societies MARCH 2015



Warren Rood President

Pass it on

Have you heard the old saying “you can’t teach an old dog new tricks”? Don’t believe it for a second. Part of what keeps us thinking and acting young is the constant learning process. I know for sure that this old dog loves to learn new tricks, whether it be a new method in lapidary, ceramics, or even cooking. Since I teach ceramics as well as lapidary at our college, I am always looking for new methods to teach in these subjects. Learning new things is what keeps life interesting and fun.

One of the new lapidary techniques that I have learned in the last few years at the Northwest Rockhound Retreat is the art of making doublets and triplets. This is the process of layering stones to make unique effects. When I first read the description for this, I thought it would be phony and boring. After seeing some beautiful examples from Pat Lloyd the instructor, I changed my tune quickly.

Part of learning new things is that now you have the ability to pass on the knowledge to others. This past winter quarter in my lapidary class I have been teaching doublets and triplets to others in our community and in our club. It has been very exciting to watch the progress of my students and to see the beautiful products.

A doublet is the layering of two stones. One of my favorite outcomes is to take a fairly clear agate that has a light or white pattern such as plume agate and epoxy it to a very thin slice of black basenite (pictured left). This makes the light blue or white pattern stand out. Then when you make a cabachon, you turn a bland stone into something quite unique. You can also do this with a very thin piece of rutilated quartz. Another doublet favorite is to take a thin slice of Montana agate that is mostly semi transparent with a pale pattern and epoxy it to a mirror (pictured right). Once you cab it, you have a pattern that stands out and glows. You can also do this with thin slices of mostly transparent midnight lace obsidian (picture below left). One



student did this to a thin piece of fluorite, which was gorgeous.

A triplet is 3 layers of stones. One of the most common applications is to save a very thin, but beautiful piece of opal. The opal is sandwiched between the thin piece of basenite and a cap of clear quartz. Once you cab it, you have saved the opal and produced a beautiful piece. You can also do this with thin dried flowers, leaves and even feathers (pictured right).



I know there are many talented people in the Northwest Federation of Mineralogical Society who have tremendous skills including cabbing, silver smithing, wire wrapping, intarsia, knapping, free forming, sphere making,

doublets and the many other aspects of jewelry making. I hope that each of you will consider passing on your talents to those in your club and community. For all of those that think you can’t learn anything new consider asking some of those talented people in your club or area to help you learn their skill. You will be glad you did. It is this sharing of talent that makes for a great learning environment in our clubs.

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NEWSLETTER DEADLINE:

April Deadline: April 20th

For deadlines and to submit articles contact
Beth Heesacker
Email: nfmseditor@coho.net

NFMS Website:
www.amfed.org/nfms

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

<http://www.amfed.org/nfms/newsletters.asp> and click on the month you want to see.

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OFFICERS' REPORTS



Hidemi Kira 1st Vice President

Hello to All,

It seemed like the spring came in earlier this year as it was pretty warm recently around where I live. And now the real spring is here and the fun season has arrived!

The rock club shows around in my neighborhood have started. In mid-February, I had a pleasant time visiting the Oregon Agate & Mineral Society's (Portland, OR) Show held at OMSI in Portland. It was very nice and we had a lot of fun seeing our friends and enjoyed the display cases and the show. They had several special displays, which one of the originators of the club has made in the past and displayed every year at their show. It was so beautiful that I am hoping it will be displayed at the NFMS/AFMS combined Show in Albany in 2016 to show it off to our fellow rockhounds from around the country. The 2016 Show in Albany is looking for over 200 display cases, so if you know any good looking cases, including yours, please notify the Show Chair, Janice Van Cura (Willamette Agate & Mineral Society, Salem, OR) at jvancura@peak.org for her to consider. I am sure she will be asking around when the time come close, but it will be nice to have an early start. And it will be a great opportunity to participate in the competitive cases at the AFMS level as well, so it may be not too early to get started.

For these several years, we have been invited to set up display cases at our neighbor clubs and have just set up two display cases at the Tualatin Valley Rock & Gem Club's Show held in Hillsboro, OR and will be setting up two cases at the Sweet Home Rock & Mineral Society Show at the end of this month. As wrote in the previous issues, displaying at other club shows is a very good opportunity to make more friends and to learn more in detail what the other clubs are doing. And it is a good opportunity to make some friends of those clubs and encourage them to come and set up their cases at your own club's show.

I am sure there will be full of information regarding the NFMS Show in Ogden in this issue and hope many of the members are planning to attend the meetings, show and the field trips. My first trip to Utah for rockhounding was the two week club's field trip in 2003, right after I joined the club. At that time I hadn't even cut a rock and knew almost nothing about rocks and knew nothing about driving on terrible roads. The club field trip was led by the most experienced and knowledgeable couple, Forrest and Bea Settle of the Clackamette Mineral & Gem Club, to which I belong. They had been leading the trip to Utah every 5 years as a club field trip and the year we went was the last one. I clearly remember the fun and excitement of seeing whole mountains of agates, collecting various agates (Blue, Last Chance, Pigeon Blood, Grape and much more), jaspers, wonderstones, onyxes, dinosaur coprolites, petrified wood, Topaz (although it was all tweezer size...), fossils, Dugway geodes and all kinds of other material. The scenery was spectacular and we had an opportunity to visit the Arches National Park as well. Sad part was that the beryllium mine (place to collect the beautiful purple rock now called "Tiffany Stone") was closed to rockhounds the year before our visit due to the bad behavior of a rockhound. It is very sad that one person can close a collecting site like this.

My wife and I learned all the basics of the rockhounding during that trip and enjoyed it very much. One thing we regret is that since we were beginners, we were always looking for small material that didn't have to be cut with a slab saw and could go straight to the "Genie" to grind and polish. After the Ogden Show, I am hoping to re-visit some of the places we went in the past and make sure we pick the right material. And there are many places we have never been, so we have to explore those too.

Utah is a paradise for rockhounds, so I suggest you visit the sites before or after attending the meeting and the show in Ogden! I heard recently that things have changed since our last visit and some of the places we went to in the past now need permits or need prior arrangements. There are several good websites to check the current situation, so please check it out and have fun in Utah!

I look forward to seeing you in Ogden!



See you in Ogden!

**April 10-12, 2015
NFMS Annual Meeting
Ogden, Utah**



**Federation Fieldtrip
July 2-5
Vale, Grassy Mountain and Hoo Doo Basin**

Save the date for this year's federation field trip in eastern Oregon. This will be in the Vale, Grassy Mountain and Hoo Doo Basin areas. GREAT Petrified wood. The permit process for this area will take some time.

Watch for updates and if you would like to help with this one, contact Doug True, dtruefossils12@yahoo.com

NFMS MEETING INFORMATION - APRIL 10-12, 2015

ADVANCE REGISTRATION

*"Gemstone Junction 2015" Golden Spike Gem and Mineral Society
& Northwest Federation of Mineralogical Societies.*

Weber County Fairgrounds, 1000 N 1200 W, Ogden, UT (Golden Spike Exhibit Hall)
April 10, 11, 12, 2015

(Please Print) One form per person. Forms may be duplicated and stapled together.

Name: _____

Address: _____

(Street) (City) (State) (Zip)

E-mail: _____ Phone: _____ Cell Phone _____

Federation & Local Club Affiliation: Please check all that apply:

Local Club: _____

NFMS Officer: ___ Past President: ___ Director: ___ Delegate: ___

Judge: ___ Clerk: ___ Demonstrator: ___

Competitive Exhibitor: ___ Non-Competitive Exhibitor: ___

SHOW ADMISSION Children under 12 free, with paid adult

DAILY RATE x DAYS: Adult \$3.00 x ___ = \$ _____

CAMPING AT FAIRGROUNDS:

Dry Camping (in parking lot) DAILY RATE x DAYS: \$5.00 x ___ = \$ _____

Electric only (Equestrian or Arena areas) DAILY RATE x DAYS: \$10.00 x ___ = \$ _____

MEETINGS & MEALS:

Note: All food events require reservations. Please CHECK LINE if attending no cost events.

FRIDAY April 10, 2015

ALAA Information Meeting (Golden Spike Arena) 1:00pm no cost _____

NFMS Annual Meeting (Golden Spike Arena) 4:00pm no cost _____

SATURDAY April 11, 2015

Bulletin Aids Breakfast (Comfort Suites Hotel) 8:00am \$8.50 \$ _____


Officers, Committee Chairmen, Judges and Clerks, and Past Presidents Lunch
(Comfort Suites Hotel) (spouses and guests are also welcome) Noon \$13.00 \$ _____

Social Hour (Comfort Suites Hotel) 6:00pm – 7:00pm cash bar _____

Awards Banquet (Comfort Suites Hotel) 7:00pm - 9:30pm \$22.00 \$ _____

TOTAL AMOUNT DUE: \$ _____

Make check payable to: Golden Spike Gem and Mineral Society
(OK to combine payment on one check per family)



SWITCH IT.

**Save Time,
Save Money,
Save Trees**

You can switch over and receive this newsletter via e-mail.

You will get it earlier, it will save money and paper.

Ask your local editor or whoever keeps the membership list to switch it. Contact Brad Larson at nfms.webmaster@gmail.com.



Ore-Rock-On On DVD Version 5.3

Oregon, Washington, and Idaho Rock Dig Locations DVD for PC & MAC

A comprehensive guide for digging lapidary, mineral, and fossil materials

Includes ALL rockhounding sites in the NEW editions of Gem Trails of Washington & Oregon and Rockhounding Idaho

1094 USGS topo map & overview map images with digs clearly marked

A relief map of each state points you to maps or detailed info & photos

Waypoint files to upload to your GPS – Over 2,700 Waypoints!

36 detailed descriptions of dig sites that have GOOD material!

**\$41.70; Send Money Order only to Tim Fisher,
18403 S Clear Acres Drive, Oregon City OR 97045,
for full details see <http://OreRockOn.com/CD.htm>**

60TH ANNUAL River of Gems

PETRIFIED WOOD
THEME FOR 2015 SHOW

Admission \$2.00 Free Under 12 Years

Presented by:
Willamette Agate & Mineral Society, Inc.
A Non-Profit Educational Organization

| | | |
|---|--|---|
| FRIDAY APRIL 17 9 am – 6 pm | SATURDAY APRIL 18 10 am – 6 pm | SUNDAY APRIL 19 10 am – 4:30 pm |
|---|--|---|

Rocks, Gems, Jewelry, Fossils and Minerals from Around the World

Dealers, Exhibits, Creative Craft Demonstrations, Fluorescent Show, Silent Auction, Grab Bags, Door Prizes & Much More

KID'S CORNER
Games • Educational • Fun

Treasure Hunt
Saturday-1:00 pm (Kids under 12)
Join in the Fun for Thundereggs, Agates and Eggs Full of Surprises!

Sunday - 2:00 pm
ORAL AUCTION
In support of the Scholarship Fund

Tours for School Children on Friday www.wamsi.org

POLK COUNTY FAIRGROUNDS
Rickreall, Oregon • HWY 99 • 10 miles west of Salem

NFMS MEETING INFORMATION - APRIL 10-12, 2015

Clara & Del Walker, Committee Chairpersons, must receive the NFMS Credentials, **the NAMES (only)** of Club Directors and Delegates, as soon as possible (ASAP) for planning purposes of the meeting. The annual meeting will be held in Ogden, Utah, on Friday, April 10th, at 4 pm in the Golden Spike Events Center

The Credential forms below must be completed by the designated director/delegate, signed by the Club President and Secretary, and **BROUGHT BY THE DIRECTOR AND DELEGATE** to the annual meeting. Or, this should be done by the alternate delegate(s), if necessary. Send the name(s) (not the credentials forms) at least two weeks prior to the meeting to:

Clara & Del Walker
12377 SE Davis Loop
Prineville, OR 97754

Cell (preferred) 503-812-6540 or phone 541-447-7826 or email to cdwalker@q.com
(note email address is new.....and that is a "Q" not a "G")

NFMS DIRECTOR'S CREDENTIALS

Name of Director _____
Name of Club _____
City, State _____
Club President Signature _____
Club Secretary Signature _____
Date _____

Must be **completed** and **signed** to be seated with voting rights at the Northwest Federation of Mineralogical Societies Annual Meeting

NFMS DELEGATE'S CREDENTIALS

-
Name of Delegate _____
Name of Club _____
City, State _____
Club President Signature _____
Club Secretary Signature _____
Date _____

Must be **completed** and **signed** to be seated with voting rights at the Northwest Federation of Mineralogical Societies Annual Meeting

Umpqua Gem & Mineral Club
presents its 45th Annual Rock Show

River of Rocks

Saturday, May 2 – 9am to 5 pm
Sunday, May 3 – 10am to 4pm
Free Admission – donations appreciated
Food Concessions
Douglas County Fairgrounds
I-5 exit 123 * Roseburg, OR

DON'T MISS THE FUN!
Gem and Mineral Displays
Rock and Jewelry Dealers
Demonstrations
Door Prizes * every 1/2 hr.
Silent Auction * Raffle Prizes
FREE Kids' Activities
Rock Hunts: Sat: 11am – 2pm – 4pm
Sun: 1pm – 3pm
Rock Painting by Michael's

2015 - 19th Annual Show
Lakeside Gem & Mineral Club
"You Guys Rock!"



Saturday, April 18th – 10 am to 5 pm
Sunday, April 19th – 10 am to 4 pm

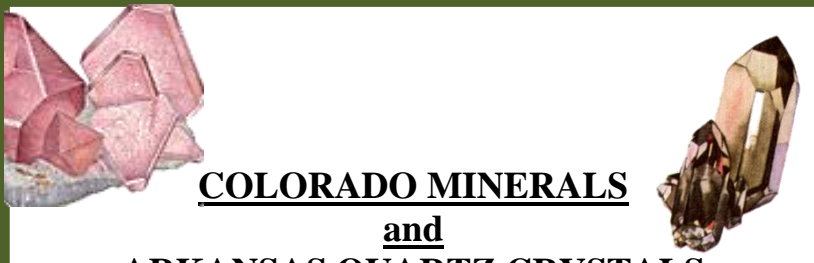
Benton County Fairgrounds
1500 South Oak Street, Kennewick, Washington

Features:

- 40+ collector's exhibits and demonstrations
- Fluorescent minerals display
- Gem, mineral, fossil, jewelry and tool dealers
- Tailgating – Sunday 7 am to noon
- Geode cracking, kid's corner, mystery rock bags
- Silent auction; many door prizes

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

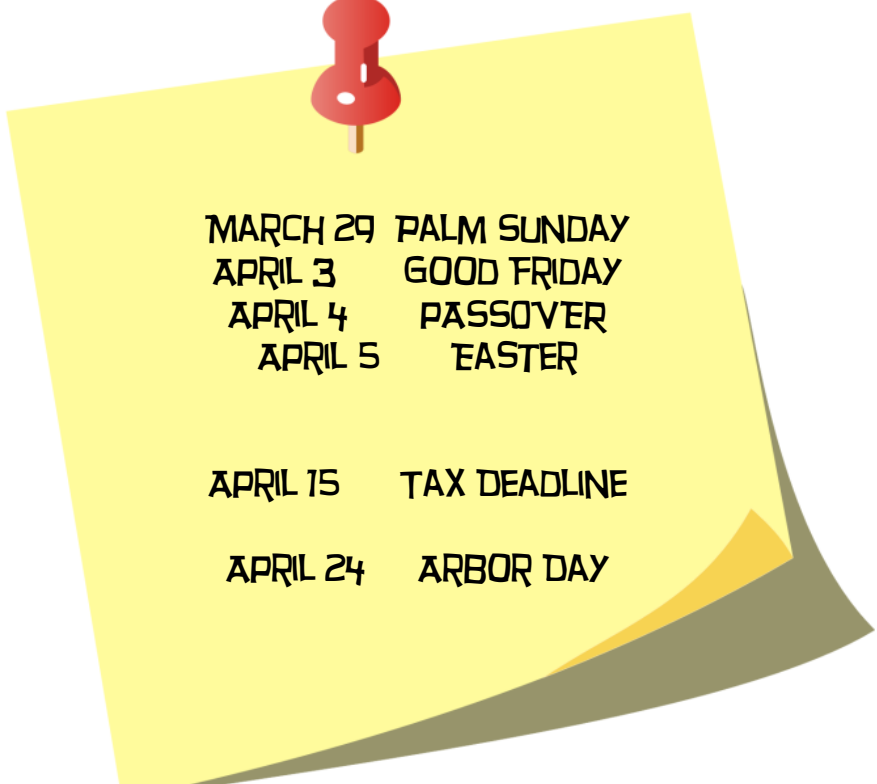
*Bring this flier to the show
for a dollar off the price of admission!*



COLORADO MINERALS
and
ARKANSAS QUARTZ CRYSTALS

New listings include: Copies of Geological Bulletin No. 114
"Minerals of Colorado, a 100-year Record" and No 973-E "Quartz Crystal Deposits of Western Arkansas".

E-mail deanyongue@yahoo.com or phone 208-437-0368 for details and complete listing of government prospecting publications in the Northwest and Alaska



MARCH 29 PALM SUNDAY
APRIL 3 GOOD FRIDAY
APRIL 4 PASSOVER
APRIL 5 EASTER

APRIL 15 TAX DEADLINE

APRIL 24 ARBOR DAY

ALAA REPORT, OBITUARY AND EDITOR'S ROCKPILE



ALAA Report

New Wilderness Areas in Montana and the Reason Why

A News Report from: Citizens for Balanced Use (summarized)

CBU has always been opposed to new wilderness and “land of no use,” and we will continue to fight for multiple-use recreation, active forest management, and responsible resource development on our current federally managed public lands.

The Defense Spending Bill was a must-pass piece of legislation and legislators attached their pork in order to pass some things they wanted. Senator Tester added his Forest Jobs and Recreation Act, setting aside another 650,000 acres of new wilderness in Montana.

CBU worked hard to have this added piece of legislation removed and in the end Congressman Daines succeeded. But in return for removing the FJRA, the Rocky Mountain Front Heritage Act was inserted. It adds approximately 67,000 acres to two wilderness areas and designates roughly 208,000 acres of adjacent federal land as Conservation Management Areas.

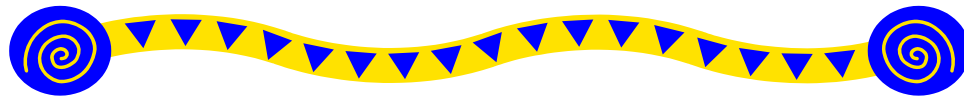
Are we happy? No. But it could have been worse.

CBU is very disappointed in how Congress jammed bills into a must-pass Defense Spending Bill. We are saddened for the people close to the Rocky Mountain Front because of the further restrictions and closures they received. The Rocky Mountain Front wilderness bill was opposed by local government, recreation, agriculture and resource groups. If we had more control over these lands, rather than the D.C. bureaucrats, these actions would not occur.

—Adapted from *ALAA Newsletter* (Oct.-Dec., 2014).

ALAA is the lobbying arm of the American Federation,

Working on behalf of rockhounds to keep public lands open and accessible to all, including the elderly and handicapped.

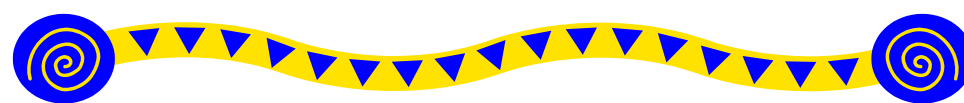


Some of you may know Del and Clara Walker (Credentials Chairs) and know that their daughter, Kim, was suffering from cancer. She lost that battle but is now in a much better place. Please keep her family in your prayers. The following is her obituary.

KIMBERLY ANN LEUTHOLD, born 8-8-1965, died 12-26-2014, at the age of 49. Daughter of Del & Clara Walker. Mother of Leanne Stewart age 31, Michael Leuthold age 25, Jessica Leuthold age 17, and Hannah Leuthold age 16. Grandmother of Nikolas Stewart and Alex Stewart.

Kim died in the comfort of her home with her loving family surrounding her after a long struggle fighting metastatic triple negative breast cancer. She loved the out of doors including fishing, hunting, and rock hounding. She also loved making jewelry with her mother from those wonderful polished rocks. She graduated from Oregon State University with a BS degree in Natural Resource Sciences and a minor in Geology. She was a member of Central Oregon Rock Collectors in Redmond, Oregon. For those of you who knew her, you know she was a strong woman (and often very opinionated). She will definitely be missed by all. Kim, may you rest in peace.

If you wish to make a donation in Kim's name, please do so to the NFMS Endowment Fund.



From the Editor's Rockpile By Beth Heesacker

It is almost OGDEN TIME !!!

I am so looking forward to this trip. This will be one of the first times with a field trip focusing on minerals! That does not mean that I am forsaking the lapidary rock but I have lately really been more focused on those wonderful crystal formations that God has created. The way the atoms hook up to form those odd shapes with the crazy names - that I can never remember - brings me back to my first scientific love back in high school of nuclear chemistry.

I was talking to my freshman granddaughter yesterday and asked her how she was doing in her high school classes, especially math and science. She is taking biology and is not very enthusiastic about it. Nor does she seem to be interested in taking physics or chemistry. She is going to take a class on environmental science. That should give her a little chemistry, I hope. The different focus in her generation makes a big difference in their interests.

I worked with my 1st grade granddaughter in math and reading while we were visiting yesterday and we did a little art work too. I noticed that her reading is based on phonics again as it was in my generation. She works very hard sounding out words and she does rather well.

I guess what I am trying to say is that we need to give our children and grandchildren good basics in reading, math and the sciences that will last them a lifetime. Be involved with their education and show real enthusiasm when they succeed. Give loving correction and support when they experience problems.

Some of you with sharp eyes might notice some differences in the last newsletter and again in this one. We had to change printers as I mentioned in the last Rockpile. We seem to be settling in and I am making minor changes in the formatting to take advantage of the change.

See you in Ogden!

NFMS MEMBERS' SHOW SCHEDULES

| | | | |
|---|--|---|---|
| March 27- 29 Fri 10-6, Sat 10-6 Sun 10-4 | Rock Rollers Club | Spokane County Fair & Expo, N.604 Havana at Broadway, Spokane WA | David Rapp 509 891 6533 showchair@rockrollers.org |
| March 28 - 29 Sat - 10 - 6 Sun - 10 - 5 | Mt. Baker Rock and Gem Club | Bloedel Donovan Com. Center, 2214 Electric Avenue, Bellingham WA | Tracy Jackson 360 366 0576 tracyljackson@comcast.net - www.mtbakerrockclub.org |
| March 28 - 29 Sat - 10 - 6 Sun - 10 - 5 | Sweet Home Rock and Mineral Society | Sweet Home High School Gym, 1641 Long Street Sweet Home OR | Joe Cota 541 451 2740 PO Box 2279 Lebanon OR 97355 |
| April 10 - 12 Fri - 9-6 Sat - 10 - 6 Sun - 10 - 4 | Golden Spike Gem and Mineral Society NFMS Annual Meeting | Golden Spike Event Center, Weber County Fairgrounds, 1000 N 1200 W, Ogden UT 88440 | Deborah Blake 385 205 9187 PO Box 12835 Ogden UT 84412 NFMS information: Evan Day 801 391 2912 eday@sisna.com |
| April 11-12 Sat - 10 - 6 Sun - 10 - 5 | South East Idaho Gem and Mineral Society | Bannock Co. Fairgnds. 10588 Fairground Dr. Pocatello ID 83201 | Larry Manhart 208 406 3990 luv2huntrocks@gmail.com |
| April 11 - 12 Sat- 10-6 Sun - 10-4 | Yakima Rock and Mineral Club | **New Location, Central Washington State Fair Grounds, Modern Living Building, 1301 S Fair Ave, Yakima WA 98901 | Marti Sondgeroth 509 248 6401 (evenings - leave message) marthams@q.com , 2013 South 41 st Avenue Yakima WA 98903 |
| April 17-19 Fri 9-6, Sat 10-6 Sun 10-4:30 | Willamette Agate and Mineral Society | Polk County Fairgrounds 520 S Pacific Hwy W Rickreall, OR 97371 | Etheleen Flippo 503-623-4247 reflippoo@hotmail.com |
| April 18 - 19 Sat - 10 - 5 Sun - 10 - 4 | Lakeside Gem and Mineral Club | Benton County Fairgrounds, 1500 South Oak, Kennewick WA | Mary Lou Omstead 509 783 2798 PO Box 6652 Kennewick WA 99336 |
| April 18 & 19 Sat - 10 - 6 Sun - 10 - 5 | Idaho Falls Gem and Mineral Society | Idaho Falls Recreation Center, B Street, Idaho Falls ID | Dave Gunderson 208 523 2355 or Tom Strong 337 384 6820 PO Box 2362 Idaho Falls ID 83403 |
| April 24 - 26 Fri 10 - 5, Sat 10 - 5 Sun - 10 - 4 | Mt. Hood Rock Club | Kliever Memorial NG Armory, 10000 NE 33 rd Dr., Portland OR 97221 | Contact: mhrshow@gmail.com |
| April 25 & 26 Sat - 10 - 5 Sun - 10 - 4 | Grays Harbor Gem and Geology Society | Grays Harbor County Fairgnds, 43 Elma-McCleary Road, Elma WA | Gary Emberley 624 Fairmont Place Aberdeen, WA 98520 360 533 6196 melissa624@hotmail.com |
| April 25 & 26 Sat - 10 - 5 Sun - 10 - 5 | West Seattle Rock Club | Alki Masonic Temple 4736 40 th Avenue SW Seattle WA | Leroy Christensen soundviewathome@comcast.net 206 582 2267 |
| May 2 & 3 Sat - 9-5 Sun - 10-4 | Umpqua Gem & Mineral Club | Douglas County Fairgrounds, I-5 Exit 123 Roseburg OR | Sue Woodman 541 391 3347 rocksandhorses3@gmail.com |
| May 2 & 3 Sat - 10-6 Sun - 10-5 | Everett Rock and Gem Club | Everett Comm. College, Student Fitness Ctr, 2206 Tower Street, Everett WA | Fritz Mack 425 232 0809 PO Box 1615 Everett WA 98206 |
| May 2 & 3 Sat - 10 - 5 Sun - 10 - 4 | Billings Gem and Mineral Club | Al Bedoo Shrine Aud., 1125 Broadwater Avenue Billings MT | Doug True dtruefossils12@yahoo.com 406 670 0506 |
| May 9 & 10 Sat - 10 - 6 Sun - 10 - 4 | Bozeman Gem and Mineral Club | Gallatin County Fairgnds. Building #1, 901 North Black, Bozeman MT | Jerry Hancock jaegers@bresnan.net PO Box 11001 Bozeman MT 59719 |
| May 16 & 17 Sat - 10 - 6 Sun - 10 - 5 | Bitterroot Gem and Mineral Society | Ravalli County Fairgnds. 100 Old Corvallis Road Hamilton MT | Steve Vieth 406 381 7597 viethsteve88@gmail.com |
| June 5 - 7 Fri 10-5, Sat 10-5 Sun 10-5 | Puyallup Valley Gem and Mineral Club | Swiss Park 9205 198th Avenue East Bonney Lake WA 98390 | Nancy LeMay bees2knees@att.net 253 952 6216, PVGMC, % Club Show, PO Box 134 Puyallup WA 98371, info@puyallupgemclub.org |
| June 6 & 7 Sat - 9 - 5 Sun - 10 - 4 | North Idaho Mineral Club | Kootenai County Frgrnds., 4056 North Government Way, Coeur d'Alene ID | Bev Bockman 208 773 5384 bockbb@aol.com |
| June 6 & 7 Sat - 10 - 6 Sun - 10 - 4:30 | Oregon Coast Agate Club | **Back at the Armory this year**, National Guard Armory, 541 SW Coast Hwy. Hwy 101 Newport OR | K. Myers 541 264 5908 George 541 991 0311, PO Box 293 Newport OR 97365 |
| June 13 & 14 Sat - 10 - 5 Sun - 10 - 5 | Butte Mineral and Gem Club | Butte Civic Center Annex 1340 Harrison Avenue Butte MT | Joe Slouber 406 494 3034 PO Box 4492 Butte MT 59702 |
| July 31 & Aug. 1-2 Fri & Sat - 10 - 5 Sun - 10 - 4 | Far West Lapidary & Gem Society | North Bend Community Center, 2222 Broadway North Bend OR | Don Innes 541 396 5722 doninnes.innes20@gmail.com |
| August 14 - 16 Fri & Sat - 10 - 9 Sun - 10 - 6 | Port Townsend Rock Club | Jefferson County Fairgnds., 4907 Landers St., Port Townsend WA | Garnett Brooks 360 379 5531 garnett@email.com |
| September 12 & 13 Sat - 10 - 5 Sun - 10 - 5 | Marcus Whitman Gem and Mineral Society | Walla Walla Frngds., Com. Cntr. Bldg., 363 Orchard St., Walla Walla WA | Jack Edwards 509 529 3673 jcedwards1475@yahoo.com |

NFMS MEMBERS' SHOW SCHEDULES (cont.)

| | | | |
|--|--|--|--|
| September 12 & 13 Sat – 9 – 6 Sun – 10 – 4 | Clallam County Gem and Mineral Association | Vern Burton Community Center, 308 East 4 th Street Port Angeles WA | Jennie Bourassa 360 681 0372 or Kathy Schriener 360 681 3811 PO Box 98 Sequim WA 98382 |
| September 19 & 20 Sat – 10 – 5 Sun – 10 – 4 | Southern WA Mineralogical Society | Castle Rock Fairgrounds 120 Fair Lane, Castle Rock WA | Diann Thurston 503 728 4274 spuds@clatskanie.com |
| October 9, 10, & 11 Fri – 10 – 6 Sat – 10 – 6 Sun – 10 – 5 | Portland Regional Gem & Mineral Show Association | Washington County Fair Complex 873 NE 34 th Avenue Hillsboro OR 97124 | L. Smith Portlandregional.DealerChair@gmail.com Portland Regional Gem and Mineral Show Association PO Box 5401 Portland OR 97228 |
| October 10 & 11 Sat – 10 – 5 Sun – 10 – 5 | Marysville Rock and Gem Club | Totem Middle School Café., 7 th Street and State Ave., Marysville WA | Brian Murril 425 346 9313 bmurril@aol.com |
| October 17 & 18 Sat – 10 – 6 Sun – 10 – 5 | Hells Canyon Gem Club | Nez Perce County Fair Building, 1229 Burrell Avenue, Lewiston ID | Dan Cease 509 254 1720 rockmangem@q.com Website: www.hellscanyongemclub.com |
| October 24 & 25 Sat – 9 - 6 Sun – 10 - 5 | Clackamette Mineral and Gem Club | Clackamas County Fairgrounds, 694 Ne. 4th Ave, Canby, OR 97013 | Beth Heesacker, heesacker@coho.net , 4145 NW Heesacker Rd., Forest Grove, OR 97116 |
| October 24 - 25 Sat – 10 – 6 Sun – 10 – 5 | Bellevue Rock Club | Vasa Park, 3560 West Lake Sammamish Blvd SE, Bellevue WA | Bruce Himko 425 957 1284 PO Box 1851 Bellevue WA 98009 |



These are the new DVDs that have just arrived from the AFMS for our library. I have numbered them and I am currently viewing them so I can be first to see them. Hope you check them out soon!

2013 AFMS Winners

DVD 45 AGATES UNDER THE MICROSCOPE approx. 30 min.
by Doug Moore (MWF) (2013 AFMS Winner)

Doug has come up with yet another way to look at and appreciate this sometimes under-appreciated variety of quartz. The micro patterns and colors are stunning! Suitable for any audience.

DVD 46 ARTHUR LAKES: DISCOVERING DINOSAURS - 60 min.
produced by Friends of Dinosaur Ridge (2013 Excellence in Education Winner)

Dramatization of how the small town preacher / naturalist - Arthur Lakes - discovered Dinosaur Ridge at Morrison CO, in 1877

2013 AFMS gifts

DVD 47 JEWEL IN THE DESERT - Kartchner Caverns State Park
producer: Friends of Kartchner Caverns State Park - 45 minutes

In 1974 two young men were exploring the hills near Benson Arizona. The extraordinary cave they found led to the creation of one of the most unique state parks in America - Kartchner Caverns, the Jewel of the Desert.

DVD 48 UNCOVERING FOSSILS -- 30 minutes
produced by Discovery School.

New fossils that change the way scientists think about the past are found regularly. For example an unusually small sauropod, a four winged flying dinosaur upends previous theories – including opinions about “feathers”. recent discoveries change paleontologists understanding of the past

DVD 49 CAVES - -- 42 minutes
Plane Earth Series – Discovery Education

Not the ordinary film about caves. Cave formations are mentioned but – cave ecology, chemistry, and the variety of inhabitants in both underwater and dry caves are included.

2014 AFMS Winners

DVD 50 GARNETS - AN OVERVIEW approx. 45 min.
by Carol Devine (NFMS) (2014 AFMS Winner)

How many varieties and colors of garnets are there? Where are they found? If you want to collect or buy garnets, how do you decide / learn their value? These are only a few of the questions answered by Carol.

DVD 51 HUNTING KENTUCKY AGATES approx. 25 minutes
by Susan & Jim Beck (MWF) (2014 AFMS Winner)

Would you recognize a Kentucky agate if you saw one on a dealer's table without a label? Would you like to collect some for yourself? Tag along on a trip to learn how they formed, where they are found, why they are coveted, etc. You'll be ready to go after seeing this!

DVD 52 CAN YOU DIG IT? - WHAT IS A FOSSIL 25 minutes

by Mei, Brandon & Douglas Poy (MWF) (2014 AFMS Winner)

Though produced for "Juniors", this program is neither simplistic nor juvenile. Mei and her brothers offer a fast paced introduction / review, that is illustrated with excellent graphics, their own illustrations and specimens.

AFMS gifts 2014

DVD 53 INTRO TO LOST WAX CASTING -- 45 minutes

Produced by Rio Grande

Starts with a brief history of casting, then how a model is “invested” in a special plaster; burned out and how molten metal is forced into the mold. Many tips and a section about problem solving is included.

DVD 54 EASY ELECTROFORMING FOR JEWELRY -- 40 minutes

Produced by Interweave

Eight projects demonstrating all the techniques used to take “found” and organic objects and create unique jewelry. Preparation, coating and finishing are included. Best for small group or individuals.

DVD 55 STONE ON STONE SETTING -- 50 minutes

Produced by Interweave

Step-by-step demos of drilling stone so they can be layered one on another; make bezels for ordinary or unusual, secure settings. Texture and use of varied metals is also explored with innovative jeweler, Michael Boyd. Best for small group or individuals.

DVD 56 BEZEL GEMSTONE SETTING (faceted gems) - 22 min

Produced by Robert R. Wooding (Unit 12 from Workshop Series)

Based on Mr. Wooding's “Diamond Setting Manual”, instructions are illustrated with close-up views of each step to create bezel settings for faceted gemstones. Alternatives ways to cut bearings, making the stone secure and options for finishing, etc. are included.

DVD 57 Eyewitness – ROCK & MINERAL -- 35 minutes

Produced by DK Publishing

Fast paced presentation shows how rocks change over time and record Earth's history. And how minerals have influenced civilizations from use of building materials to the cause of wars, and are essential for our way of life.

DVD 58 Eyewitness – VOLCANO -- 25 minutes

Produced by DK Publishing

Although we think volcanoes bring about total destruction, quite the opposite is the end result. Within a few years, new life is abundant in fertile soil. Igneous rocks provide possibilities for mining for metals, minerals and gems that form in the longer term.

Your club can check these DVD's out by contacting me at darrell848@aol.com or mailing a request form, found in your NFMS Directory, to Darrell Watkins P.O. Box 635, Tieton WA 98947