

Grindings

Idaho Gem Club, Inc.

P.O. Box 8443  Boise, Idaho 83707-2443

VOL 77 NO 5

May 2017

President's Message

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Club Website

www.idahogemclub.com

May flowers are springing up everywhere and there is a field trip in the air. We will be going to our Graveyard Point claim on **May 20th**. The destinations and dates for the year's remaining field trips are available on page 3. The program for this month will be given by Brent Stewart and Cullen Anderson. "Field Trips 101" will provide information about what you need to have along for field trips.

I have several kudos this month. I would like to thank Marge Conley for the shark teeth she brought for the juniors. There were 5 or 6 different varieties of shark represented. I would also like to thank Tina Frederick for ordering some new shirts for the building fund. They will be available for sale at this month's meeting. Lastly, I would like to thank our NFMS representative, Linda Barlow, for her activism on our behalf at last month's Town Hall meeting. Rep. Labrador wasn't really clear on the exclusion of the "recreational rockhounding" in the sage grouse areas. It is hoped that he can get our hobby off of the list of activities that will be restricted. Linda has been a great voice for rockhounding and her question was the only one that actually brought everyone together. More information is available on page 3.

The Board also discussed offering wire wrapping as classes for those interested. Marge has spent some workshops with no interested people to teach. A class setup will insure that her valuable time is spent wisely. Please contact the workshop chairperson, Brent Stewart, or any board member if you are interested in wire wrapping and we can coordinate a class with Marge.

We have a change in the Board members this month. Unfortunately, Jonathan Barnett is unable to fulfill his duties on the Board at this time. I will appoint a replacement soon and will let everyone know.

We have had a request from a young man in Pennsylvania. He is requesting some mineral samples of things we collect in this area for a school-wide display the Earth Science class is creating. I have several things from my collection to send and Brent has offered some garnet samples. There will be a box on the front table at the next meeting for any donations that you would like to give. Thank you in advance.

Respectfully submitted, Dana Robinson, President

MINUTES OF THE IDAHO GEM CLUB GENERAL MEETING APRIL 18TH, 2017

Minutes not available at time of printing.

SUNSHINE LADY REPORT

Please let me know if you are aware of any of our members having surgery, an illness, or just in need of cheer. We all can use some good cheer! We try and keep in touch with all our members, and I apologize if we have overlooked any member who has lost a loved one. Please let us know if we can help in any way. Contact Deana Ashton at 208-794-5628 or any Idaho Gem Club Board Member/officer.

IF YOU WOULD LIKE TO ATTEND ANY GEM CLUB FUNCTIONS BUT ARE UNABLE TO DRIVE, CALL ME! WE WILL DO OUR BEST TO GET YOU THERE!

Deana- 208-794-5628

SUNSHINE LADY REPORT:

This month we sent some cheer to Kitty Bryner.

We ask for you to keep Tina Frederick in your positive thoughts.

Sadly, our club has lost a lifetime IGC member. The family of Jeanne Gilbertson informed us that she passed away recently. Jeanne was active in club activities and her presence will be missed. I sent her family an heirloom rose bush to plant and be reminded of Jeannie. Lifetime member Shirley McCreath needs our thoughts and prayers as she recovers from a fall.

If you know of any members in need of cheer or to request flowers be sent, and to inform us of illnesses and those who have passed on, please contact Deana Ashton at [208-794-5628](tel:208-794-5628).

MINUTES OF THE IDAHO GEM CLUB BOARD Meeting MAY 2ND, 2017

Minutes not available at time of printing.

IGC Federation Director Report @ Board Meeting, May 2, 2017

NFMS Annual Meeting will be May 19-21 @ Hamilton, Montana. There will be amendments and operating procedure changes presented and discussed to the Federation Directors and delegates for clubs to consider and respond by the Endowment Fund Committee. See NFMS news for recap of items.

There will be a Silent Auction at the NFMS show and they have asked each of the clubs to donate a bucket or two of material.

The Junior Advisors are to meet @ Hamilton, MT n Sunday May 21, 2017 at 10am in Floral Building to discuss the Junior Badge Program to promote rockhounding among our youth with ideas presented for successful and failed meetings.

First NFMS VP has warned the clubs about M44 Cyanide Bombs. See attached article under NFMS NEWS. Second NFMS VP, Ronna Watkins has been undergoing Chemotherapy for Cancer. She will be at Hamilton, MT. and we wish her success with this illness & treatment.

NFMS Rockhound Retreat will be 9/4-10/17 @ Hancock Field Station west of Fossil. Oregon. It will cost \$282 for food and lodging with workshops. Encouraged to get in applications as spaces fill up quickly.

Welcome New Members

ADULTS:

- Rick & Sherri Farnes, Boise
- Richard & Liane Vick, Kuna
- Charlie & Karen Melichar, Boise
- Michael & Lori, McLaughlin, Jordan Valley, Or

JUNIOR RATTLES:

- Tucker & Cass Briggs, Boise
- Deser, Rowan, & Paritosh Rose, Kuna

NOTICES

Applications are now open for the 2017 Idaho Gem Club Scholarship, which provides \$500 to a Treasure Valley post-secondary Earth science student. The application can be downloaded from the club website. If you know of any eligible and deserving students who will be actively enrolled during the 2017-2018 academic year (or are one yourself) please encourage them to apply. Applications are due **September 30, 2017**.

Report by Linda Barlow, Grindings Editor, ALAA member, IGC Federation Director to NFMS, NFMS Historian to promoting saving Rockhounding hunting grounds in Idaho.

I recently attended the Town Hall Meeting held by Raul Labrador in Meridian, Idaho. I did get to report our concerns as Recreational Rockhounds regarding BLM's actions concerning loss of hunting grounds d/t restrictions using hand tools. It did get the attention of the Idaho Statesman calling my concerns discussed as a stray query! Several of our board members saw this presentation, either in person or on TV, and so commented at our board meeting.

Rep. Labrador requested his staff to contact me. I discussed our concerns with Brad Griff. He reiterated what Jim Bosley, NFMS President, wrote in our April 2017 NFMS Newsletter. Rep. Labrador has co-sponsored H.R.527 bill of 115th Congress (2017-18) with Rob Bishop of Utah (Greater Sage Grouse Protection & Recovery Act of 2017). This bill:

Allows the conservation and preservation plans from states like Idaho to take effect.

It prohibits the Fish & Wildlife Service from listing the sage grouse as an endangered or threatened species until 2027 after collecting data & allowing the states plans to be in effect for 10 years. The Dept. of Interior may not alter or invalidate the finding.

It also invalidates the mineral withdrawals provided that the State gives notifications that they will implement their own conservation and management plan. Specifically, it prohibits the USDA & DOI from amending any federal resource management plans that affect the greater sage grouse.

Rep. Labrador feels that Idaho has more tools to recover the bird & will be more effective in implementing its conservation plan than the federal government. The State will also be more respectful to the multiple-use mission on federal lands.

There is also a similar bill before the Senate: S.273. I suggest you keep in contact with members of Congress, both representatives and senators promoting both of these bills.

IDAHO GEM CLUB PROGRAM SCHEDULE

JUNIOR RATTTLERS:

**REMEMBER TO BRING
YOUR FOLDERS**



May 16, 2017:

FIELD TRIPS-ROCKHOUNDING BASICS

Learn what to bring and expect for field trip outings. Brent Stewart will discuss tools useful on field trips, rock hammers, chisels, screens, etc. Plus safety and first aid reminders. Rockhounding ethics and laws.

We also will learn the basic differences between agates/jaspers, other common materials we find on our Gem Club field trips.

Idaho Gem Club Member Field Trips

May 20, Saturday:

GRAVEYARD POINT

9:00 am: MEET

at the Gem Stop 55/95 highway junction, just out of Marsing.

9:30 am: LEAVE

BRING: gloves, hat, shovel, pick, and bucket. You will also need a lunch, water and sunscreen.



June 10th and 11th: BEACON HILL

9:00 am: MEET at the I-84 Rest Stop in Ontario, just after you cross the Snake River.

9:30am: LEAVE

BRING: all your equipment/gloves/hat/lunch/sunscreen/water just like the last field trip.

June 24th, Saturday: Leaf Fossils and Bogg Wood

9:00am: MEET at the Gem Stop 55/95 highway junction, just out of Marsing.

9:30am: LEAVE

BRING: all your equipment/gloves/hat/lunch/sunscreen/water.

July: Date? Stay tuned...TEXAS SPRINGS for Pink Wood

August: Date? Stay tuned...EMERALD CREEK for Star Garnets

October: ???

Application *Earth Science Scholarship* *Awarded by the Idaho Gem Club, Inc.*

Description: The Idaho Gem Club, Inc., a 501c3 non-profit organization devoted to promoting “the interests of its members in mineralogy, geology, gemology, the art of lapidary and kindred arts and sciences” is offering a \$500 scholarship for to help defray the educational costs for a local undergraduate Earth science student (see eligibility criteria below).

Eligibility: Applicants must be a full time, undergraduate student majoring or minoring in Earth science (including geology, geophysics, and earth science education) at a two- or four year college or university in the Treasure Valley region of Idaho during the 2016-2017 school year. Although not required, preference may be given to Idaho residents.

Terms of acceptance: The funds provided through this scholarship are to be used solely for the purpose of meeting the costs of undergraduate education, including tuition, books or materials, or field camp fees. Awardees are requested to visit a general meeting of the Idaho Gem Club, Inc. to give a short 15-20 minute presentation on an Earth science topic of general interest to our members.

Instructions: Please fill out in full the two page application form on the following pages. Note that as part of the application, a 1-2 page essay is required in addition to the information requested in the application. Applicants must have their application endorsed (via signature) by an Earth science faculty member at the institution they are attending during the 2017-2018 academic year. Completed applications should be **received by September 30, 2017** either by email (pneuhoff@yahoo.com) or at the following address:

Scholarship chair person
Idaho Gem Club Inc.
P.O. Box 8443
Boise, Idaho 83707- 8443



IDAHO GEM CLUB, INC.

FREE APPLICATION FOR EARTH SCIENCE SCHOLARSHIP



The Idaho Gem Club Inc. is offering a \$500 scholarship for any full time college or university student majoring in Geology, Geophysics, or Earth Science Education.

Applications must be filled out and either emailed (pneuhoff@yahoo.com) or returned to:

Scholarship chair person
Idaho Gem Club Inc.
P.O. Box 8443
Boise, Idaho 83707- 8443

before September 30, 2017 to be eligible for the scholarship. Scholarship forms can be obtained in the Geology department or Financial Aid offices or on the web at <http://www.idahogemclub.com>

{Please type or print legibly; asterisk (*) indicates required information}

PERSONAL DATA

Name*:

Address*:

Email: _____

Local Phone*: _____

Are you a resident of Idaho*? _____

Have you ever been a member of a gem or mineral club*? _____

If yes give name and location*:

College or University Attending*:

Class Level (e.g., Sophomore, Junior, etc.) in 2016-2017*: _____

Major(s) and Minor(s)*: _____

Department(s)*: _____

Current G.P.A.*: _____

Name and department of Faculty member sponsoring application*:

APPLICATION ESSAY*:

The Idaho Gem Club, Inc was formed for purposes that included promoting “the interests of its members in mineralogy, geology, gemology, the art of lapidary and kindred arts and sciences.” Please write a 1-2 page essay describing your career goals, and how it will benefit the public good through application of your education in earth science to education, natural resource development and stewardship, hazard evaluation, or similar pursuits as a professional.

Note to applicants:

The scholarship will be awarded at one of the Club’s regular monthly meetings, held on the third Tuesday of each month. We are asking the recipient to present a short program (relating to earth science) at a meeting. Would you be willing to do this*? ____

SIGNATURE

By signing this application, you certify that the above is true and correct. Also, you certify that you will use Idaho Gem Club Inc. Scholarship funds only for the purpose of defraying the cost of attending an institution of higher education (i.e., tuition, books, etc.)

Student Signature*: _____ Date*: _____

I know the above student and certify that they are an earth science student in good standing and endorse their application.

Signature of faculty sponsor*: _____ Date*: _____

AFMS NEWS

COMPETITIVE EXHIBITS CFMS-AFMS Show & Convention “Ventura Rocks the Nation” June 9th, 10th, 11th, 2017

by Jennifer Haley, CFMS Rules Committee

It is show time, and we would like to extend a special invitation to all of you who are traveling from out of state to attend the show and convention, to be a competitive exhibitor. We are extending the deadline for Competitive Exhibit entries to May 15th. The “Ventura Rocks the Nation” is a particularly special show for our federation, because as the CFMS we only have an opportunity to celebrate a joint CFMS-AFMS Show & Convention every seven years. Visit the show website for the entry forms, and important information regarding electrical cords, lighting, set up times, etc. If you don’t have your own display case, you will be able to rent one for \$10. We look forward to seeing you at the show!

AFMS Show News!

**June 9-12, 2017
Ventura, California**



Longwave UV LED Flashlights and Fluorescent Minerals by Philip S. Neuhoﬀ, Ph.D.

Last month I gave a presentation about an exciting new development in UV light sources that is making waves throughout the fluorescent mineral community. As I mentioned, traditional UV light sources are based on mercury tube technology. For shortwave mineral enthusiasts, this remains the only viable option as shortwave LED technology is not well-developed and is far more expensive than mercury tubes. While far more minerals are known to fluoresce under shortwave UV than under midwave and longwave, the costs of quality shortwave lights, the short lifespan on the filters (I suspect that most of the club lights have severely solarized filters; the ones I have used have very low UV emission given the wattage of the bulbs), and the dangers of shortwave (and midwave) UV light require careful attention to safety. Longwave UV on the other hand can be generated much more cheaply, with filters costing a fraction of those required for shortwave lights (or even Jerry-rigged if need be) and being far less susceptible to solarization. It has the added bonus of not being particularly dangerous. New advances in LED technology have dramatically advanced longwave fluorescent mineral collecting.

To understand the options for UV lighting, it is necessary to understand the wavelengths emitted by different types of lights. Shortwave lights (which fall within the range of UV light known as UVC) traditionally have peak emission at 254 nm. The excitation of mercury in the tube gives off other wavelengths as well, including visible light (lots of it), thus the need for filters that transmit the UV wavelengths of interest while filtering out most of the visible light. Midwave lights (within the range of UVB radiation) traditionally have a peak emission at 312 nm. Longwave UV lights have traditionally emitted radiation peaking at 350 nm, though more recently this value has migrated to the 360-270 nm range for mercury tubes (both midwave and longwave lights traditionally are constructed of the same mercury tubes as shortwave lights, but have phosphors coating the inside of the tube that themselves fluoresce in UV). Traditional blacklights (think listening to Pink Floyd in your dorm room) are low quality longwave tubes that have filtering on the outside. In the last 15 years or so, a number of LED's have come to market that are sold as blacklights. Initially these were actually largely violet LED's with emissions that continued down into the longest wavelengths of UV (probably peak emission at 390-405 nm). As I demonstrated, even visible light, particularly violet light, can cause fluorescence, and these lights do a decent job of exciting atoms like Cr in rubies. They would be much better if they were filtered. I have found lightbulbs at big box hardware stores recently that are sold as blacklight LED's...they are very bright and do put out longwave UV light of great intensity. If one rigged up a filter on these lights, they could be easily used for display cases. None of these technologies can hold a candle to the flashlight I demonstrated.

The new true LED longwave 365 nm flashlight that has just come to market is called the Convoy S2+. It contains one Nichia NCSU033B 365nm LED. This particular brand of longwave LED has acquired a huge following for its quality and output. I think that was on ample display under the bright lights at the meeting. There is copious discussion of this flashlight at the website www.naturesrainbows.com (there is a link to the discussion on the home page of this website). At the end of the discussion are a series of links to verified vendors of both this flashlight and the filters that need to be installed. A word of warning...this flashlight runs off an odd rechargeable only battery that I was only able to find at Batteries Plus Bulbs on Cole (though I think a vape shop may carry them). I highly recommend visiting this webpage and reading all of the great information on it about fluorescent minerals, UV lights, and related topics. It is truly a labor of love.

A few other websites worth visiting:

Fluorescent Mineral Society on Facebook

www.minershop.com (a commercial site, but with lots of great info as well, including DIY UV light projects)

NFMS NEWS

Save Stamps For Cancer Research

Cut at least 1/4 inch margin around the stamps. You can turn them into Linda Barlow, NFMS Federation Director, at our next meeting. **THANK YOU!**



Two links for additional newsletters we receive as members of the rock club.

NFMS—Newsletter available at:

<http://www.amfed.org/nfms/newsletters.asp>

AFMS—Newsletter available at:

<http://amfed.org/news/default.htm>

NFMS SHOW

Hosted by Bitterroot Gem & Mineral Society

First Interstate Center

Ravalli Fairgrounds

Hamilton, Montana

Speakers:

- Dave Trexler, Palenontologist, Two Medicine Center
- George Stanley Jr., Professor of Geoscience & Director of Paleontology Center at U of M
- Ted Antonioli, Consulting Geologist, Member of Montana Mining Association
- Bruce Baty, Talk on Glacial Lake Missoula

Lee Filliman, Fossils & Petrified Trees of Yellowstone

Endowment Fund Committee Meeting

Friday, May 19th 11:00 am

The Northwest Federation of Mineralogical Societies Endowment Fund Committee will be discussing some possible amendments and changes to its Operating Procedures at the Annual Meeting in Hamilton. Before these proposals are finalized for a vote by the delegates, the committee seeks input from member societies and will be holding an open meeting where delegates can help formalize the propose changes.

This open committee meeting will be held at the Townhouse Inn, in Hamilton starting at 11:00 am on Friday, May 19th. *(Note...This is not the same hotel where the annual meeting will be held.)*

Items to discuss include:

Should we modifying the definition of unrestricted funds (these are the funds available to expend annually) to allow the funds to be accumulated over multiple years before expenditure.

Raising the minimum balance maintained in the Restricted Fund account. (These are the funds that make up the permanent endowment fund which generates the income that can be expended annually.)

Determine how much we want to spend annually from the endowment fund.

Restrictions on use of endowment fund monies.

Procedures for soliciting and awarding grants funded through the endowment fund including criteria to use when prioritizing requests for use of endowment fund monies.

May 19 - 21 2017 NFMS Show Fri, Sat – 10 – 6 Sun – 10 – 4,
Bitterroot Gem and Mineral Society, First Interstate Center
Ravalli County Fairgrounds 100 Old Corvallis Road ,
Hamilton MT, Steve Vieth, 406 381 7597
viethsteve88@gmail.com

Montana



NFMS NEWS



When the trap is set, only the capsule holder and capsule protrude above ground level.



M44
An exploded cyanide trap

Keith Fackrell 1st Vice President

(Some of the following information is taken from an article on KSL.com by Amy Joi O'Donoghue, March 26, 2017)

Safety tips for people to follow are talked about, discussed and even published. Some people are trained to take care of most dangers that are encountered while hiking, camping and, yes, even rock hunting. One danger that I have never seen on a list of safety tips out there is, . . . "In some areas where Rock Hounds are, is a "cyanide bomb", which is EXTREMELY LETHAL! .

The name of these bombs is M-44, which has been used for predator control on small animals (Sheep). M44's have been used for many years, since about the 1930's and 1940's. These devices are placed on the land by Wild Life Services, a branch of the Federal Government. The bottom line . . . become familiar with, and know what the M-44 device looks like. Instruct your family and friends to LEAVE THEM UNDISTURBED! DO NOT touch them - and, keep your dog and children away from them! When the M-44 Device is in place, there is supposed to be a Community Notification and their location should be CLEARLY MARKED, (not always done!) The M-44 Device is used in about 16 States around the country, mostly in the west. The use of these devices apparently varies from state to state. Be sure to check out what this lethal device looks like. Go to Goggle on your computer and type in "What does a cyanide bomb look like?". This site will also show different types of cyanide bombs. If you encounter one treat it like a live bomb! That is exactly what it is! Be safe in all you do!

THE GRINDINGS

is the monthly newsletter of the Idaho Gem Club, Inc., associated with the Northwest Federation of Mineralogical Societies. Permission to copy is freely granted when proper credit is given to both the publication and the author. Articles without bylines are written by the

Editor or President.

CHECK OUT THE CLUB WEBSITE!



Junior Advisors to Meet at Hamilton, MT

Sunday, May 21, 2017 10:00 AM, Floral Building

The Junior Badge Program, sponsored by the American Federation, is helping our clubs to grow in membership. The program takes us, and the families, back to the basics of rockhounding. How do we start a Junior Club? Cost of membership and badges? How is the badge program used?

For those that are already using the badge program it would be great to share your ideas on successful meetings ... and any that failed ... and why. How do we keep Juniors involved? Bring your questions and share your ideas.

Looking forward to seeing you ... rockhounding is a family event and everyone is encouraged to attend.

NFMS CLUBS SHOW SCHEDULE

May 13 & 14 Sat – 10 – 5 Sun – 10 – 4
 Hatrockhounds Gem and Mineral Society
 Hermiston Conference Center, 415 Highway 395 South, Hermiston OR Mike Filarski, 541 571 2593 tonemorlin1@netscape.net

May 13 & 14 Sat – 10 – 5 Sun – 10 – 4
 Bozeman Gem and Mineral Club Gallatin County Fairgrounds Building #1, 901 North Black Bozeman MT
 Jerry Hancock jaegers@bresnan.net
 PO Box 11001 Bozeman MT 59719

May 19 - 21 2017 NFMS Show Fri, Sat – 10 – 6 Sun – 10 – 4
 Bitterroot Gem and Mineral Society
 First Interstate Center Ravalli County Fairgrounds
 100 Old Corvallis Road Hamilton MT
 Steve Vieth, 406 381 7597 viethsteve88@gmail.com

May 27 & 28 Sat – 10 – 6 Sun – 10 – 4:30
 Oregon Coast Agate Club National Guard Armory, 541 SW Coast Hwy, Hwy 101 Newport OR 97365
 George Mazeika 541 991 0311 georgemaze58@gmail.com, PO Box 818, Yachats OR 97498 Website: www.coastagates.org

June 2, 3, & 4 Fri – 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 253-985-5784 PVGMC, % Club Show PO Box 134, Puyallup WA 98371 info@puyallupgemclub.org

June 3 & 4 Sat – 9 – 5 Sun – 10 – 4
 North Idaho Mineral Club Kootenai County Frngds. 4056 North Government Way, Coeur d'Alene ID
 Dean Hutchinson 208 664 2712 daleruperd@gmail.com PO Box 1643 Hayden ID 83835

June 10 & 11 Sat – 10 – 5 Sun – 10 – 5
 Butte Mineral and Gem Club Butte Civic Center Annex 1340 Harrison Avenue Butte MT
 Pete Knudsen 406 496 4395 PO Box 4492 Butte MT 59702

June 16, 17, & 18 Fri – Sat – 10 – 5 Sun – 10 – 4
 Lower Umpqua Gem & Lapidary Society
 Reedsport Community Building 451 Winchester Avenue Reedsport OR
 Bill Hendrickson 541 271 6816 irlindabarr@hotmail.com Website: ReedsportRockandGemShow.com

July 15 & 16 Sat – 10 – 5 Sun – 10 – 5
 Darrington Rock and Gem Club Mansford Grange 1265 Railroad Avenue Darrington, WA
 Ed Lehman, wsmced@hotmail.com 425 334 6282 (cell 425 760 2786) or Angela Moore angela51726@gmail.com 360 436 2107

July 21, 22, & 23 Fri – 9 – 6 Sat – 9 – 6 Sun – 9 – 5
 Washington Agate and Mineral Society of Olympia and Tenino Rock Cruisers
 Parkside Elementary School 301 Central Avenue E Tenino WA 98589
 Daniel De Boer keylock1@live.com 5107 Brenner Road NW Olympia WA 98502 https://wamsolympia.wordpress.com

August 12 & 13, Sat – 9 – 5 Sun – 10 – 5
 Maplewood Rock and Gem Club Maplewood Rock and Gem Club-house, 8802 196th ST SW, Edmonds WA
 Mary Ann Collins 206 714 3922 collma1@comcast.net

September 9 & 10 Sat – 9 – 5 Sun – 10 – 4
 Clallam County Gem and Mineral Association
 Vern Burton Community Center, 308 East 4th Street Port Angeles WA
 Kathy Schreiner 360 681 3811 or Kathy Bachman 360 681 3994 PO Box 98 Sequim WA 98382

September 9 & 10 Sat - 10 – 5 Sun – 10 – 5
 Marcus Whitman Gem and Mineral Society
 Walla Walla County Frgrnds, Community Center Building 363 Orchard St., Walla Walla WA
 Keith Bacus, 509 529 1248 keithbacus@yahoo.com

October 7 & 8 Sat – 10 – 5 Sun – 10 – 5
 Marysville Rock and Gem Club Totem Middle School Gym 7th Street and State Avenue Marysville WA
 Bill Moser bill-jj@comcast.net 425 238 8222 http://sites.google.com/sit/marysvillerockngemclub

October 13, 14, & 15 Fri – Sat – 10 – 6 Sun – 10 – 5
 Portland Regional Gem & Mineral Show Association
 Washington County Fair Complex 873 NE 34th Avenue Hillsboro OR 97124
 Linda Harvey lindaharvey2010@gmail.com Portland Regional Gem and Mineral Show Association PO Box 5401 Portland OR 97228

October 28 - 29 Sat – 9 – 6 Sun – 10 – 5
 Clackamette Mineral and Gem Club
 Clackamas County Fairgrounds, 694 NE 4th Ave, Canby, OR
 Beth Heesacker, heesacker@coho.net, 4145 NW Heesacker Rd., Forest Grove, OR 97116

October 28 & 29 Sat – 10 – 6 Sun – 10 – 5
 Bellevue Rock Club Vasa Park, 3560 West Lake Sammamish PKWY SE Bellevue WA 98008
 Bruce Himko PO Box 1851 Bellevue, WA 98009 belle-vuerockclub@comcast.net

November 11 & 12 Sat – 9 – 5 Sun – 10 – 5
 Maplewood Rock and Gem Club Maplewood Rock and Gem Club-house, 8802 196th ST SW, Edmonds WA
 Mary Ann Collins 206 714 3922 collma1@comcast.net
 December 9 & 10 Sat – 9 – 5 Sun – 10 – 5

Maplewood Rock and Gem Club Maplewood Rock and Gem Club-house, 8802 196th ST SW, Edmonds WA
 Mary Ann Collins 206 714 3922 collma1@comcast.net



Bench Tips

See all Brad's jewelry books at
[Amazon.com/author/bradfordsmith](https://www.amazon.com/author/bradfordsmith)
www.BradSmithJewelry.com



CUTOFF WHEELS

Cutoff wheels are inexpensive and do a great job cutting or shaping steel. You can use them to sharpen tool points, cut piano wire to length, make slots, and sharpen worn drills. Other uses include modifying pliers and making your own design stamps.



My preference is the one inch diameter size. Be sure to hold the wheel firmly so nothing moves to break the disk, and definitely wear your safety glasses. Those are little flakes of steel coming off the disk.



BTW - Cutoff wheels are poor at soft metals like copper, silver and gold. Soft metals clog up the cutting edges.

DEBURRING JUMP RINGS

When cutting jump rings from large gauge wire for chainmaking, you'll notice the saw leaves a small burr. An easy way to remove these is to tumble the rings with some fine-cut pyramids. It's best not to tumble for a long period with the pyramids because it will remove the polished finish from the wire.

No tumbler, no problem. You don't actually need a tumbler. I just put a handful of pyramids in a wide mouth plastic jar and shake for a bit. You can find these pyramids in the tumble finishing section of most jewelry supply catalogs.



"I've changed my mind, Edgar
 go ahead and buy the facet cutter!"

by Bill Mittlebeeler via Dust & Grit 2/00
 via Golden Spike News 4/00



MAY	JUNE
05/01 Suzanne McNeil	06/01 Jodie Harrison
05/08 Ben Ferro	06/02 Michael McLaughlin
05/10 Fralina Leatham	06/08 Beverly Hopkins
05/11 Carolyn Fritschle	06/10 Tina Frederick
05/13 Tim Justice	06/13 Bruce Budge
05/15 Vanessa Bailey	06/15 Sarah Neuhoft
05/15 Rick Corbett	06/16 Chris Blickfeldt
05/18 Gerri Goertzen	06/17 Cullen Anderson
05/19 Twila Gallaher	06/17 Sandy Blodgett
05/22 Janice Edger	06/21 Christina Jenkins
05/23 Max Ferro	06/21 Cheryl Peterson
05/25 Mike Edger	06/26 Ranaye Marsh
05/25 Chris McGuire	
05/27 Joan Dethiefs	

FACETED: EMERALD
CABOCHON:
CHRYSOPHASE

FACETED:
ALEXANDRITE
CABOCHON:
MOONSTONE
TRADITIONAL: PEARL



REFRESHMENT COMMITTEE GUIDELINES

We encourage member participation in bringing cookies snacks and beverages to share during break at general meetings. Total provision among members assigned to bring refreshments is for 8 dozen cookies or snacks and drinks/juice. That can be veggie trays, breads, any other treats.

We ask for 10 adult and 10 youth door prizes which are wrapped in a bag. Usually minerals or rocks or slabs. Club provides coffee service and paper plates napkins and cups. The basic duties of refreshment committee includes chair set up, cleanup and take down. Please come early and remain late to assist with these.

Please contact **Deana Ashton, 208-794-5628**, and let her know if and what you will be bringing for the current month so she can coordinate and be sure enough is provided for snack, beverage, and **door prizes**. Some could bring food, some could bring beverages, some could bring door prizes. Thanks for your participation.

Members whose last name begins with letter listed below, are asked to bring after meeting snacks and door prizes for the month indicated.

JANUARY-----BANQUET
FEBRUARY-----A-D
MARCH-----E-K
APRIL-----L-R
MAY-----S-Z
JUNE-----A-D
JULY-----PICNIC: A-K*
AUGUST-----PICNIC: L-Z*
SEPTEMBER-----E-K
OCTOBER-----L-R
NOVEMBER-----S-Z
DECEMBER---HOLIDAY COOKIES BY ALL

The purpose of the Idaho Gem Club is to promote mutual, educational and scientific interests and benefits of its members in mineralogy, geology, gemology, the art of lapidary and kindred arts and sciences.

Dues:

\$22.00 per person
\$25.00 per couple
\$28.00 per family

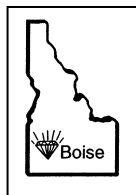
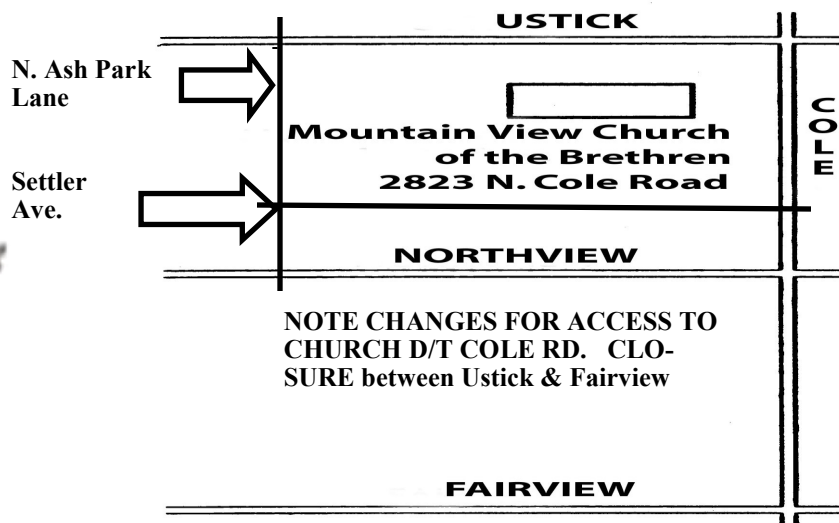
Subscription:

\$10 per year



GENERAL MEETING
3rd. Tuesday of every month

BOARD MEETING:
1st. Tuesday of every month
Church of the Brethren
2823 N. Cole Road, Boise, Idaho



P.O. Box 8443

Boise, Idaho 83707-2443