



Lake City Rockhound News

Newsletter of the North Idaho Mineral Club, Inc.
P.O. Box 1643 Hayden, ID 83835

November, 2017
Volume 16, No. 11

We meet on the 3rd Thursday of the month at the Lake City Center, 1916 Lakewood Drive, Coeur d'Alene in the Library, from 6:00PM to 8:00 PM. Visitors and Guests are Welcome.
Our web site: <http://www.northidahomineralclub.com>

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This Month's Meeting

Regular Meeting – November 16, 2017

The Meeting Program:

Outdoor Idaho: Rockhounds

Elections for new officers will be held at this meeting.

Refreshments: Beverly Bockman and Dale Rupert

There will be a silent auction and scholarship raffle tickets will be sold.

Buy your tickets today.

Meeting Minutes for October 2017

Meeting called to order by President Marilyn Kohler. The Pledge of Allegiance was recited. There were no guests.

The minutes were approved as written in Newsletter. The Treasurers report was given by Carl Chapin. Motion made by Dale Rupert/seconded by Bill Johnson. It was approved.

OLD BUSINESS:

Questionnaires handed out a second time with the request to fill them out at the meeting. Thank you for doing it. Now we, as a Club will know what direction the Club should go in for 2018 and beyond.

Mike McConnell suggested we have someone willing to be available for the CDA home School group. Beverly Bockman offered to do that on behalf of the Club. Thank you Beverly.

Bill Johnson has a new draft membership list available. Please make sure all the information is correct and current. This will be the information that will be sent to the Northwest Federation along with our Club dues that we pay to the Federation yearly. It will also be the Club new membership list for each member so we are able to call one another. The email address will also go to Mike Burton,

Newsletter editor so the Newsletter can arrive in the e-mail rather than “snail mail” Beverly Bockman said she will contact the Company that has made our name tags previously and find out how much they will charge. Anyone wishing a permanent name tag rather than the pin on one needs to pay for the name tag in advance. Hopefully this information will be available for the November meeting.

There are a few vests still available. Do you need one? If so contact Marilyn Kohler.

NEW BUSINESS:

Mike McConnell would like to see one added event to advertise the Club. Suggestions and where will the material come from for that event, rocks etc.? Maybe offer a membership to a person attending the event or at the Show? Maybe have a Kids day in the Park with rocks instead of Easter eggs BUT not at Easter. Again, where will the rocks come from? Maybe a Kids Day to talk about rocks and minerals. Again, who would do this and where would the material come from?

Scholarship: The Club decided to give a total \$1000 dollars now for Scholarships, \$500.00 each semester to NIC for Geology related studies. Some other suggestions instead of just NIC are: Home Schoolers, maybe a Geo Science Program. Have Club members interested in Rock Hound

Retreat receive a Scholarship to go to the event. It will be September 3, 2018 to September 9, 2018. It is held at the "Hancock Field Station" west of Fossil, Oregon. Then after the Retreat return and share their experience with the Club. The cost for the week is: \$282.00 plus \$45.00 for workshop fee. Food and rustic lodging available in cabins. Some RV sites available, first come first served. Full details available at the November meeting November 16, 2017.

Motion to adjourn by Dale Rupert, seconded by Bill Johnson, adjourned.

Respectfully submitted, Diane Rose, Secretary



Brad's Bench Tips for November

Brad Smith <brad@greenheart.com>

MANDRELS

Straight rod mandrels have a multitude of uses in helping to bend sheet and wire, and frequently we need a round rod for winding jump rings. Common sources for different sized rods are knitting needles, wooden dowels and clothes hangers. Metal rods can also be found in hardware stores and hobby shops.

But to get the right "look" in chain mail designs, you must have exactly the right size mandrel, and often those are not easy to find. Jewelry catalogs sell selections of straight rod mandrels for \$50 or more, but my choice is a set of transfer punches used in woodworking. The set has 28 sizes, from 3/32 inch to 1/2 inch, and is only about \$12. In the US it is available from Harbor Freight as item number #3577, and in Europe, it's available from MZS in the Netherlands as item number 250575.



JUST SAY NO TO OPTIVISORS

I was having my annual vision-check and the light-bulb went on: why not have my reading glasses made with bifocals that would magnify the same as the Optivisors? So I asked the ophthalmologist if he could add around +2.00 diopters into bifocals.

He checked with his supervisor and came back all excited. They all agreed that was a great idea and even gave him a special device to measure how far I hold a jewelry piece

from my eye, so they could get the focal distance exactly right. So if all goes well, no more sweaty bulky Optivisors! (Thanks to Gary Strickland)

See all Brad's jewelry books at
<http://Amazon.com/author/bradfordsmith>



Gem Show Theft

This is what went out to all dealers that attended the Portland Regional Show October 13-15, 2017.

I have some very sad news to relay from the Portland Regional 2017 show. Montana Gems, Inc. was robbed of their entire inventory while at dinner at the McDonalds on Cornell near Costco. Randy and Katie Gneiting had left the Fairplex and were on their way to another show. They stopped to eat before getting on the highway. Their car was broken into and the cases with the inventory were taken. This would have been Sunday, October 15, after 5:00pm when the show closed.

Montana Gems, Inc. is best known for their Montana Yogo sapphires. Their inventory is valued at over \$300,000.00 and was collected over 40 years of their lives.

Detective Patrick Brady of the Hillsboro Police Department is in charge of the investigation for this crime. If you have any information - saw or heard anything suspicious during the show or at the end during tear down - please contact him. He can be reached at 503.615.3444 (his direct line). The case number is 17-08625. Please refer to the case number if you contact him.

Please pass on the information about the theft while attending other shows and to any rock and mineral clubs you may belong to.

Thank you, Linda Harvey Dealer Chair Portland Regional Gem & Mineral Show Association 503.310.3036

Editor's Note: This is not an isolated incident. A remarkably similar theft occurred two years ago at the Northwest Prospector's Gold Show, held at the North Idaho Fairgrounds. Everyone should follow the advice above when they attend or participate in shows.



Are You Sure It's Jade?



- If a chip is knocked off the freshly broken surface should not sparkle in the sun. If it does, it's not jade.
- If you can scratch it with a knifepoint, it isn't jade.
- It will be much heavier than a common rock of similar size.
- Tap the specimen with a hammer. If a moon shaped fracture appears, it is agate or jasper, but not jade.
- If it is jade, it will have a smooth, waxy, almost greasy look.
- The only positive test for jade is x-ray analysis and specific gravity tests. The more milky the water is when cuffing jade, the better the grade of jade. If the water isn't milky, then you don't have true jade.

You have something else.

from Chips 'n Splinters 12/00 via Calgary Lapidary Journal, June 2009



Still Think its Jade?

Lapidaries and jewelers should constantly attempt to call gemstones and rough materials by their correct names. The term jade is applied to many non jade stones, such as:

- Korean Jade is bowenite, a hard variety of serpentine;
- Transvaal Jade is a massive variety of green, grossular garnet;
- Amazon Jade is aventurine;
- American Jade is a rock - a mixture of idocrase and grossular;
- Australian Jade is chrysoprase; Colorado jade is green microcline;
- Jasper Jade is green jasper;
- Flukien, Manchurian and Honan Jades are all soapstone;
- Mexican Jade is green-dyed marble or calcite;
- Oregon Jade is dark green jasper;
- Silver Peak Jade is malachite.

It would be clearer to beginners if jade were called jade, malachite called malachite, aventurine called aventurine.

From Carmel Valley Prospector via Calgary Lapidary Journal, June 2009



What Is Oolite?

An oolite is a sedimentary rock, usually a limestone, formed from ooids, spherical grains composed of concentric layers. The name derives from the Greek word oon meaning egg.

The ooid grains are not fossils, but entirely abiotic structures formed under certain special circumstances in which calcium carbonate is depositing, and the ooids are agitated back and forth by tidal action in rather shallow water. Present day, they are being formed in some of the shallow waters between barrier islands near Abu Dhabi in the Persian Gulf. The high temperatures of the Persian Gulf create waters super saturated with Calcium Carbonate, which can precipitate around a nucleus.

Ooids are most commonly composed of calcium carbonate (calcite or aragonite), but can be composed of phosphate, chert, dolomite or iron minerals, including hematite. Dolomitic and chert ooids are most likely the result of the replacement of the original texture in limestone. Oolitic hematite occurs at Red Mountain near Birmingham, Alabama along with oolitic limestone.

This type of limestone is also found in Indiana, USA. The town of Oolitic, Indiana was founded for the trade of limestone and bears its name. Quarries in Bedford, Oolitic, and Bloomington, Indiana contributed the materials for such iconic United States landmarks as the Empire State Building and the Pentagon. The Soldiers' and Sailors' Monument (Indianapolis) in downtown Indianapolis is built almost solely of grey oolitic limestone.

References

<http://en.wikipedia.org/wiki/Oolite>
 Reading, H.G. (ed.), 1978. Sedimentary Environments and Facies, Elsevier, NY.

From View from the Arbuckles, 11/06 Via T-Town Rockhound 3/01



North Idaho Mineral Club
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 Hayden, ID 83835



First Class Mail

NIMC Officers			
President: Marilyn Kohler (208-967-2545)			
Vice-President: Mike McConnell (406-360-4944)			
Treasurer: Carl Chapin (208-772-9049)			
Secretary: Diane Rose (208-659-6173)			
Other Positions			
Show Chair 2018: Mike Rose (208-659-6173)			
Newsletter: Michael Burton (208-772-9347)			
Federation Director: Dale Ruperd			
Federation Delegate: Bill Johnson (208-765-3099)			
Webmaster: Michael Burton			
Programs/Membership: Bill Johnson (208-765-3099)			
Affiliations			
AFMS – American Federation of Mineralogical Societies			
NFMS – Northwest Federation of Mineralogical Societies			
S.C.R.I.B.E.			
ALAA – American Lands Access Association			
Show eMail: Showchair2018@gmail.com			
Gem Show Schedules			
Oct 21-22	10:00-6:00 10:00-4:00	Hells Canyon Gem Club	Nez Perce Cty Fair Bldg, 1229 Burrell Ave, Lewiston, ID
Oct 28-29	9:00-6:00 10:00-5:00	Clackamette Mineral & Gem Club	Clackamas Cty Frgrnds, 694 NE 4 th Ave, Canby, OR
Oct 28-29	10:00-6:00 10:00-5:00	Bellevue Rock Club	Vasa Park, 3560 W. Lake, Sammamish Pkwy SE, Bellevue, WA
Nov 11-12	9:00-5:00 10:00-5:00	Maplewood Rock & Gem Club	Maplewood Rock & Gem Clubhouse, 8802 196 th St SW, Edmonds, WA
Nov 11-12	9:00-5:00 10:00-4:00	Skagit Rock & Gem Club	Sedro Woolley Comm. Ctr, 703 Pacific St, Sedro Woolley, WA
Dec 9-10	9:00-5:00 10:00-5:00	Maplewood Rock & Gem Club	Maplewood Rock & Gem Clubhouse, 8802 196 th St SW, Edmonds, WA
Feb 24-25	10:00-6:00 10:00-5:00	Idaho Gem Club	Expo Idaho, 5610 Glenwood, Boise, ID