



"Owyhee Gem"



Owyhee Gem & Mineral Society

P . O . B o x 1 0 5 3 C a l d w e l l , I d a h o 8 3 6 0 5 - 1 0 5 3

BOARD OF DIRECTORS

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ASST. Pat Kirkpatrick (503) 849-5822

SHOW CHAIRMAN: Susan Beattie
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ogms.webmaster@gmail.com

August President's Message

Hello everyone, hope you are finding ways to escape the dog days of summer. Idaho seems to be on fire once again. We would encourage you to keep a watch on your elderly friends and neighbors. Hydration is a key component to these hot days.

Jim has another great program for us this coming month. Howard Emery is going to give a program on the fossil ferns in our area. I am looking forward to hearing about this and hopefully pictures of the plants that were very prolific once upon a time.

Our Auction this last month was a huge success. Thanks to Ed for conducting it and all of you for contributing to the cause. Even though the evening was warm, we all managed to stay cool and share some time with our fellow rockhounds. Thanks also to our Treasurer and Secretary for having a great system in record keeping and to all of you for being patient in waiting to the end to pay. It made for a lot less confusion.

Susan is asking for a volunteer to head up the basket raffle for our Gem Show in March. This is a new venue and we need a person to collect donations from businesses to highlight in baskets for people to bid on. This has been very productive for other clubs and would be a great addition to our show but it needs someone to help organize it. If you would like to volunteer for this, please let either Susan or myself know.

Do you like our newsletter? If so perhaps you have an article that you could share with Carol as she is looking for interesting information to share with you all. Your field trips and adventures are not only of interest to you but others find that information to be of interest as well. If you have something you would like to see printed in the newsletter be sure to get ahold of Carol Farnham.

Dale is busy getting your upcoming field trip laid out. This month will be to Wagontown and they will be meeting at the GemStop outside of Marsing where Hwy 95 & 55 meet. They will be meeting at 7am leave at 7:30am this way they can beat the heat. More information will be provided at the meeting.

We are looking for a new slate of officers for the board as our upcoming elections in October will soon be upon us. If you would like to serve your club this is a great way to get involved. Please let either myself or a board member know if you are interested.

I look forward to seeing you all this month on August 15th at 7:30pm at the Boone Science Bldg. Till then keep on rocking!!

Willa Renken OGMS President

2018 Owyhee Field Trip Schedule

Please be advised that the field trip schedule may be altered so check out the schedule month by month. Those receiving emails will get updates by email if there are any changes.

August 18th Wagon Town for Petrified Wood, Cat Tail Fossils (Meet at the GEM Stop at HY55 & HY95, 7:00 AM, Leave at 7:30 AM).

September 22nd Oreana, ID., for Obsidian, Apache Tears, Opalized Nodules (Meet at Walter Ferry just across the Snake River on the right Side at 8:00 AM, Leave at 8:30 AM).

October 20th Haystack Butte for Red Jasper (Meet at Homedale, ID, Park where the Tank is just East of the Four Corners at 8:00 AM, Leave at 8:30 AM).

USEFUL ITEMS TO BRING ON YOUR TRIP

Buckets, Shovels, Rock Hammer, Pick (Large and a Small one), Sieve, Gloves, Spray Bottle for Water, Small Scrub Brush, Knee Pad's, Magnifier, Plenty of Drinking Water, Food, Appropriate Clothing, Protective Eyewear, Sun Protection, Day Pack or Back Pack, Umbrella, Pry Bar, Fire Extinguisher, tick spray. (Shovel and fire extinguisher to put out any fires that may start.)

For Field Trip Information, contact Dale Rawson (208) 283-7990.
Asst. Chair: Pat Kirkpatrick (503) 849-5822

Trips can last most of the day. Generally, a High-Clearance vehicle and sometimes 4WD or an ATV is required. **Remember, when you are finished, fill in all holes that are dug at the Site.**

ALL FIELD TRIPS ARE SUBJECT TO CHANGE DEPENDING ON THE WEATHER AND ROAD CONDITIONS.

***Ed Moser tells us that there is
a road closure.***

Clear Creek @ Loman.

Do not travel at this time.

***If you have any questions,
please call Ed.***

We need a volunteer
to organize a theme
Raffle table for the
2019 show. If interest-
ed or have questions,
please give me a call.

Susan (208) 466-6184





August Birthdays

1	Wayne Kidd
1	Pat Kirkpatrick
2	Susan James
4	Tammy Miller
4	Betty Ward
6	Janet Huntley
6	RoseMary Peterson
6	Robert Powers
7	Mark Stinson
10	Alicia Sherer
12	Ruth Mangrum
12	Terri Chollet
15	Bill Baker
15	Theiya Cooperroder
15	Kenneth Glen
16	Chas McConnell
18	Larry Beattie
18	Chris James
19	Steve Narkaus
20	Kai Anderson
21	Willa Page
24	Brian Gale
25	Brenda Horsch
26	Deana Ashton
27	Donald McClain
27	Alexander Sredzinski
28	Robert Spiker
31	Steve Kirkeby

BIRTHSTONE FACTS & FOLKLORE

Peridot has been found in volcanic lava in Hawaii and in meteorites that have fallen to Earth.

In the 1700s, a meteorite that landed in Siberia contained many peridot crystals that were large enough to be used for jewelry.

When set in gold, this gem was said to protect the wearer from nightmares.

August Anniversaries

4	Larry & Susan Beattie
6	Frank & Barbara Kerbs
7	David Dore & Arlene Purchase
7	Jim & Ruth Mangrum
8	Jim & Leta Collard
10	Gene & Freda Babbitt
14	Rick & Celeste Brose
15	Rich & Kay Taylor
16	Tom & Lillie Rogers
21	Howard & Darlene Emry
28	Greg & Laura Blodgett
28	Chris & Myra Skidgel
30	Harry & Pat Erichson
30	Jim & Christie Rettinger

Sunshine Report

Hi, I am Jewels Haines and I am your Sunshine Chairman. If you hear of anyone needing a get well card or visit, please give me a call at

760-331-3443

-Jewels Haines,



**Stone from Arizona**

Anderson Mine—Agate
Brenda—Agate & Jasper
Burro Creek—Pastelite & Agate

Stone from Australia

Noreena
Mookite

Stone from Idaho & Oregon

Owyhee Picture Jasper
Green Moss Agate
Tumbled Stones

Handmade Jewelry
Slabs & Rough
Hammers/Tools
Brazilian Agate
- Slabs and Rough

Located at the corner of US 95 & Homedale Road
26736 Homedale Road, Wilder, Idaho

By appointment only:

Phone (208) 861-8229 or Text: (208) 258-4250
rivervu1@msn.com

**STRINGER'S
GEM SHOP**

**Idaho Opals
Picture Jaspers & Plume Agate
Rough Rock and Slabs
Bolos & Buckles
Bookends & Specimens
Tumblers & Equipment**

WHITE'S METAL DETECTORS

W.A. (Bill) Stringer
1812 West Orchard
Nampa, Idaho 83651

1 Mile South of Karcher Mall
(208) 466-5169
M-F 1:30-5:30 pm

Other Hours By Appointment

Those that get their newsletter by email
will sometimes receive it a week earlier
than the snail mail.

It would save the club over \$1 for each
newsletter to switch over to email. When
you receive it by **email**, you will also get
emails on the NFMS Newsletter as well
as Brad Smith with jewelry tips.

How about it?

Let me know if there is a change to make.
If you do not receive the newsletter, ask
me about it. :-)

Editor: Carol Farnham 208.475.4868
carolfarnham@ymail.com

**Would you like to see
your ad here?**

You can buy a 1/4 page ad, rock &
hobby related, like
this for one month for only
\$5.00.

A 12-month ad is only \$50.00!

Your ad will be seen by over
200 club members,
plus online visitors.

To place an ad, please email:
carolfarnham@ymail.com

Plan Ahead for the Fall Roadside Cleanup!

The OGMS Fall roadside cleanup is scheduled for Saturday, October 27th. I know it's still summer and hot, but the way meetings and newsletters come around, I only have a few chances to bring this up. I just wanted to plant this bug in your ear, so you could plan ahead. It's not hard work and it's a good opportunity to get to know other members.

We meet at the Walter's Ferry boat ramp, on Highway 45, at 9:00am for the cleanup. If the weather is good, we will go on a little field trip after we are finished.

We need a minimum of 12 volunteers, but the more we have, the more fun it is and the quicker we will get done, so we can go play! I will have a signup sheet at the meetings in September and October but feel free to give me a call to add your name to the list any time. Due to the nature of the cleanup work, and the proximity to the highway, we don't recommend small children be brought on the cleanup.

Thank you for your support in this effort!

Larry Beattie
208-466-6184
lbeattiejr@aol.com

Orma J. Smith Museum of Natural History

The Orma J. Smith Museum of Natural History features specimens representing the Biology and Geology of SW Idaho, SE Oregon, and northern Nevada. The focal point of the museum is the Evans Gem and Mineral Collections. The museum hosts a workday and seminar the first Saturday of every month.

The Museum is open to all visitors:
Monday-Friday from 1-5 pm,
the first Saturday of every month from 8-5 and
the third Saturday of every month from 10-4.

The Museum is located in the basement of Boone Hall on the College of Idaho campus. Visit the Museum website at www.collegeofidaho.edu/cultural-institutions/orma-j-smith-museum-natural-history to learn more.

WELCOME NEW MEMBERS

Steve & Barb Narkaus
Shawn Young
Mike & Kathy Veneziano
Lorna Johnson
Tim Landis
Craig and Noel Miller
Joey Landis
Deana Ashton
Terri Chollet
Arthur & Setsuko Church
Johnny Mayberry
Tim Hatcher
Michele Munson
Brian & Christine Newman
Ken & Cindy Wilhite
Mike Woydziak



OWYHEE GEM & MINERAL SOCIETY BOARD MEETING MINUTES**JULY 30, 2018**

The July Board Meeting was held at the Caldwell Library and called to order by President Willa Renken at 7:08pm. Ed Moser made a motion to accept the minutes as read and Jim Hopkins seconded. Motion carried.

Secretary: absent.

Vice President: Howard Emery will give a presentation at the meeting in August about prehistoric plants. Neil Brown is set up to give a presentation in September about jewelry.

Treasurer: The picnic auction made \$657.

Show Chairman: We still need a Basket Raffle Chair for the show. Raffle items will need to be collected.

Federation Chairman: Nothing new.

Newsletter: Carol would like suggestions as to how to improve the newsletter.

Historian: Nothing new.

Membership Chairman: 11 new members. Steve & Barb Narkaus, Shawn Young, Mike & Kathy Veneziano, Lorna Johnson, Tim Landis, Craig and Noel Miller, Joey Landis, Deana Ashton, Terri Chollet, Arthur & Setsuko Church, Johnny Mayberry, Tim Hatcher, Michele Munson, Brian & Christine Newman, Ken & Cindy Wilhite and Mike Woydziak. Ed Moser made a motion to accept the above into the club. Susan Beattie seconded the motion. Motion carried.

Field Trip Chairman: The next trip will be Wagon Town for Petrified Wood for Cat Tail Fossils. The board is wondering about the flags we had made up to use on the field trips and where they were.

Road Cleanup Chairman: The next Road Cleanup will be on October 27th. More info later.

New Business: Election of Officers in September to take over in October. Jim Hopkins wants to retire from Vice President. We are still looking for a Show Chairman.

August 27th will be the next Board Meeting.

Meeting adjourned at 7:54pm.

Respectfully submitted by Carol Farnham

OWYHEE GEM & MINERAL SOCIETY GENERAL**MEETING MINUTES****July 18, 2018**

No meeting was held as we had our annual picnic and auction. Update will be in the next newsletter.

CRYSTALS BASIC BUILDING BLOCKS**Helping to Understand Crystals**

The word crystal comes from the Greek word for ice because the ancient Greeks believed that quartz crystals were made from water, which had frozen solid and would not melt. Some crystals form from molten magma, while others form from dissolved minerals in a solution. When they are given enough time to form, the atoms of a crystal stack neatly together, like a pile of dumped blocks. Also, important is the room they have in which to grow. If the rock cavity is big enough, they grow into a fine crystal. If they don't have enough room to grow, they fill up the space and take on the shape of the cavity. Sometimes two crystals will grow into each other and it looks like one is sticking through the other.

Via The Tumble, via GEM TIME, 1998, via Humboldt Gem & Mineral Society

HARD FACTS....

Diamonds were formed over a period of a million or more years deep within the earth.

Diamonds are 58 times harder than the next hardest natural mineral on earth, corundum. They are, however, brittle, and if you hit one hard with a hammer, it will shatter or splinter.

If heated to a temperature of about 763 degrees Celsius, or 1,405 degrees Fahrenheit, the diamonds will simply disappear! Vanish! No ash. Only a little carbon dioxide will have been released.

Petrograph, 1/10 vis The Tumble Rumble 3/11 via Gems From the Redwoods

MILLION DOLLAR FLOOR

If you are traveling in the vicinity of Kennewick, WA. take the time to visit Maxey's Trailer Court. The floor in their office is valued at ONE MILLION dollars, says D.L. Mackedown, owner. The 1,000 square foot floor is made of polished petrified wood and was designed by the late Gordon Maxey, who completed the floor in 1958. It took a lifetime to accumulate and prepare the material.

Mr. Maxey went through more than \$5,000 worth of diamond saw blades, cutting the wood. It took him 8 months to install the floor after it had been ground, sanded and polished. The managers of the court, Mr. & Mrs. Compton, say the floor draws visitors from as far away as Europe, while most people in the area don't know it exists.



via Gems from the redwoods, 2/13 Via North West Newsletter, 10/02 Via Ghost Sheet, 12/01

EDITOR'S BEATITUDES

- | | |
|------------------|--|
| Blessed are ye - | Who do not snicker at the typos and goofs in the bulletin. You shall find mercy. |
| Blessed are ye - | who offer good constructive criticism. You shall receive justice. |
| Blessed are ye - | who get your reports to the editor on time. You will avoid the fires of the editor's wrath. |
| Blessed are ye - | who contribute articles and share your expertise and experience. You shall receive praise and glory! |
| Blessed are ye - | who read the bulletin and remember it. You shall gain knowledge and wisdom. |

Via "CHIPS" 1998, via Gems From the Redwoods

TUMBLING INFORMATION

— Similar hardness's of rock are necessary to achieve best results.

— The tumbling barrel needs to be at least half full to function.

GRINDING:

There is more room for movement if the barrel is nearer half full.

Tap water (about 40 degrees) expands. Try warm water if lids tend to leak. Press on bottom of barrel, if flexible, to allow greater expansion.

One drop (only) of soap reduces surface tension of water and allows better grinding.

Seven to ten days is the optimal life of the grit. The grit wears about the same as the rock. It will take approximately four longer than the original effort to do the same work.

SANDING:

Additional steps beyond the initial grinding do not require as much movement. Generally we recommend tumbling batch in the course grit. Clean and place that material in a container. Tumble a second batch in the course grit. When done, clean and combine the two batches to fill the barrel about three quarters full. Proceed with sanding cycles.

Smooth beach material can be used to provide additional material for sanding. Just add beach material after initial grinding to achieve three quarters fullness. The beach material doesn't require course grinding, as the ocean has already done that.

It is possible to reduce costs and tumbling time by combining cycles. A mix of approximately 60% 120/220 and 40% 400F is a good combination

POLISH: Many polishes are available. Decided which is best for your purposes and the time can normally be shortened to five days.

SOAP: The rocks will not look very shiny until the soap solution step has been completed. Laundry soap without additives is recommended. Tide or ALL without bleach has worked well in the past.

SIMPLIFIED DIRECTIONS:

Fill the tumbler 1/2 to 3/4 full of rock.

Add water to just below the level of the rock (1/2 inch).

Add grit:	1 cup	12 lb tumbler
	1/2 cup	6 lb tumbler
	1/4 cup	4 lb tumbler
	2 tbs	3 lb tumbler
	1 1/2 tbs	1.5 lb tumbler

Use same amount for each step, depending on the size above.

Time for each step:	Grit	Time
	60/90	7 days
	220	7 days
	400	7 days
	Polish	5 days
	Soap	2 days

Barrel to be cleaned between each step or separate barrel for each grit. **Do not clean inside house.** major clogs could result. Clean outdoors. You can use old towel to easily retrieve tumbled material. Obsidian and Feldspars should be done exclusively with the same type of material. Generally two cycles of each grit, using new grit each time is necessary.

Via Nelson The Rocky-Feller, Inc., GEMS OF THE ROGUE, GEMS FROM THE REDWOODS.

Federation Director

Please save the postage STAMPS for cancer research and bring to this months meeting. Remember to **cut ½ inch all the way around the stamp**. Thanks to all for your help. It helps others and it might just help someone you know.

Federation Director-Ed Moser, Federation Director
(208) 340-8060, edmoser15@gmail.com

**Membership Report**

We will soon be accepting payment of 2019 dues, please be prepared.

Membership forms are available at every meeting. Invite your "rockhound" friends to our next one!

Any member needing a name badge, membership card, or patch, please call me so I can have them ready for you to pick up at the next meeting.

If you need a "replacement" of any of these, there will be a nominal charge of \$2 for the Name badge and \$3 for the Small patch. In addition, large patches are available to members for \$10.

Please remember to wear your name badge to the meetings, as it makes it so much easier to identify you.

Your yearly dues cover membership privileges from October 31st through the following October 31st .

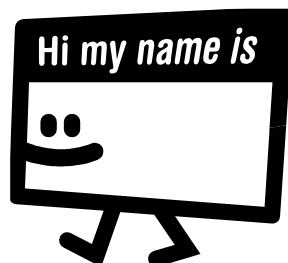
You can either pay at a meeting or by mailing the form below to:

P.O. Box 1053, Caldwell, ID 83605-1053.

Kim Bashford, Membership Chairperson

Phone: (208) 454-7287

Email: kmcewan1957@msn.com

**OWYHEE GEM & MINERAL SOCIETY DUES****Year: 2018**Family
\$20Couple
\$18Single
\$12Child
\$3

LAST NAME: (Please Print) _____ Date Paid: _____ Amount: _____

FIRST NAME(s): _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

PHONE: _____ ANNIV: _____ - _____ BDAY: _____ - _____ / _____ - _____

Month Day Month Day Month Day

EMAIL: _____

RENEWAL _____ NEW _____

CASH _____ CHECK # _____

RECD BY _____

Owyhee Gem & Mineral Society
PO Box 1053,
Caldwell, ID 83605-1053

Owyhee Gem and Mineral Society Purpose:

To promote interest in the wonders of nature and in particular, rocks, gems, minerals, and fossils.
To conduct field trips for exploration and collection.
To encourage as wide a participation as possible in the "Rock Hound" hobby and the many activities that go along with it.

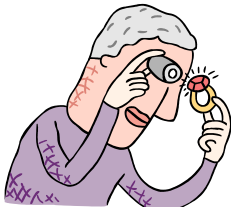
MEMBERSHIP DUES:

Family - \$20.00 per year
Couples - \$18.00 per year
Singles - \$12.00 per year
Children (under 19) - \$3.00 per year

The Owyhee Gem and Mineral Society was established in 1938 at the College of Idaho in Caldwell, Idaho.

GENERAL MEETING: The club meets the third Wednesday of each month at 7:30 P.M. in the Boone Science Hall at the College of Idaho, Room 103, except for the July picnic and the December holiday party. Field trips are scheduled once a month. Visitors are welcome at all these events!

Bring a friend—Wear your name tag— Bring an unidentified rock and we'll help you figure out what it is!



Have You Visited our Club Website?

Our awesome website has great information on it. There are some great pictures of our outings, and our newsletter is posted on it. Brad Larson, our Web Master, does a great job of keeping it up to date with all kinds of information like upcoming shows, field trip dates, times and much more.

<http://www.owyheerocks.com/>

