

"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

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July President's Message

Happy Fourth of July to all of you. Hope your enjoyment of our independence day was filled with fun, family and recognition of the sacrifices our forefathers laid down for us. **I always enjoy July as our club has it's picnic event for the year.** We would like to thank Michele Wiles for reserving the band shelter at **Memorial Park in Caldwell off Kimball and Grant.** We will start our evening at 6:30pm so be sure to plan for a fun filled evening. It is a potluck so we would ask all you wonderful cooks to bring a dish or two to share for that evening. The club will be providing the water, punch and ice cream for this event. Please remember to bring your own table service, lawn chair and something special for our Annual Auction. After we eat we will have a short business meeting, then we will begin the Auction. Ed Moser has agreed to be our auctioneer again this year and we thank him for helping us make this another fun event. The items for this Auction don't necessarily need to be rock related just items that you would be interested in obtaining. We realize that it takes a while to auction off the items but we ask you to be patient and wait until the end to make payment on your items. It is too distracting for them to add your bills up while the Auction is still in progress. Our Secretary and Treasurer have a great system so it will be as quick as possible following the end of the auction. Thank you in advance for your patience.

Ed Moser our Federation Director has asked that you take the time to read the NWFederation newsletter, which has several proposals for the upcoming federation show. Each year the Federation has proposals to better facilitate the running of their organization and as every club in the Federation is a part of the process, you are asked to give input on this year's submissions. The proposals will be read in the August meeting along with the Boards recommendations.

Robert Murphey is hard at planning the upcoming field trip to the Pink Plume claim out of Adrian OR. See page 2 for details.

Thanks to all of our volunteers for the work that you do as our club would not be as strong as it is without your help and contributions. See you on July 17 at 6:30pm. I look forward to sharing a fun evening with you all.

Willa Renken OGMS President

OWYHEE GEM

OGMS 2019 Field Trips

ALL FIELD TRIPS ARE SUBJECT TO CHANGE DEPENDING ON THE WEATHER AND ROAD CONDITIONS. Some may also be added.

July 20th: **Pink Plume claim* out of Adrian OR. We will be meeting at the Owyhee Junction store. (Meet @ 8am, leave at 8:30am) THIS IS A CHANGE FROM THE ORIGINAL SCHEDULE. More details at picnic.

August 24: **Rockville, Oregon* for Leaf Fossils, Agate, and Jasper. Meet at the GEM Stop (HWY 55 & 95). (Meet @ 8am - leave @ 8:30)

September 21: **Blue Egg Claim* for Geodes. Meet at the Homedale, ID Park tank just E of the four corners. (Meet @ 8am - leave @ 8:30)

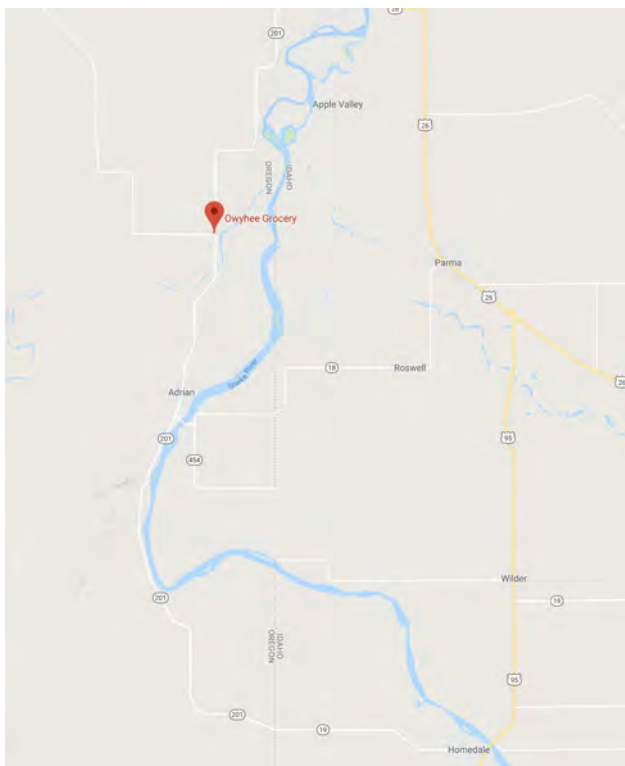
October 19: **Haystack Butte* for Red Jasper. Meet at the Homedale, ID Park tank just E of the four corners. (Meet @ 8am - leave @ 8:30)

USEFUL ITEMS TO BRING ON YOUR TRIP

Buckets, Shovels, Rock Hammer, Pick (Large and 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, Tick Spray. (Shovel and fire extinguisher to put out any fires that may start.)

For Field Trip Information, contact Robert Murphey (208) 590-1848
or David Baldwin (208) 570-9781

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.**



Hello All, it has been a while since our last outing to Beacon Hill where we had a great turnout and some folks recovered breathtaking nodules and even one filled with Amethyst. I know many of you may be getting Restless and wondering when our next outing is. The time is almost upon us so have no fear, our next scheduled outing is on July 20th but there **has been a change to the location.**

Coal Mine Basin was voted out in our last meeting, and by majority vote, it was decided that we will be visiting the Pink Plume claim looking for some of that gorgeous Pink Plume Agate. Summer is upon us and it will be hot out there, so make sure to dress accordingly and bring some digging tools, plenty of water, snacks and a lunch. Porta potty will be provided. We will be meeting at the Owyhee Junction where Highway 201 (Succor Creek Hwy) and Owyhee Ave intersect. North of Adrian and south of Nysa. Meeting time will be 8AM and Leaving at 8:30 AM. Hope to see you all there and until then, Keep on Rocking.

July Birthdays

Susan Beattie
David Biggar
Jerry T Booker
Leta Collord
Matt Davis
Debbie Davis
Howard Emry
Pat Erichson
Michael Foreman
Loren Francis
Kenneth Grove
Fred Hale
Ron Huseman
Miers Johnson
Frank Kerbs
Catherine Parsons
Jeff Ramsey
Tom Rogers
Frank Shawler
Larry Ridley

Anniversaries

John & Teresa Benedict
Mel & Louise Channer
Norma & Robbie Lowry
Clarence & Marcie Dishner
Fred & Sheri Hale
Dick & Jarri McClarin
Doug & Willa Renken
Randy & Carolyn Whipple
Terry & Vanessa Yohn
Dave Young

Congratulations

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
Sunshine Chairman



<u>Stone from Arizona</u>	<u>Stone from Australia</u>
Anderson Mine - Agate	Noreena
Brenda - Agate & Jasper	Mookite
Burro Creek - Pastelite & Agate	

<u>Stone from Idaho & Oregon</u>	<u>Amethyst from Uruguay</u>
Owyhee Picture Jasper	Slabs & Rough Rock
Green Moss Agate	Hammers/Tools/ /Gold Pans
Tumbled Stones	Brazilian Agate

Located at US 95 & Homedale Road
 26736 Homedale Road, Wilder, Idaho
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rivervu1@msn.com
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April—October

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WHITE'S METAL DETECTORS

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(208) 466-5169
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 plus online visitors.

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

VICE PRESIDENTS CORNER

Leave a Rock Take a Rock

If you have lucked out and found some nice rock bring one to our meeting. You can leave the rock on the table and anyone who brings one can take a rock. At the end of the meeting if your rock is still there take it home with you. If everyone brings something to trade each month we can have the benefit of others' successful trips.

Show Chairman

Thoughts for Silent Auction

As you go out hunting rocks, please keep in mind our yearly show's Silent Auction!!

If you find a nice sample for our auction, place it in a bucket and label the bucket "OGMS".

By the end of the year, your bucket should be full of great rocks and ready to donate for our show.

It is amazing how just a few rocks can add up if every "rockhound" would contribute!

Editor's Note

Because of an issue in the past we are replacing the decorative graphics in the newsletter with new licensed images from a library we will purchase. The fun look and feel will come back as we get the old ones replaced.

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.

Federation Director

Please save the postage STAMPS for cancer research and bring to this month's 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.

Ed Moser

Federation Director

(208) 340-8060,
edmoser15@gmail.com

OWYHEE GEM & MINERAL SOCIETY - Board Meeting Minutes June 24, 2019

The Owyhee Gem & Mineral Society monthly Board Meeting was held at the Caldwell Library and called to order at 7:05 by President, Willa Renkin. Ed Moser made a motion to accept the minutes from the last meeting; seconded by Kathi Larson, motion carried.

Secretary: There was no mail since the last meeting. The financial report from the Orma J Smith Museum of Natural History was distributed to the Board and reviewed.

The Treasurer and Vice President were not present and there was no Historian Report.

Federation Chairman: There are proposals that will need a vote at the next Federation Meeting. The information on the proposals and openings on the Board can be reviewed in the newsletter or online.

Membership Chairman: Kathi Larson made a motion to accept Jerry Booker as a new member; seconded by Ed Moser, motion carried.

Field Trip Chairman: The next field trip will be to the pink plume claim. Meet at Owyhee Junction at 8am.

Old Business: The Memorial Park in Caldwell has been rented for the picnic in July. Potluck will start at 6:30 and Ed Moser will be the auctioneer for the event. There has been no news from the attorney since the last meeting.

New Business: There was no New Business.

Respectfully submitted

Debbie Lawrence, Secretary

The American Federation of Mineralogical Societies Code of Ethics

- I will respect both private and public property and will do no collecting on privately owned land without permission from the owner.
- I will keep informed on all laws, regulations or rules governing collecting on public lands and will observe them.
- I will, to the best of my ability, ascertain the boundary lines of property on which I plan to collect.
- I will use no firearms or blasting material in collecting areas.
- I will cause no willful damage to property of any kind such as fences, signs, buildings, etc.
- I will leave all gates as found.
- I will build fires only in designated or safe places and will be certain they are completely extinguished before leaving the area.
- I will discard no burning material – matches, cigarettes, etc.
- I will fill all excavation holes before I leave the area.
- I will not contaminate wells, creeks, or other water supplies.
- I will cause no willful damage to collecting material and will take home only what I can reasonably use.
- I will practice conservation and undertake to utilize fully and well the materials I have collected and will recycle my surplus for the pleasure and benefit of others.
- I will support the rockhound project H.E.L.P. (Help Eliminate Litter Please) and will leave all collecting areas devoid of litter, regardless of how found.
- I will cooperate with field-trip leaders and those in designated authority in all collecting areas.
- I will report to my club or federation officers, Bureau of Land Management or other authorities, any deposit of petrified wood or other materials on public lands which should be protected for the enjoyment of future generations for public educational and scientific purposes.

OWYHEE GEM & MINERAL SOCIETY - General Meeting Minutes**June 19, 2019**

The General Meeting was held at the College of Idaho, in the Boone Science Hall and called to order at 7:30pm by President, Willa Renkin. Dale Rawson made a motion to accept the minutes as printed in the newsletter; seconded by David Schmidt, motion carried. Our Vice president, Roxanne Franklin, gave a presentation on how geodes are created, and explained the difference between a thunder egg and a nodule. Guests stood and introduced themselves and were given a warm welcome.

Secretary: Received correspondence from Higbee & Associates, one membership application, a letter from the Idaho Tax Commission and information from Auto Owners Insurance Company. There was also a newsletter from the Wasatch Gem Society in Salt Lake City, Utah.

Vice President: Next month is the annual picnic and auction so there will not be a speaker. The speaker at the August meeting will give a presentation about dinosaurs.

Treasurer: The status of the bank accounts was reviewed.

Show Chairman: Kathi asked club members to pick up extra material while on field trips for tumbling and for the silent auction. Everyone was encouraged to make critters for the game prizes. A pattern to assemble grab bags will be included in the newsletter.

Federation Chairman: A reminder was given to continue to save postage stamps. Collected stamps will be taken to the Federation Meeting in the fall. The stamps will be sold with the proceeds going to help fund cancer research. The next Federation Meeting and show will be in Utah. The Federation Board is looking to fill a couple of their open positions.

Sunshine: Let Jules know if you know someone who could use a note of cheer or words of encouragement.

Membership Chairman: The patches and name badges that were ordered were received.

Field Trip Chairman: There was a joint trip with the Boise Club to Beacon Hill that had a great turnout. There was a vote taken to determine where the field trip will be in July, and it was determined we would go to the Pink Plume Claim on July 20th. Meet at the Owyhee Junction near Adrian, Oregon.

Unfinished Business: The July meeting will be the annual picnic/auction and will be held at the Memorial Park in Caldwell. The park is located on the corners of Kimball and Grant, and the potluck will be near the band shell. Bring a lawn chair and your own table service along with a dish or two to share. The Club will provide water and ice cream for dessert.

New Business: Correspondence was received about payment needed for using a copyrighted cartoon in 2016. The Board Members were polled and it was decided legal council is needed to protect the club. Roxanne Franklin made a motion to give necessary funds to Higbee & Associates up to \$2,500 to cover expenses pertaining to this matter; seconded by Kathi Larson, motion carried. The cartoon was immediately removed from the newsletter that was published on the website. The security system has been installed in the Orma J Smith Museum of Natural History. Taxes have been submitted.

Slab drawing. Paul Deveau won the door prize which was a rock necklace with a matching bracelet that was donated by Ruth Hopkins. Meeting adjourned at 8:50pm.

Respectfully Submitted. Debbie Lawrence, Secretary

Nuggets for Rock Hounds

* The first two articles for this month's are courtesy of *The Topeka Gem & Mineral Society, Inc* June 2019 newsletter. The articles are shortened to fit here. The entire articles can be found at www.topekagms.org

Fluorite Gemstones and Minerals

By chemical composition, fluorite is calcium fluoride. It is an isometric mineral that usually forms in cubic crystals, though octahedral and more complex isometric forms are seen as well. Because fluorite produces well-formed crystals in several different habits, interesting specimens are very popular with collectors. Cubic crystals are the most recognized, followed by the octahedral. Fluorite has perfect octahedral cleavage with 4 identical directions of cleavage, and cleaved fluorite octahedrons can be found in many mineral shops.

Another distinctive characteristic of fluorite is the fluorescence that it displays under ultraviolet light. In fact fluorite was one of the first fluorescent minerals studied, and the very term fluorescence comes from "fluorite." Fluorite has generated interest as a gemstone because of its wide range of colors and its attractive luster. Fluorite is found in nearly every color, ranging from purple and blue to green, yellow, orange, red, pink and brown. Banded multicolored specimens are common, and a color-change variety is rare but known. The color-change can be welldefined, typically showing a change from blue under natural light to purple under incandescent light. Because fluorite is a relatively soft material -- rating on 4 on the Mohs scale -- it is suitable mainly for earring and pendants. It can be challenging to cut because of its perfect cleavage and it has to be handled carefully when set in jewelry. <http://www.ajsgem.com/articles/fluorite-gemstones-and-minerals.html>, via *The Rockhounder* June 2019

Dinosaur Dental Discoveries

Looking at an animal's teeth can provide a lot of information on how the animal lived. This is particularly useful when the animal is extinct, or no longer exists in the world we live in. Dinosaur teeth can tell you many things about it, such as the type of food that it ate, how it got its food, and how it digested its food. Teeth are much harder than bone, and fossilize readily. Countless fossilized dinosaur teeth have been uncovered. Some dinosaur species such as *Cardiodon*, *Trachodon* and *Deinodon* are only known to have existed because of their fossilized teeth. By looking at the shape of the dinosaurs teeth we can figure out what they ate when they were alive. *Allosaurus* had long teeth with sharp edges that were pointed and curved back towards its throat and was a meat-eater. Reptiles that browse for food, such as the iguana, have low and tiny leaf-shaped teeth used for shredding plants, much like dinosaurs before them did. The number of teeth dinosaurs had varied dramatically, depending on the type of dinosaur. *Tyrannosaurus rex* had 50 to 60 solid cone-shaped teeth as big as bananas. *Hadrosaurs*, or duck-billed dinosaurs, had the most teeth: up to 960 cheek teeth! Dinosaur teeth were replaceable. If a dinosaur broke or lost a tooth, another grew in to take the place, behaving much like sharks teeth do today. <http://www.towncaredental.com/dinosaur-dental-discoveries/>, via *The Rockhounder* June 2019

Pink Plume Agate is what we will be looking for on our next trip. Check your favorite rock book or Google "pink plume agate" to see some pictures of the rock. The Wiki page says "Agate is a rock consisting primarily of cryptocrystalline silica, chiefly chalcedony, alternating with microgranular quartz. It is characterized by its fineness of grain and variety of color. Although agates may be found in various kinds of host rock, they are classically associated with volcanic rocks and can be common in certain metamorphic rocks." <https://en.wikipedia.org/wiki/Agate> on July 8, 2019. What is your "go to" source to find rock information?

Membership

We are accepting payment of 2019 dues

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

PAY YOUR DUES NOW Please!

OWYHEE GEM & MINERAL SOCIETY DUES Year: 2018

Family \$20	Couple \$18	Single \$12	Child \$3
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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/>