



LEAVERITE NEWS

Grand Junction Gem and Mineral Club
 2328 Monument Road
 P.O. Box 953, Grand Junction, CO 81502



★ PRESIDENTS MESSAGE BY MEL BERSCH ★

Summer is almost over and time to prepare for fall. Hope you all had a great summer filled with adventures.

Our recent potluck meeting was in a full house and was great to see you all! Next month we start cookie night with a guest speaker.

The board will meet on Wednesday, September 13th at 7:00 at my house- 248 Little Park Road. We have a lot to cover at this meeting including next year's show, new leadership for the club, building fund, and much more, so I hope all can make it.

We met our goal of \$1000 by July 1st for the matching contribution to the building fund!! Thank you all who gave. This will get us going on the survey of the property.

Mineral Group will start up again September 29, 2017 with a potluck starting at 6:30 pm at 248 Little Park Road. Bring specimens you found over the summer to look at and discuss.



September, 2017				Volume 34 Number 6		
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2 9-12 Open Shop
3	4 Labor Day	5 6-9 Advanced Lapidary	6 12-3 Open Shop <i>Full Moon</i>	7	8	9 9-12 Open Shop 12-3 Wire Wrapping
10 grand parents day	11	12 6-9 Advanced Lapidary	13 12-3 Open Shop Board Meeting	14 Cookie Night Guest Speaker 6:30	15	16 9-12 Open Shop 12-3 Wire Wrapping
17	18	19 6-9 Advanced Lapidary Chain 12-3	20 12-3 Open Shop	21	22 AUTUMN	23 9-12 Open Shop 9:30 <i>Facetors Group</i> 12-3 <i>Wire Wrapping</i> <i>Silver Smithing</i>
24	25	26 6-9 Advanced Lapidary Chain 12-3	27 12-3 Open Shop	28 Pot Luck 6:30	29 Mineral Group 6:30	30 9-12 Open Shop 12-3 Wire Wrapping Silver Smithing

New Officers for 2018

Teri Drost, head of our nominating committee, will be looking for people to fill all positions on the board; President, Vice President, Treasurer and 3-year director. In addition, Anita Martinez will need someone to co-chair the secretary position with her. The chairman position of Historian is still vacant. Evita Shultz will replace Linda Sims as purchasing agent for club house supplies and help with membership.

We thank Linda for her service to the club and wish her well.



Petrified Wood Seminar

Walt Wright

The club is again sponsoring a Petrified Wood seminar with Walt Wright who is a world-renowned expert in petrified wood identification. Classes will be held Sept 22nd to 24th with field trips on



Sept 25th & 26th. The cost is \$100.00 for the seminar or \$120.00 for the seminar and three luncheons provided during the three class days. Evita Schultz is planning for the luncheons and could use some help with that.

Mineral Group

Mineral group is looking forward to an exciting year, meeting each Friday following the Thursday Club's Pot Luck Meeting. Mineral group will start up on Friday, September 29, 2017 at the Bersch's house for a pot luck dinner, 248 Little Park Road, at 6:30, followed by an evening of using a microscope connected to a large screen TV to examine the details of various rocks and minerals. We will supply the coffee, tea and eating utensils. All members are welcome. Questions call 242-3134.

Facetors Group

August 25: Members attending: Thom and Kathy Erickson, Howard Whipple, Jim Smith, Gary Thomas, Ralph Stuart, Jim Vaughn, Dale Breckenridge, Casey Trump, Mike Ryan and Connie Duncan. Interested members attending were Kay and Dave Crawford and new member, John Warick.

Our project stone, "Barion Oval/Quake 311" was cut by: Connie - Tourmaline, Howard - Lavendar CZ, Thom - Blue CZ. Other stones: Doc - 2 Pidgeon Blood Agates that he cut some years ago and provided an insight into Federation judging, Dale - Herkimer Diamond (last month's project), Howard - Yellow/Green CZ (beautiful) and Connie - Orthoclase.

Dale gave a program on how to optimize cutting angles to fit the material being cut. He used our competition diagrams as examples and provided graphs and data showing how to determine what angles to use based on what you want to see from your cut stone.

Next meeting is Sept. 23rd and our project stone is "Tripsy", a different Trillion design.

The Facetors also met in June and July and had some great stones. In June, Howard stated that he uses "super lube" with 8000 diamond paste on his ceramic lap to do the final pointing before polishing. This helps to avoid over-cutting facets, as the 8000 is slow to cut. We're always in need of useful tips coming from our cutting experiences.

In July, Connie brought an untreated Iolite crystal, when treated it is considered Tanzanite. The crystal was sizable for Tanzanite and displayed colors of gray, blue and a dark smoke. Dale brought diagrams for our 2018 competition. A Novice design and an Advanced design. Both will prove to test our cutting skills, so we need to start right away. Dale will do the judging of the stones again this year.



Classes

Cindy Teare-Chairperson 462-6806

Sept 5th, 6-9 pm, Advanced Lapidary with Thom Erickson
Sept 9th, 12-3 pm, Wire Wrapping with Joyce Trump
Sept 19th, 12-3 pm, Chain Making and Chainmaille with Cindy Teare
Sept 23rd, 12-3 pm, Silversmithing with Cindy Teare
Oct 4th, 9-12 pm, Lapidary with Judy Mason and Sylvester Spaeth
Oct 16th, 1-4 pm, Intarsia with Jim Lynch

Filigree: Pam Bersch wants to do a 3-week class with two classes per week.
Let Pam know if you are interested so a date and time can be determined.



Field Trips

A good time was had by all!

Summer was full of both club and personal field trips that yielded lots of interesting finds.

At Wiggins Fork, Wyoming, limb casts with "water lines" and petrified wood of different forms, mostly from Metasequoia or Redwood origin were collected.



Upcoming Field Trips

For upcoming trips check out meetup.com or contact trip leaders to get signed up.

We will try to accommodate all who are interested in going.

Sept 16th - State Bridge, CO (pryrite). Leave from Golds's Gym in Clifton at 7:00 am. We need a small boat to float down river to site.

Oct 14th & 15th - Searles Lake outside of Trona, CA with Brad and Bambi. This site is near Death Valley.

October 21- West Water, Utah, Need a leader.

November 4- Sands Flats, Utah lead by Jim Schultz

Shop News

The Gem and Mineral Club has a wonderful Shop with volunteers who keep it opened twice a week and in great shape. If you are not familiar with the machines, there are classes you can take to get up to speed on using the shop. A special thanks to all those who have put so much work into creating such a great environment in which to work.

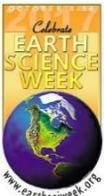




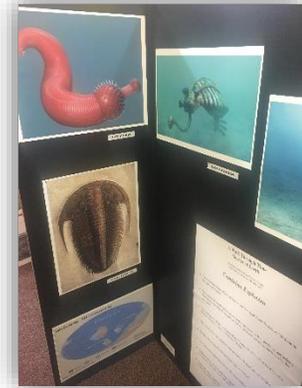
Rock Samples Needed

Eric Berg, a geologist with the BLM, is seeking minerals, petrified wood, and fossils (insects and plants) from Mesa County and Colorado for an office display. Samples may be donated or loaned to the BLM.

Earth Science Week



During Earth Science Week, the club will again present the "Walk through Time," a presentation given on October 14th from 10-2:30 pm on the Geology Time Line. If you would like to be part of this presentation, please contact Pat Mitchell. Prepared information and posters make it easy to help with this project.



2017 Gem and Mineral Show

Annual Show Update: Preliminary Report by Pam Bersch

a. <u>Income:</u>	Admissions	\$ 4460.00	<u>Expenses:</u>	Advertising	\$3500.00
	Grab Bags	\$ 560.00		Tables Rentals	\$1700.00
	Kids Korner	\$ 519.22		Two Rivers	\$8550.00 +
\$1000.00					
	Silent Auction	\$ 2473.69		Dealers Dinner	\$ 398.00
	Kay's Corner	\$ 190.00			
	Door Prize	\$ 30.21			
	Magazines	\$ 104.00			
	Dealers	\$11637.00			

- b. More advertising did not appear to increase attendance this year.
- c. Minus the silent auction we made about \$3,000.
- d. Some people don't want the Show to be on Mothers Day because attendance was greatly reduced Sunday (Mother's Day).

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If you shop on Amazon.com we would like you to try AmazonSmile. AmazonSmile is a website operated by Amazon that lets customers enjoy the same wide selection of products, low prices, and convenient shopping features as on Amazon.com. The difference is that when customers shop on AmazonSmile

(smile.amazon.com), the AmazonSmile Foundation will donate 0.5% of the price of eligible purchases to the charitable organizations selected by customers. We would hope you choose Grand Junction Gem & Mineral Club! When you #StartWithaSmile, Amazon donates 0.5% of the purchase price to Grand Junction Gem & Mineral Club. Bookmark the link <http://smile.amazon.com/ch/84-0964958> and support us every time you shop.

September Birthstone



Sapphire has been popular since the Middle Ages. Blue sapphires range from very light to very dark greenish or violet blue, as well as various shades of pure blue. Sapphire is a variety of the gem species corundum which is an aluminum oxide (Al₂O₃). Corundum has a regular crystalline structure formed by repeating patterns of arrangement in a trigonal crystal system. They are strong stones, 9 on the Mohs Scale.

Sapphires are found in both igneous and metamorphic rock. When sapphires are rooted in solid rock, they are considered primary deposits. However, sapphires are frequently found some distance from their original source. The process of erosion moves rock fragments into streams where they are fractured, releasing any gems they contain which from their weight travel downstream in rivers and become secondary or alluvial deposits. Alluvial gem gravel is the most lucrative source of sapphires because it contains concentrated amounts of gemstones that are relatively easy to extract.

Although you could go to Africa, Asia or Australia to find sapphires, they can be found throughout Montana. The majority of the finds can be attributed to four major locales: Yogo Gulch, Rock Creek, Dry Cottonwood Creek, and the gravel bars along the Missouri River northeast of Helena. Montana's Largest, Oldest and Funnest Sapphire Mine is Gem Mountain. Plan a summer field trip between May and September.

September Gem and Mineral Shows in the Region

Days	Show	Location	Web Site or Email
2-4	Grant County Rolling Stones	Silver City, NM	jweiner2011@hotmail.com
8-16	Colorado Mineral and Fossil	Denver, CO	www.rockygems.com
9-17	Eons Expos	Denver, CO	Heather@EonsExpos.com
15-17	Denver Gem & Mineral	Denver, CO	451 E 58th Ave
16-17	Feather River Lapidary & Mineral	Chico, CA	jweazel@sbcglobal.net
23-24	Carmel Valley Gem & Mineral	Monterey, CA	janis12@sbcglobal.net
23-24	Siouxland Gem and Mineral	South Sioux City, NE	doctorrobert32@gmail.com
3-1	Nebraska Mineral and Gem	Omaha, NE	tjeanneret@hughes.net



Stout's Electric **SALES & SERVICE**
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Grand Junction Gem and Mineral Club

Officers

President	Mel Bersch	242-3134
Vice President	Mike Burritt	260-3897
Co-Secretary	Anita Martinez	434-9270
Co-Secretary	Chris Henderson	719-244-3192
Treasurer	Pam Bersch	242-3134

Directors

Pat Martinez	434-9270
Cindy Teare	462-6806
Teri Drost	256-0983
Jim Schultz	242-0428
Betty Jo (BJ Brown)	241-3051

Committee Chairpersons

Audit	Kathy Ericson	623-2522
Building and Ground	Sylvester Spaeth	846-5716
	Judy Nason	250-9128
Compliance	Jim Schultz	242-0428
Correspondence	Bambi Harmon	216-4540
Decorating	Linda Dunham	623-3610
Display Cases	Val Meduros	773-4244
	Carmen Bruno	773-4247
Education	Cindy Teare	462-6806
Field Trips	Wayne Sims	314-2970
Funding/Constr.	Mike Cosby	589-0687
Historian		
Hospitality	Judy Nason	250-9128
Inventory	Pat Martinez	434-9270
Name Tags	Melinda Hanson	712-6972

Leaverite Editors

Librarian

Meet-Up

Membership/Badges Carrie Riggs and

Nominating

Publicity

Scholarships

Shop Foremen

Show

Show Assistant

Supplies

Vests

Website

Lorrie Wallace	250-1122
JoAnn Whalen	424-2007
Joyce Frost	255-7078
Jim Schultz	242-0428
Evita Shultz	242-0428
Sue Smith	245-5602
Teri Drost	260-2478
Wayne McMacken	208-2534
Bill Hood	241-8020
Thom Ericson	623-2522
Scott Pugsley	972-953-7735
Wayne McMacken	208-2534
Bambi Harmon	216-4540
Evita Shultz	242-0428
Linda Sims	314-2970
John Mayerik	243-8589

Board Meeting

The board will meet at Mel Bersch's house, 248 Little Park Road, at 7:00 pm on the Wednesday before the 2nd Thursday Cookie Meeting each month. All club members are welcome to attend. Hope to see you there.

Club Information

The Grand Junction Gem & Mineral Club, Inc. is affiliated with the American Federation of Mineralogical Societies, and the Rocky Mountain Federation of Mineralogical Societies. The club is located at 2328 Monument Road Grand Junction, CO, mailing address: P. O. Box 953, Grand Junction, CO 81502 The Club is a nonprofit, 501(c)3 tax-exempt, educational organization. Our purpose shall be exclusively educational and social: To increase and disseminate knowledge of the earth sciences pertaining to minerals, gems, rocks, artifacts, fossils and similar subjects; To promote and perpetuate knowledge of the lapidary arts; To encourage field trips; To encourage greater public interest and education in gems, fossils and minerals, cooperating with established institutions in such matters. The Grand Junction Gem and Mineral Club meets on the second and fourth Thursday of each month at 6:30 pm in our club building. June, July, and August meetings will be on the fourth Thursday only. November and December meetings will be on the second Thursday only. Our Annual Show is Mother's Day Weekend and is held at Two Rivers Convention Center at 159 Main St, Grand Junction, CO 81501. Classes and workshops are offered throughout the year and are announced in the newsletter.

The Facetors Group

The Facetors Group meets at the clubhouse on the 3rd Saturday of each month at 9:30 am. They have a Project of the Month and a People's Choice. They also have teachers available for one-on-one classes. Contact Connie Duncan at 244-2984 for information about the group or classes.

The Grand Valley Gold Prospectors Group

The Grand Valley Gold Prospectors Group is now part of the Gem and Mineral club. They will meet each month at the clubhouse at 7:00 pm on the 2nd Tuesday. Everyone is welcome to attend the group. P.O. Box 1357 Grand Junction, CO 81501. Laura Adamson pres., 260-6375; Robert Hubbard vice pres., 254-1449; Chuck Shepard Secretary, 270-5807

The Mineral Group

The Mineral Group meets at the Bersch's, 248 Little Park Rd, at 6:30, on the Friday after the 4th Thursday's Club Meeting and is open to all club members and guests. A potluck will be followed by discussion and microscopic images of various minerals. Please bring up to 5 specimens, and/or other minerals you wish to look at for the discussion.

New Members

Welcome to the Grand Junction Gem and Mineral Club. Include your email address when you register to receive newsletters and updates. Check out the website for past newsletters and general information. Order a vest made to your size from Linda Sims for \$20.00 and a name Tag from Melinda Hanson for \$10.00. Be sure to sign up for some classes to learn how to use the machines in our shop so you can participate in open shop.

Dues

Our calendar year is January 1 - December 31. Dues are due by December 31 but must be in by January 30 for names to be included in the Club Directory. Please pay your dues at the meeting or send check made out to Grand Junction Gem and Mineral Club, P. O. Box 953 Grand Junction, CO 81502. Prospective members should attend one general meeting to obtain a membership application. Annual dues will be prorated after July 1st.

Adult Member - \$30.00 (18+), 2nd Adult, same household - \$10.00 Children under 18 years, same household - No Cost

Club Rules and Regulations

The notebook of rules and regulations is available on the front table at all meetings for members to read.

Gem and Mineral Classes

Most classes are 6 weeks. Member's cost \$30.00. Non-member's cost is \$60.00. The cost of the classes is based on 6 weeks and prorated when the class is shorter. Please contact instructors to sign up for classes.

Class	Instructor	Phone	Open Shop
Beading	Tiny Blasdal	858-7975	Shop Chairman: Thom Ericson 623-2522
Chain Making	Cindy Teare	462-6806	Shop Supervisors:
Faceting	Connie Duncan	244-2984	Wednesday: 12-3 Thom Ericson 623-2522
Filigree	Pam Bersch	242-3134	Saturday: 9-12 Scott Pugsley 972-953-7735
Intarsia	Jim Lynch	361-2123	Previous instruction in use of equipment is required
Lapidary	Jim Schultz	242-0428	before using any tools or machines in the shop.
Lapidary	Mike Burritt	260-3897	Sign in each time you use the shop.
Silversmith	JoAnn Piburn	245-1669	Help with the clean-up before leaving.
Silversmith	Wayne McMacken	208-2534	Shop fee is \$5.00/session.
Wire Weaving	JoAnn Piburn	245-1669	Slab saw \$.26 per square inch.
Wire Wrap			Always—Safety First

The Leaverite News

The Leaverite News is your newsletter. Articles, ideas and news should come from the club members. If you are an officer, director, or committee chair person you should plan to submit monthly updates by the 15th of each month. News should be emailed to leaveriteneews@gmail.com or contact Lorrie Wallace (250-1122 or JoAnn Whalen (424-2007, 554 Casa Rio Ct., Grand Junction, CO, 81507. *Leaverite News is published nine months of the year (Sept-May by the Grand Junction Gem and Mineral Club, Inc. Articles printed in this newsletter are the experiences and/or opinions of the individuals submitting them. They do not necessarily reflect the views or opinions of the Grand Junction Gem and Mineral Club, nor of the editors. Articles written without a byline are written by the editor. We are not responsible for authenticity, safety, or reliability of publications. All articles/photos are included in accordance to fair use for research and education. Caution and safety should always be practiced when trying out any new idea, venture or exploration in the field. We request corrections and/or additions to articles.*

Grand Junction Gem and Mineral Website

Our website, www.grandjunctionrockclub.org, has meeting information, Leaverite Newsletter, Classes, Field Trips, & Photo Gallery. Send information to John Mayerik; 243-8589; email Grandjunctionrockclub@gmail.com

Meetup

Meetups are neighbors getting together to learn something, do something, share something. The Club is registered at the Grand Junction Meetup. Go to http://www.meetup.com/cities/us/co/grand_junction/ to register or for information or call Jim Schultz at 242-0428.

Summary of Minutes of the Gem and Mineral Club

Board Meeting

May 10, 2017

Old Business:

June 8 will be a club auction in addition to cookie night.

Building Fund: The members have contributed \$613 toward the \$1000 challenge.

Pat Martinez will inventory physical assets.

New Business:

Upcoming Show: Jim Schultz has seen a lot of advertising about the show. Thanks to Scott Warren for all his efforts!! It will be determined if this advertising results in an increase in attendance.

Classes: We need instructors for silversmithing and wire weaving. Cindy Tear may offer a silversmithing class on June 4th. The two filigree classes went well.

Presentations: A laptop computer, dedicated to the overhead projector is needed.

Web Site: Jim Schultz will look into an update of our web site.

Submitted by Anita Martinez, co-secretary



Official minutes are posted at the club.

General Meetings

May 25, 2017

Old Business:

June 8th - Cookie night will be a Rock Auction for members only.

Field Trips: chaired by Wayne Sims

June 18th meet at the Fruita Visitor Center 8:00am. Site is west of Green River UT near I70 at Exit 147. You'll be looking for agates, petrified wood, and jasper nodules.

June 24th explore gold claim near mile marker 103 in Gateway CO. Call Laura Adamson (970) 260-6375 for more information.

July 22nd Portland Mine dump, Ouray CO

d. July 28th to Aug 4th Wiggins Fork River WY petrified wood. The group will meet at the Big Sandy Reservoir or Lander WY. More information will be provided at a later date. This field trip is led by Don and Sue Smith.

Aug 12th to 13th Buena Vista show

Aug 14th Hartville CO: blue barite

The Colorado Mineral Society will meet this weekend to camp and collect rocks at the grape agate site and Yellowcat. Wayne Sims can provide the phone number for them.

Classes: Cindy Teare will teach a silversmithing class in June. JoAnn Piburn will also teach a silversmithing class beginning June 14th or 21st. Thom Ericson will teach Advanced Lapidary beginning June 30th.

New Business:

June 22nd is the annual barbeque/potluck. The Club will provide the meat and condiments.

We will meet in July and August for potlucks only. There will be no cookie nights.

Submitted by Anita Martinez (secretary)

June 22, 2017

Old Business:

Matching fund jar: WE MET THE \$1000.00 FUNDRAISER GOAL!!!

Building Fund: In anticipation of our new building a property survey will be done soon.

New Business:

Our club is sponsoring a Petrified wood seminar with Walt Wright, a world-renowned specialist.

A thank you went out to Judy Mason for repairing our club banner.

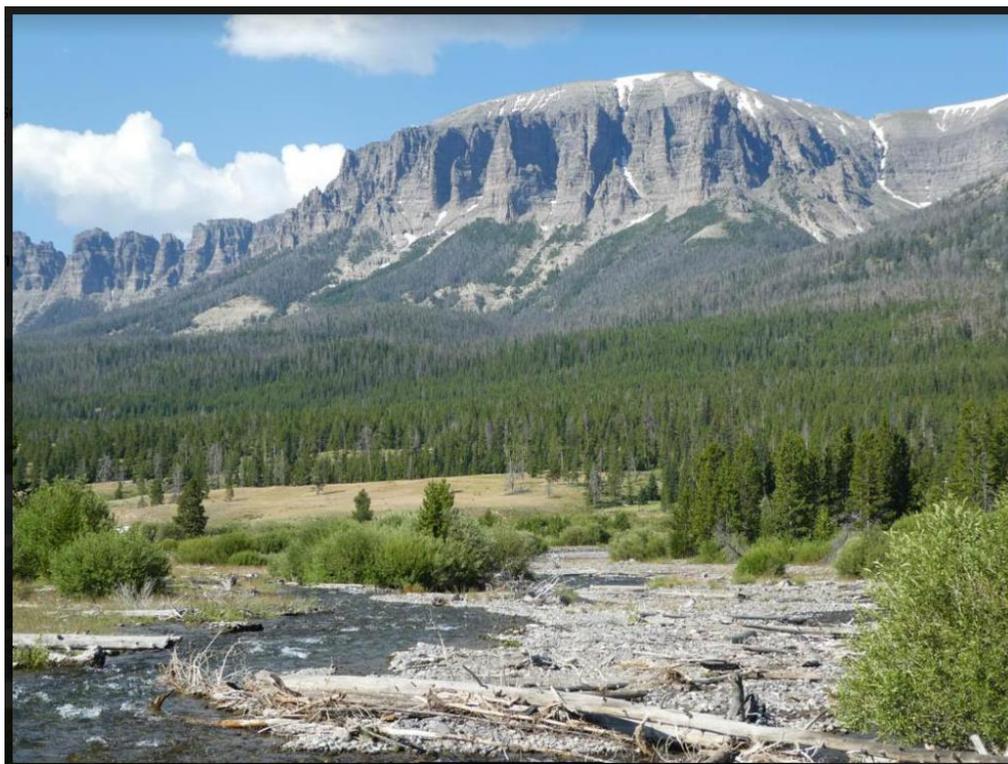
Continued..... Great Field Trips and Collections!

























Thanks for the beautiful pictures!

