

Jade State News

Wyoming State Mineral & Gem Society, Inc.

Award Winning WSMGS Website: wsmgs.org

Volume 2019, Issue 1



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*The WSMGS conducts meetings
quarterly and as special events require*

Quartz & Rocks for Rockhounds

Rockhounds often seek out rocks that have “agatized” meaning rocks made up of quartz, few of which are true agates. Quartz is sought after by rockhounds because of its hardness and its ability to be worked by cutting and polishing. The various forms of quartz make up the largest and most common group of lapidary materials.

Quartz minerals are formed by the dissolving and redeposition of silica within other pre-existing rocks. Diatoms and other small sea creatures may have provided the silica available to form quartz within Wyoming’s Paleozoic limestones. Whereas, the great quantities of silica found in Tertiary volcanic debris are likely sources for silica contributing to the development of many of Wyoming’s agates, petrified woods, and jaspers.

Impurities and trace elements that are incorporated or included within the original silica solutions or the absorption of impurities after the quartz material has been formed are responsible for the vari-

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ous colors and inclusions that form the different types of quartz. Quartz occurs in more variety, colors, crystal forms and environments than any other mineral.

Not all of the varieties of quartz may be found in Wyoming but the following classifications & descriptions will motivate rockhounds to search, swap, and purchase all of the varieties of quartz to complete their collections.

CLASSIFICATION OF QUARTZ

A. Crystalline Quartz (macrocrystalline)—occurs as visible crystals with vitreous shiny luster. Macrocrystalline quartz when exposed to concentrated light is usually transparent to translucent unless the light is affected by impurities or inclusions.

Varieties of Crystalline Quartz:

may be found in geodes, vugs, or faults-fractures-joints.

Amethyst: purple variety of quartz

Amethyst Quartz: Mixture of amethyst and milky quartz

Aventurine: translucent to opaque, massive quartz containing small foreign mineral inclusions creating a glistening effect. Color usually green but may be orange, brown, or yellow

Citrine: yellow, orange-brown, or reddish brown

Milky Quartz: white, translucent to opaque

Quartz Crystal: colorless, transparent with well developed crystals

Rose Quartz: pink color, massive

Rutilated Quartz: transparent quartz with golden yellow needle-like Rutile inclusions

Smoky Quartz: black or dark brown (smoky) quartz

Tourmalinated Quartz: transparent quartz with black or dark green tourmaline inclusions

B. Chalcedony: (cryptocrystalline) crystals not visible with normal magnification & not shiny unless polished. Cryptocrystalline quartz in its pure form is transparent when exposed to concentrated light. When a small amount of impurities or foreign materials are added, the color of the cryptocrystalline quartz changes and its ability to transmit light decreases creating semitransparent to translucent varieties.

Varieties of Chalcedony Quartz :

Agate: banded / patterned / multi-colored layers within chalcedony quartz

Bloodstone: dark green dotted with small red blood-like spots

Carnelian: transparent to translucent, reddish color

Common Chalcedony: waxy luster, nodular or massive form, white or lightly colored

Chrysoprase: apple green in color

Geode: a hollow rock with agate around quartz or chalcedony

Prase: translucent, light green to light grayish green color

Sard: brownish and brownish red, transparent to translucent

C. Sedimentary Quartz (microcrystalline) crystals only visible with high magnification & not shiny unless polished. Geologists classify chert, flint and jasper as varieties of sedimentary rocks based on how they were deposited and are not varieties of the mineral chalcedony. Chert, flint, and jasper are all chemically similar, in that they all are composed almost entirely of silica (quartz); but have been given different names based on the coloration caused by impurities and how they were formed and deposited. Chert, flint,

Quartz & Rocks for Rockhounds continued from page 2

and jasper, contain enough impurities and foreign material to render them opaque = with concentrated light no light passes through the material.

Varieties of Sedimentary Quartz:

Chert: opaque, massive, granular, uniformly colored, dull, light colors: tan, brown, white, gray, or green. Chert is usually of biological origin, being the petrified remains of siliceous ooze with limited organic matter. This biogenic sediment covered large areas of the deep ocean floor, and also may contain the silicon skeletal remains of microfossils.

Flint: opaque, massive, granular, uniformly dark brown, gray to black colored with a waxy appearance. Flint and chert are identical except that flint forms in chalk or fine grained limestone (carbonates) that are rich in organic matter and reduced iron which allows silica to replace the carbonate and form dark colored flint. Flint is often times found with a white chalk or limestone coating that represents the original carbonate.

Jasper: opaque, massive, granular, uniformly dark colored: red, yellow, orange, brown, or green. Jasper is also chemically identical to chert and only varies in color as a result of trace elements that are present in the rock as iron that is oxidized or reduced to form darker colors.

D. Chalcedony Pseudomorph: foriginal organic/inorganic material replaced by chalcedony quartz

Varieties of Chalcedony Pseudomorphs:

Petrified Wood: formed by chalcedony dissolved in groundwater that replaces or duplicates original patterns of wood

Petrified Bone: formed by chalcedony dissolved in groundwater that replaces or duplicates original patterns of bone

Limb-cast: formed as chalcedony filis and replaces the external form of cavities created by the decay of plant roots, limbs and stems

Opal: chalcedony combines with water found in the cavities left by decayed organic materials.

Tiger Eye: chalcedony replaces fibrous asbestos

Rockhounds through ancient times searched for quartz based materials to fashion their tools, weapons, and jewelry. In addition to the above referenced minerals, they also utilized silicate rich rocks such as metamorphic quartzite and igneous rhyolites, basalts, and obsidian. We present day rockhounds do not search out minerals and rocks for our survival but it is a lifelong hobby that keeps us moving.

Adapted References Utilized by Stan Strike:

1. https://flexiblelearning.auckland.ac.nz/rocks_minerals/rocks/chert.html
2. <https://en.wikipedia.org/wiki/Chert>
3. <https://www.mindat.org/forum.php?read,7,207246,208514>
4. <https://www.mindat.org/mesg-7-245968.html>
5. <https://rocktumbler.com/blog/what-is-agate-jasper-chalcedony/>
6. Quartz for Rockhounds-Stan Strike, WSMGS JSN, November 2016



WSMGS BOARD INFORMATION & UPDATES

I. Electronic Meeting Instructions to Board Members:

As a WSMGS Board Member, I would ask you to read this Electronic Meeting email and VOTE on all Action Items by selecting "Reply All" after Typing your name and indicating a "Agree or Disagree" vote for each numbered Action Item. The Deadline for your responses by "Reply All" email will be Tuesday January 29, 2019. If you have questions about any item please call or text me at 307-260-6442 or pres@wsmsg.org Board members are encouraged to submit old or new business items that have not been included in this meeting and a special attachment will be sent out for the entire WSMGS Board's consideration. To commit just click

II. President's Report by Jim Gray:

- A. Two new rock clubs joining WSMGS they are Northeast Wyoming Rock Hounds (Gillette, WY) and Fossil Basin Mineralogical Society, (Kemmerer, WY).
- B. Congratulations to the Cody 59'ers for hosting the 2019 WSMGS show in Cody June 21, 22, and 23. If any club is would like to be a dealer or have anyone that wants to be demonstrator, speaker, please let Nella Flurkey show chairwoman know. Email address is flurkey@hotmail.com. Hope that all of the Wyoming clubs come out to support a great organization. WSMGS and Cody 59er's and all the dealer that travel to make a show a success.
- C. Still have a larger cargo trailer fund for any clubs that would like to help WSMGS purchase a larger trailer for all the WSMGS goodies. I would like to have painted on each side WSMGS on the top and each Rock club list below, that donate to the trailer fund would be good advertisement for the clubs.
- D. A reminder that all WSMGS dues are due in full by DECEMBER 15th every year. Forms are sent out to each club in October.
- E. Annual reports are due to Historian, (Rod Baltes), monthly or end of December. Also please send pictures of club activities, monthly club minutes and outings.
- F. WSMGS webpage needs to be updated to current contacts.
- G. January 1st to May 15th- Form 990N must be electronically submitted to the IRS (The Registered agent for each club should receive this form from the IRS in advance of the deadline). Clubs may contact the IRS directly by email: la2.alt.www4.irs.gov/pub/rup_login_1
- H. Deadline for Annual Report to WY Sec. of State Varies by WSMGS Club-Deadline for renewal of "Non Profit Corporation Annual Report" varies by club and is due the 1st day of the month in which the club was first recognized by the Wyoming Secretary of State as a Non Profit Corporation. (The Registered Agent for your club should receive this form in advance of the club's deadline

WSMGS Clubs' Incorporation Dates:

Cheyenne Mineral & Gem Society	December 2, 1969
Cody 59ers Rock Club	February 1, 2012
Natrona County Rock Hounds	April 15, 1954
Rex Young Rock Club	??
Riverton Mineral & Gem Society	August 17, 2012
Shoshone Rock Club	February 8, 1962
Sublette County Rock Hounds	March, 21, 2018
Northeast Wyoming Rock Hounds	November 18, 2018
Fossil Basin Mineralogical Society	June 2018
WSMGS Board Incorporated	November 23, 1964]

WSMGS BOARD INFORMATION & UPDATES continued from page 4

I. If anyone has ideas on getting more members to join clubs and be actively involved please let me know, We need to help some of the clubs gain new members.

III. Secretary's Report By Leane Gray: These Electronic Minutes for the January 2016

WSMGS Board Meeting will be published in the February 2019 Jade State News and will include the results of all required voting on Action Items by WSMGS Board members.

IV. Treasurer's Report by Stan Strike:

WSMGS ANNUAL FINANCIAL REPORT-WY Comm.Bank

EXPENSES

Ck #	Date Written	Bank Date	Check Written To:	Check Amount
1134	5/16/18 5/23/18		WY STATE 4-H FOUND.-STATE FAIR GEOLOGY WINNER	\$50.00
1135	5/24/18 6/4/18		JENNIFER FLOWERS-MAY JADE STATE NEWS	\$75.00
DEBIT	5/23/18 5/23/18		CODY WALMART-ROY CERTIFICATES & FRAMES	\$30.29
1136	5/23/18 6/4/18		WDGMS-RMFMS CONV. FEES:RMFMS WY State Director	\$43.00
1137	5/29/18 5/31/18		ART,SAND,& STEEL-2018 STATE ROY ENGRAVING	\$52.50
1138	5/29/18 6/11/18		BLUE & GOLD AWARDS-ENGRAVING 2018 ROY AWARD	\$8.40
1139	6/14/18 6/21/18		JENNIFER FLOWERS-WSMGS ANNUAL Mtg TRAVEL	\$150.00
1140	6/14/18 6/18/18		ROD BALTES-WSMGS ANNUAL MEETING TRAVEL	\$150.00
1141	6/14/18 VOIDED		JIM GRAY cashed Stan Strike's check & bank refused 2 PARTY CHECK	**\$150.00**
1142	6/14/18 7/5/18		FOSSIL COUNTRY FRONTIER MUSEUM-ANNUAL museum AWARD	\$100.00
DEBIT	7/19/18 7/20/18		THE NEST HOTEL-2 NIGHTS for RMFMS MEETINGS RAPID CITY	\$283.40
1143	7/21/18 8/1/18		JIM GRAY-PAYMENT FOR VOIDED CHECK # 1141	\$150.00
1144	8/11/18 8/22/18		Stan Strike:total gas cost RMFMS convention Rapid City	\$64.27
DEPOSIT			WSMGS-Sublette County 2018 State Show 20% Proceeds	
DEBIT	8/30/18	8/31/18	iPage-3 year renewal of wsmgs.org domain name	\$50.97
1145	24-Aug	8/27/18	Jennifer Flowers-August 2018 Jade State News	\$75.00
DEBIT	9/24/18	9/26/18	WY Sec.of State-renewal . Annual Report	\$27.00
1146	10/29/18	11/1/18	Park County Treasurer-Trailer Registration Renewal	\$51.27
1147	11/16/18	11/26/18	RMFMS-WSMGS Board Dues & Insurance	\$12.60
1148	11/19/18	12/6/18	Jennifer Flowers-Nov. 2018 JSN	\$75.00
1149	12/2/18	12/4/18	The Ivy 8th Street-Marlene Sibley's Gift Certificate	\$50.00

Balance Carried Forward: Date = 5/1/18 \$ Amount = \$2,594.83

INCOME

Check #	Check From:	Written	Deposited	Amount	Balance
1638	Riverton M&G	11/23/18	12/10/18	\$198.00	\$2,226.90
1400	Shoshone RC	11/14/18	12/10/18	\$63.00	\$2,289.90
152	Sublette Co. RH	10/31/18	12/10/18	\$295.50	\$2,585.40
154	Sublette-Trailer Donation	11/14/18	12/10/18	\$500.00	\$3,085.40
1639	Riverton-JSN Donation	11/26/18	2/10/18	\$100.00	\$3,185.40
1329	Cheyenne M&G	10/21/18	12/10/18	\$154.50	\$3,339.90
5295	Cody 59ers RC	11/24/18	12/10/18	\$121.50	\$3,461.40

WSMGS BOARD INFORMATION & UPDATES continued from page 5

1021	Rex Young Rock club	11/21/18	12/10/18	\$31.50	\$3,492.91
P.O. #	Fossil Basin Min. Society	12/27/18	1/22/19	\$12.00	\$3,504.91
97	NE WY Rockhounds	1/3/19	1/22/19	\$57.00	\$3,561.91
2511	Natrona Co. Rockhounds	1/15/19	1/22/19	\$60.00	\$3,621.91

BANK BALANCES:

5/31/18	\$2,335.64
6/30/18	\$2,035.64
7/31/18	\$1,652.24
8/31/18	\$2,244.78
9/30/18	\$2,217.78
10/31/18	\$2,217.78
11/30/18	\$2,153.91
12/31/18	\$3,492.91

V. Vice President's Report by Linda Richendifer:

A. WSMGS affiliated rock clubs need to submit their Annual Election of Officers Report as soon as club officers are determined for the new year. The WSMGS Vice President will update the Annual WSMGS Club Directory and it will be sent to the email contacts in each club. This WSMGS Club Directory is for WSMGS affiliated club use only and IS NOT FOR PUBLIC DISSEMINATION. The WSMGS makes every effort to protect the personal information of its members via the use of Alias Email Addresses for each WSMGS affiliated Club and the WSMGS officers.

B. Mrs. Richendifer submitted the following summary of the membership and officers reports to the Board:

2019 WSMGS AFFILIATED CLUB MEMBERSHIP

CLUB	TOTAL	ADULTS	JUNIORS	PEBBLE PUPS	LIFE/HONORARY
CASPER-NATRONA	47	40	0	1	6
CODY-59ERS RC	99	79	2	14	4
CHEYENNE-M&GS	103	90	0	0	13
GILLETTE-NE WY RH	41	32	6	3	0
KEMMERER-FOSSIL BASIN	8	0	0	0	8
MARBLETON-SUBLETTE	248	179	18	7	4
POWELL-SHOSHONE RC	48	42	0	0	6
RIVERTON- M&GS	146	128	4	0	14
TORRINGTON-REX YOUNG	21	21	0	0	0
	714	579	30	64	41

VI. Historian Report by Rod Baltes:

A. December 15th to January 15th- WSMGS Club Annual Report and or Club Minutes to current Historian: Rod Baltes at 41 Y Road-Riverton, WY 82501 or hist@wsmsg.org

B. Re: 2018 WSMGS Annual Club Report

C. If you haven't sent me your annual club report yet please do ASAP as they are due.

WSMGS BOARD INFORMATION & UPDATES continued from page 6

- D. Thanks to Sublette County and the Cody '59ers for getting their reports in already.
- E. I need monthly meeting minutes & any activities your club did.

VII. Jade State Newsletter by Jennifer Flowers:

- A. Clubs are encouraged to submit news items, abbreviated minutes, and photos for publication in the Jade State News. Submission dates to Jade News Editor [jsn@wsmsg.org] are the 1st of February, May, August, and November.
- B. The WSMGS would like to encourage clubs to nominate [non-club members] individuals/couples from your region who have been active in promoting the Earth Sciences to be recognized by receiving recognition in the Jade State News as Wyoming Rockstars! Check out former winner writeups on the WSMGS website: wsmsg.org-Menu-WSMGS Topic Library-WSMGS Awards.

VIII. WSMGS Website by Marlene Sibley:

- A. WSMGS will not renew an older, unused website address: wygemandmineralsociety.org which Expires March 4, 2018. WSMGS will have only one web address after that date: wsmsg.org
- B. The WSMGS needs Action Photos from each of your clubs. Please include the photographer's name for proper photo credit and a short caption summary as to activity. Send photos to: webmaster@wsmsg.org

IX. Old Business:

- A. The Board approved the acceptance of Northeast Wyoming Rock Hounds of Gillette as a member of the WSMGS.
- B. The Board approved the acceptance of Fossil Basin Mineralogical Society of Kemmerer as a member of the WSMGS.
- C. The Board voted to award the Cody 59ers the opportunity to host the annual WSMGS show in 2019.
- D. Following Board approval, information was sent to the Clubs to encourage members to send their comments to the BLM regarding their proposal to reopen lands in southern Utah to hobby collecting.

X. New Business:

XI. MEETING ADJOURNED- JANUARY 29, 2019



WSMGS Alias Email Addresses

The WSMGS makes every effort to protect the personal information of its members via the use of Alias Email Addresses for each WSMGS affiliated Club and the WSMGS officers.

Please note that each club has been assigned an "Alias Email Address" and the individuals in each club who are identified as Club Contacts. As these alias emails are used only the contacts in the club will receive the message. **It is the club contacts responsibility to share the included information with the appropriate persons in their respective clubs.**

WSMGS WEBSITE ALIAS ADDRESSES :

Inf@wsmgs.org
 publicity@wsmgs.org
 webmaster@wsmgs.org

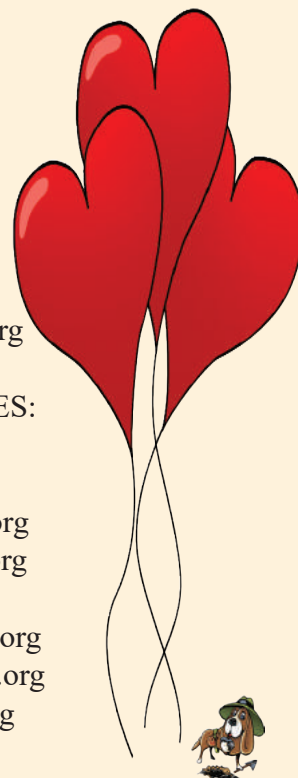


WSMGS BOARD ALIAS ADDRESSES:

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 hist@wsmgs.org
 jsn@wsmgs.org
 wydir@wsmgs.org
 wyplac@wsmgs.org
 Wysterockshow@wsmgs.org

WSMGS CLUB ADDRESSES:

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 shoshonerockclub@wsmgs.org
 cheyennemgs@wsmgs.org
 natronarockhounds@wsmgs.org
 subletterockhounds@wsmgs.org
 newyrockhounds@wsmgs.org
 fossilbasinms@wsmgs.org



WSMGS Welcomes 2 New Clubs

The Wyoming State Mineral and Gem Society Board has approved the applications for an affiliated membership to the WSMGS for two Wyoming Rock clubs-the Northeast Wyoming Rock Hounds and the Fossil Basin Mineralogical Society. A special thanks to our WSMGS President-Jim Gray for facilitating the formation of both of these new clubs.

1-The Northeast Wyoming Rock Hounds organized on September 25, 1917 and was approved as a Wyoming nonprofit corporation on November 8, 2018. The club presently meets only on odd numbered months in Gillette but plans to also move their meetings to Sheridan and douflas to accommodate members in these locations. For the current meeting times and location contact the club officers using their club alias email address: newyrockhounds@wsmgs.org.

A special acknowledgement to their club president - Jeff Hulings for initiating the formation of this club and his accompanying officers for their service to the club-thanks to Dennis Brown, Vennessa Grove, and Beth Raab! This club has organized two annual Rock swaps in Gillette and the accompanying photos illustrate the success of these events.



WSMGS Welcomes 2 New Clubs continued from page 8

2. The Fossil Basin Mineralogical Society organized in March of 2018 and registered with the Wyoming Secretary of State as a nonprofit corporation in June 2018. Their club has also completed their Articles of Incorporation and Club By Laws. A special thank you to President Don Stewart for providing the leadership to organize this new club and to the following new officers who are serving to support this club:

Hellen Potter, Sue Giorgis, and Walter Henderson. For fossil or live fishing you may want to contact this club via their alias email: fossilbasinmg@wsmsg.org!!



Topic: How To Sand And Polish A Slab Or Geode Half Quickly

Authored by bobspremiumcabochons.com

<https://gemstone.smfforfree4.com/index.php/topic,2190.msg14792.html> - msg14792

Here is my method of sanding and polishing slabs and geode halves in just a few minutes. It involves sanding with a dry silicon carbide 8" by 3" belt on an expanding drum. I used the 100 grit on this demonstration slab because the saw marks were so deep. On most slabs with smooth saw cuts I use a well worn 220 grit. On the backs of larger cabs, I use the 220 grit. For smaller cabs (1"), I use a 400 grit. I never sand dry on the girdle of the cab or on the rounded edges of the dome. It will definitely burn the cab as evidenced by white spots on the surface. If you are working a thicker slab (this one was 3/16" thick) or a geode half you can do the sanding steps faster because there is more mass to the piece and it won't heat up as fast or require more time to cool the slab when it overheats.

I have used this same method with a 400 grit belt to do obsidian. It works great with obsidian flats. One problem occurs if you sand on the edge



Topic: How To Sand And Polish A Slab Or Geode Half Quickly

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closest to you. The edge chips and the chips get drug across the slab and cause scratches. That is why I always sand on the lower half away from you. Any chips that occur are drug away from the surface being sanded. Obsidian is not heat sensitive like most agates are.

Here is a photo of the slab that I will demonstrate on. I will intentionally leave one end of the slab in its original condition as a comparison. It is a Brazilian Agate and the saw marks are very rough and rather deep. (See Photo 1)



Photo 2

(Photo 2) is of the 100 grit belt that has moderate wear to begin with. When you feel of the grit surface you can feel the grits rather easily but they are not sharp. Because the sanding is done dry you must use a high quality dust mask. I use these N95 rated masks that can be purchased at most hardware or paint stores. **Breathing crystalline silica dust can cause silicosis, which in severe cases can be disabling, or even fatal. As silica dust is breathed in and enters the lungs, it causes the formation of scar tissue which reduces the lungs' ability to take in oxygen. There is no cure for silicosis. Since silicosis affects lung function, it makes one more susceptible to lung infections like tuberculosis.**

I always sand only in one direction, parallel to the long direction of the slab. I sand a few strokes

(four or five) and feel the slab. If it has gotten hot enough that you can't comfortably touch it, stop and wipe it with a damp cloth to cool it down. Don't wet the belt because it will wash the rock



Photo 3

dust out of the belt. Your objective is to get a buildup of dust on the belt. Stop

Photo 3 is after 3 or 4 minutes of sanding. Photo 4 shows the finished sanding after only 12 minutes?

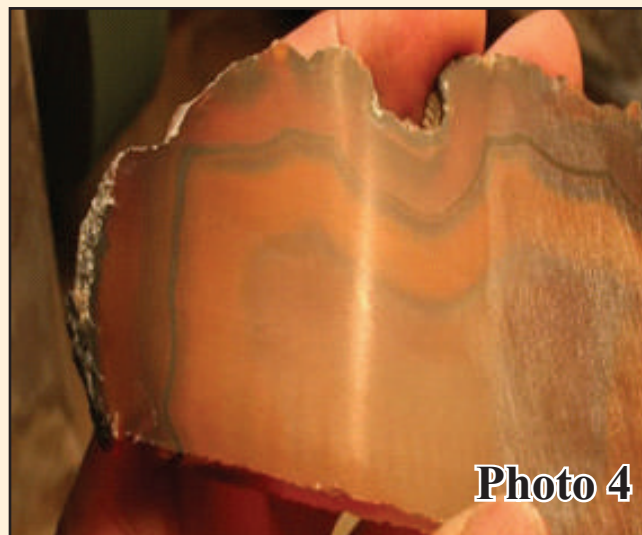


Photo 4

Topic: How To Sand And Polish A Slab Or Geode Half Quickly

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I look, using a concentrated light source, for any remaining diagonal saw marks (one of the reasons I always sand in only one direction, preferably across the saw marks) and for very shallow fine sanding marks. Turn it a couple directions to check for sanding marks. If there are no remaining sanding marks, the slab is ready to be polished.



Photo 5

Photo 5 shows how the sanding belt looks after the sanding process. More dust than when I started. The buildup of rock material on the sanding belt is what makes for increasingly finer sanding. If I wet the belt and wash the rock powder off, it goes back to leaving very noticeable sanding scratches until the powder builds up again. A new belt definitely leaves significant scratch marks until it is broken in.



Photo 6

Next I go to my 12" diameter, carpet covered wheel with Cerium Oxide paste. I have used a polishing wheel with elk hide, rough side out but I didn't like the fact that the elk hide seemed to be either too wet or too dry, not the semi wet/dry condition for ideal polishing with carpet.

I use the carpet wheel for nearly all my polishing activities. It has two main advantages:

1. The knap holds the polish embedded within it much better and longer than a leather hide will.
2. It holds the moisture for a much longer time than the elk hide, thus the ideal wet/dry condition maintains itself much longer-- sometimes up to 5 minutes or more before I have to respray the wheel with water. See Photo 6



From the WSMGS Historical Archives

WYOMING CONCLAVE

The annual convention of Wyoming mineral societies will be held October 18 and 19 at Thermopolis, reports C. S. Dietz, well known mineralogist of Cheyenne. The *Hot Springs County Mineral Society* will act as hosts to the state gathering. The 1940 meeting was held at Riverton.

A comprehensive program has been arranged for the two day session which will include discussions of the strategic minerals available in Wyoming. Numerous Wyoming mineral collections will be on exhibit. Visitors from other states are invited to attend.

DENVER CONCLAVE

The recent First Annual Convention of the *Rocky Mountain Federation of Mineralogical Societies*, held at Denver, proved a real success, with a registration of nearly 200 delegates and visitors. The next annual conclave will be held at Salt Lake City, with the *Mineralogical Society of Utah* acting as host. The date of the next gathering will be announced later.

Elected officers of the Federation include: President, Richard L. Pearl of Denver; vice-president, Arthur L. Flagg of Phoenix, Arizona, and secretary, M. Barrie Berryman of Salt Lake City. A set of by-laws similar to those of the other federations was adopted by the delegates. Of the nineteen or more earth science organizations in the Rocky Mountain district, over half are now an official part of the new federation.

Visitors to the conclave included every western state. Among the outstanding exhibits were the meteorites from the American Meteorite Laboratory of Denver; the T. H. Kleeman collection of fossil woods;

the Rawlings Rockhounds. Serving with her are George Fellows as vice-president and Mrs. Gail Willis, 818 13th St., Rawlings, Wyoming, secretary-treasurer.

The 1955 Wyoming State Convention will be held in Rawlings in conjunction with the 1955 Convention of the Rocky Mountain Federation of Mineral Societies with the Rawlings Rockhounds as hosts. The combined meeting is scheduled for June 1955 with the exact date to be set later.

Gems and Minerals, November 1958, #254, p. 80

Liberty, Ohio.

Wyoming State Meet Set for Riverton, June 19 thru 21

The 1959 Convention and Show of the Wyoming State Mineral and Gem Society will be held at Riverton, Wyo., June 19, 20 and 21, 1959. The Riverton Mineral and Gem Society, who will be host, has arranged for the Fremont County Fair Building for the show. The host also plans many special events and field trips. More information about this regional show can be obtained by writing to Mrs. Adam Wensky, Sect'y, 1017 East Loeb, Riverton, Wyoming.

Lapidary Journal, April 1968, V. 22, #1, p. 219

Subject: 1955 Wyoming Convention of Mineral and Gem Clubs

Wyoming Elects Mrs. Fellows
Gems & Minerals, August 1954, p. 26

Mrs. George Fellows was elected president of the Wyoming State Convention of Mineral and Gem Clubs at the meeting which was held in Casper Wyoming, June 3 to 5. Mrs. Fellows is a resident of Rawlings, Wyoming and a member of

LANDER WYOMING TO HOST STATE SHOW JUNE 19-21

June 19-21 will be a historic weekend in Wyoming. There are two days for the annual Wyoming State Mineral & Gem Show to be held by the Lander, Wyoming Club.

Members of the Lander Club of the Wyoming State Mineral & Gem Society are proud enough that the weekend is such a big day for the Lander Club and its members.

For two days, representing our own western state, and have displays and exhibits to our friends of our neighbors. This show would be intended to make a good show.

As address to the theme of the Lander Club will be about private collections of minerals and artifacts. There will be

highlighted by Lander Club and its members. Wyoming and its minerals. There are many more things to see than just the minerals. There are many more things to see than just the minerals.

There is a big show of minerals and gemstones. There are many more things to see than just the minerals.

All members are invited to the High School Gymnasium. There will be Friday, 10:00 a.m. to 5:00 p.m. Show 9:00 a.m. to 5:00 p.m. Saturday, 10:00 a.m. to 5:00 p.m.

More children in the Lander Club. There will be a big show of minerals and gemstones. There are many more things to see than just the minerals.



Club Reports

Cheyenne Gem & Mineral Society

November 10, 2018

Next Meeting – The next meeting for the Cheyenne Gem and Mineral Society will be November 14th starting at 7:00pm. Doors open around 6:30. Meetings are held at the IBOE on the corner of 7th and Fremont. Remember to bring something for show in tell. We always enjoy seeing what others have been finding. If you have a rock and don't know what it is, bring it and we'll try to identify it for you.

Our guest speaker will be Mike Schepker from Kimball Ne. Mike will be demonstrating Flint Knapping, the art of making arrowheads or other sharp tools using only rocks. He will have a display of some of the items he has made and may have items for sell.

Call for Action – Below is a message sent to Donna from Jim Gray, President of WSMGS Dear Regional Federation Presidents, You can help by distributing information on this issue to your clubs, by co-signing our comment letter or writing your own, and by suggesting that your member clubs consider co-signing our comment letter and that their members make individual comments. Time is of the essence, since the comment letter and supporting information needs to be reviewed by club officers and voted at their November board meetings, for responses to meet the deadline for submitting comments.

The BLM is proposing to reopen lands in southern Utah to hobby collecting, but they need to hear support from the public. They have solicited comments from interested individuals and organizations. Unfortunately, many conservation organizations are commenting against hobby rock collecting, and these organizations are asking their members to send comments against it. If rock hounds fail to speak up now in favor of hobby collecting, the BLM may have to abandon that part of their "preferred alternative" due to a preponderance of negative comments.

Please take a moment to review some back-

ground information (link below), and to read the draft comment letter (attached). http://www.sdmg.org/pdf/public-lands/flyer_2018_GSENM-KEPA.pdf Articles on the subject have appeared in newsletters of several California rock and gem clubs. For example see the San Diego M&GS website: http://www.sdmg.org/articles/201809/Public_Comment_Period_Open_on_Southern_Utah_monument.s.pdf

I can send you links to or copies of more articles if you are interested. I will be happy to answer any of your questions. The BLM is proposing to reopen to hobby rock and fossil collecting not only the land removed from the GSENM (the KEPA), but to allow hobby collecting within specific areas inside the (remaining) GSENM. This would be an important precedent, relevant to management of several recently declared monuments in California and existing monuments elsewhere. Thank You, Andrew Hoekstra 562-584-3190 ajhoekstra@yahoo.com Southern California Paleontological Society, VP Delvers Gem & Mineral Society, Editor and Treasurer CFMS, Public Lands Advisory Committee, Paleontological Specialist

May Show -With winter coming upon us it is a good time to sort out your rocks. The club is looking for rocks of all sizes to put in the kid's area at the show in May. This year there will be an area where the younger kids buy a bag and fill it with their favorite rocks. All types of rocks will work. If they are big, we may break it down to a smaller size.

Scholarships -By the time of the meeting, we will have the names of the two UW students that we will receive the scholarships. There are just a couple of details to work out with Professor Creadle to complete the process.

Christmas Party- The Christmas party will be held on Dec. 8th starting at 5:30pm. Once again, we will be using the Cheyenne Alliance Church, 5200 Ridge Rd. Turkey, ham, and drinks will be provided for by the club, so please bring

Club Reports continued from page 13

Cheyenne Gem & Mineral Society continued

a dish to share. Also remember to bring your own utensils. We will be doing a gift exchange again this year, so remember to bring that gift. It is always so much fun to see what everyone ends up with. We are going to try and set up early around 1pm so if you can help please contact Jan Shively at 1-307369-1565.

For Sale – QT12 –Lortone Tumbler Mid-sized 12 pound. Excellent Condition. New Retail is \$215.00. Asking \$175.00 obo.

Lortone Jewelry Buffer with Foot Pedal. It has a variable speed control to 5000 rpm, 1/4" taper spindles accepts up to 3" diameter buffs. Compact – base is 12.5" x 8.75" deep and 6.5" height. Still in the box. \$180 new. Asking \$150.00 obo Contact Cathy Spencer 701-426.3425 to see either or both.

The Cheyenne Mineral and Gem Society is a non-profit organization with the following goals:

- To promote and disseminate knowledge of the earth sciences, especially as they relate to mineralogy, lapidary and paleontology.
- To encourage the study, collecting and fashioning of minerals.
- To meet the goals through social meetings, lectures, programs, displays, shows, and field trips.

The Society has memberships in the following organizations:

American Federation of Mineralogical Societies (AFMS)

Rocky mountain Federation of Mineralogical Societies (RMRMS)

Wyoming State Mineral and Gem Society, Inc.

The Society meets on the second Wednesday of the month (except June, July, August and Christmas Party in December) at 7:00 P.M. at the International Brotherhood of Electrical Workers Local 415 810 Fremont Ave. Cheyenne, WY 82001

Society membership dues are \$10.00 for an individual membership and \$15.00 for a family. Club dues are due in January. Even if you joined mid-year, they are due in January. If you have a

change of phone number or will be changing your email address, please let Jan know so you can stay in the loop of what is going on with the club

From Donna Arnold:

Our 2018 Christmas party was a lot of fun, like always. There was plenty of delicious food to go around. We had about 30 club members and our special guests were Madison Davis and the parents of Heath Haggerty, because his is overseas studying for this semester. These two students are the recipients of our \$1000 monetary gift, which we raised at the May 2018 Rock Show's silent auction. As always they are Geology students at UW.

Here's hoping that everyone will have good health, great family and friends and find lots of special rocks. Rock Hounding can be done any time of the year so long as the weather is good. We have had some wind lately and it is always fun to see what shows up after the ground has been moved.

Our next meeting is January 9th at the IBEW Union Hall, 810 Fremont St. at 7pm.

With the beginning of a new year comes dues. Since the club runs on a calendar year, January to December, your dues are to be paid in January and it doesn't matter what time of year you joined.

Before you know it the May 2019 show will be here and we are in need of grab bags. Around 800 to be exact. We will have the pattern available at the meeting on Jan. 9th. If you have extra fabric, cotton is preferred, you can donate to the club or better yet, just cut out 7-14" rectangles and bring them to the next meeting in February.

The February 13th meeting is our club silent auction. We will have the forms available at the January meeting so you can have them filled out ahead of time. Please fill free to invite family and friends, even if they are not into rocks, because sometimes there are other items like jewelry that they might like.

From Jan Shively:

Club Reports continued from page 14

Cheyenne Gem & Mineral Society continued

New monthly fun item - "Find of the Month" Contest/program is as follows; Paul Gregg is in charge of this monthly program and makes the final decisions.

Bring in a rock/mineral that you found since the last meeting - MUST be found during the time period, in this case since the Christmas party on December 8th.

Everyone that attends can bring something. Each person will be given a toothpick or the (equivalent) to vote with, which they will put in the cup next to the items entered in the contest. Paul will count the toothpicks in each container, declare the winner and present a prize. In December 2019 a grand prize will be chosen from the monthly winners and receive a prize. Again, the attending members do the voting NOT the officers.

In February we will be having the club's silent auction so this month will be skipped BUT in March we will have two winners.

During the summer no meetings are held, so at the September meeting we will have 4 winner, one for June, July, August and September.

Please remember that this is a new part of our monthly meetings and as we work out the kinks we may have to make changes, hopefully always for the best.

Silent Auction:

February will be the club's Annual Silent Auction. Members bring in your rock related items to sell, the club does NOT extract a fee, you are paid every penny.

There will be forms and rules available at the

January meeting.

Sellers - PLEASE make sure you use our clubs form and that you sign up for a sellers number and that you use that number only. You can call or email Jan for a number.

Buyers- Please make sure you sign up for a buyers number and use only that when you are bidding. More information will be coming soon.

If you have something you would like to sell, give away etc. You can do it in our newsletter.

Send your information to the CMGS Newsletter at cheyennegem2017@hotmail.com

For Sale: Pictures available

Faceting Machine, Jersey Instruments Omni-E, we do have the paperwork.

The plates are from Crystalite Corp (crystallite.com) and Raytech Lapicary/ I identified them as follows:

1200 XFine Steel #5302410	valued at \$192.92
600 Fine #5302390	valued at \$184.01
Tin Lap x2 #31043	valued at \$333.93
260 Med #530350	valued at \$204.51
1200 Disc #50085 (Raytech)	valued at \$178.09

Contact Jan Shively, 509-953-0634, gidgetmon4@hotmail.com

We need volunteers through-out the year for many things, some of which are: Snacks for monthly meetings, it's not fair to expect one person to do it all the time; Grab bag sewing; February club silent auction; and of course, the rock show.

Also, we are looking for someone to help Cathy with the newsletter, that can attend meetings, do write ups and help when Cathy is out of town.

Cody 59ers Rock Club

October 26, 6:30 PM

24 members in attendance including 2 new members, Ted & Janet Lohrer.

Nella called the meeting to order and welcomed Ted & Janet Lohrer as new members.

She noted club dues of \$15 per adult member

need to be paid for those who haven't yet. These can be paid to Treasurer Roger Lyons at tonight's meeting. Roger will be sending out reminders to all those who haven't yet paid.

Nella also noted that the \$1 Raffle prize was a large piece of stalagmite/agate.

Club Reports continued from page 15

Cody 59ers Rock Club continued

Roger donated two lapidary machines to be sold to club members via auction tonight: one is a vibrating tumbler and the second was a cabochon spool polisher. Teresa acted as our auctioneer.

The tumbler quickly sold for \$25. The winning bidder was Nella Flurkey.

Roger then explained spool polisher and mentioned that belt was missing but all else was in great condition. Unfortunately, there were no bids on the cabochon polisher, so Roger will take it back.

Nella announced that there was a sign-up sheet out at the entry area desk for club T-shirts. She asked anyone interested to please sign up & pick their style & color choices. She needs to know the level of interest in order to get pricing. Once pricing is presented, club members will be able to place actual orders.

At this point Nella introduced our presentation for the evening. Bill & Elaine Tabacinski proceeded to give a wonderful PowerPoint presentation called 'Say it in Stone'. It was about the Inuit peoples' use of stacked stones to make a statement, give directions, express emotions, & memorialize events & people. These stones are called 'Inuk-suk'.

After the presentation Nella reminded members to buy raffle tickets, and to check out the silent auction.

Nella had new members, Janet & Ted, pick the winning ticket for the bagged rocks door prize – Elaine Tabacinski won the bagged rocks prize.

Nella then broke the meeting for refreshments.

At 7:45 the meeting came back to order with Roger reading last month's minutes. A motion to accept was made by Bill Tabacinski, seconded by Theresa.

Roger then read the Treasurer's report. Bill Tabacinski made a motion to accept as presented, seconded by Shea. The club's current funds total \$8802.84.

Nella thanked Wendy Fleig for leading two great field trips to Oregon Basin. Another one was

discussed, depending on the weather.

Nella then opened general discussion about hosting the state show. She looked into the venue possibilities in Cody. After much comparison, Cody Auditorium seemed the best value at a cost of \$975 total for the three day of the shows. Tables and chairs are extra.

Teresa suggested that perhaps vendor over-spill could set up in the parking lot. This was discussed briefly but security of the vendors' displays seemed like it would be a problem.

Nella recommended hosting the show June 21st, 22nd, 23rd 2019. This would put us in the least conflict with other area rock shows.

Nella said that during previous shows there was a grant available for advertising, through the Cody Travel Council. This would be available to apply for again this year. She also noted that invitations need to be made & sent right away & deposits need to go to the Cody auditorium shortly in order to hold the dates. Roger & Nella talked more about the previous show that Cody hosted in 2015. Nella noted that the 2015 show made us approximately \$5200 after all expenses. Vendors and the entry receipts combined make that money. Audrey suggested contacting Budweiser/Tanager Beverages to ask them to make signs for the show. They will do that for free for local events, providing their logo is used. Bill Tabacinski pointed out the importance of having speakers and field trips associated with the show. Nella reminded the members that she had sent out an email noting what committee chairs will be needed for the show. Although some people have gotten back to her about this, Nella would like to see many more responses. It was also noted that approximately 8-9 people are needed per day on the floor to run the show.

Bill T. asked if we should make a decision tonight about whether to host the show. Nella said yes. Laurie added that it was important to quickly book the venue as local auctions are often held in the Cody Auditorium in May and June.

Club Reports continued from page 16

Cody 59ers Rock Club continued

Bill Tabacinski then made a motion to hold the 2019 Wyoming Rock and Gem Society show here in Cody. John Severeide seconded the motion. This opened up the motion for discussion by the floor.

Bill and Rodger emphasized that members voting for this show hopefully will then be volunteering to help make this show a success. Doug asked if the silent auction was still going to be part of the show. Iris suggested continuing silent auction but maybe combining it with the club table. Some additional discussion was held about who would be putting up the tables.

Discussion then passed to how the Powell rock club will be compensated for their help. It was noted that in 2015 they received \$10.00 per hour per person that went directly into their rock club coffers. Wyoming Rock & Gem Society also receives 20% of the profit.

Ross amended Bill's motion that we should allocate \$600 to allow securing deposits and sending invitations prior to vendors' money's coming in. Iris seconded the motion. The amendment was brought up for a vote and passed unanimously.

The initial motion regarding hosting the 2019 show was then voted on. Based on 23 ayes, 1 nay, the motion was passed.

Nella brought up some old business: Having a sealed bid auction on some old equipment at Roger's shop. She will proceed with getting that prepared. Previous emails have described the equipment in question & the condition it is in. It can be seen at Roger's shop prior to a member submitting a bid if desired.

Elaine Tabacinski asked that we move on to officers' nominations. Nella said she would accept the nomination of President again if the club desired. Elaine nominated her for President, Iris seconded.

Roger did not want to be Treasurer again but would accept nomination as VP. Ross then

nominated him for VP, Teresa seconded. This still leaves the Treasurer's, the Secretary's, & the Historian's position open. Nominations for these positions should be presented at or before the November meeting.

Audrey then raised the question of if the club wanted to buy Bob Hedland's rocks from Roger. Roger explained where they came from, and that the club's inventory itself is getting low.

Roger suggested that a committee be formed to review the possibility of purchasing the rocks for the club's inventory either as a full lot or to offer them individually for sale to club members. The committee was formed of John Severeide, Doug and Iris Harbet. They will plan to visit Roger's shop, review the inventories, and make a suggestion to the club.

Nella brought up the Christmas party. She would like a committee to form to organize the party if the club desires one this year. Audrey and Nella volunteered to help. Laurie noted that Christmas party dates need to be set as soon as possible wherever our location is to be as party venues are getting full already. Iris made the motion to hold a Christmas party, Ross seconded. The motion was passed unanimously.

Nella made an additional motion for the club to pay for dessert. Iris seconded the motion. The motion was passed with 23 ayes and one nay. The club members agreed that the party last year at the golf club was enjoyable and it would be a good venue again for this coming year. The committee will try to have possible dates available for the club's vote by next meeting.

Final piece of business was the drawing for the Raffle prize-Shea picked the winning ticket for Rod Kindel who went home with a great stalagmite/agate piece.

Nella thanked Wendy Fleig for providing the refreshments, including a delicious fresh plum and pear salad.

The meeting was adjourned at 8:40.

Club Reports continued from page 17

Cody 59ers Rock Club continued

November 14, 2018

I. Call to order

President Nella Flurkey called the meeting to order at 6:30 PM at the EOC room of the Cody Courthouse.

II. Roll call

There were 21 members in attendance including two new members: Erica Shaw and Tonya Lara.

III. Open issues

- a) Two pieces of lysite were auctioned and bought by the Harbets
 - b) Members were reminded that Club T-shirts are being ordered. Price determined by volume sold. Some colors not available. See Nella.
 - c) Christmas Party: Motion by Bill Tab: "Christmas party will be at QTs on December 13th" Seconded. Motion passed unanimously. Party will be at 6:30 PM. Bring a \$10-\$15 gift if participating in the adult gift exchange or \$5 for kid's exchange. Wrapping is optional. Must sign up ahead of time for meal choice. Nella will send an email.
 - d) Membership cards are now available for Adult and Junior members. See Elaine Tab
 - e) Sealed bids for the slab saw and star grinder are due to Nella by December 1st.
 - f) Motion by Ross Gorman: "Support the Southern California Paleontological Society and sign their letter to BLM in support of rockhounding in the Grand Escalante National Monument". Seconded. Passed unanimously. BLM is opening the Grand Escalante NM to many previously restricted activities but not rockhounding. See attached.
 - g) Librarian Deb Severeide brought all the Club's library books. Books may be signed out by members and must be returned in good condition. Many were signed out at the meeting.
 - h) Member Ross Gorman's photos of bighorn sheep that were published in the WY Wild Sheep Foundation magazine were shown.
- "All you could take" (and pay for) rock grab bag

was followed by snacks provided by John and Deb Severeide and Lori Bevenger. "Bag O Rocks" doorprize won by Audrey Smith.

IV. Minutes and Treasurer's Report

Minutes of last meeting were approved. Balances in treasury were read. Club has a total of \$9336.55 in two accounts.

V. Old Business

a) State Rock and Mineral Show: June 21-23, 2019 at Cody Auditorium.

Wed, June 19th - afternoon set up for Club members

Thursday - set up for vendor – all days

Friday and Sat – show

Sun - 1/2 day show; afternoon - vendor take down

Mon - 1/2 day Club clean up in AM
Powell is doing food vending and potluck for vendors. Retail sales will be on main floor, food and state displays on stage and educational displays and kids events will be in "Club" room.

Discussion of other aspects of show ensued.

Motion by Bill Tab: "Theme of show will be "Wyoming Agates". Seconded. Passed unanimously.

VI. New Business

- a) Nomination of Officers: Audrey Smith was nominated for Treasurer by Elaine Tab. Iris Harbet, Bill Tab and Nella Flurkey spoke in favor of the nomination. There were no further nominations. Nella Flurkey was nominated for President and Rogen Lyons was nominated for Vice President at the October meeting. There were no nominees for Secretary or for Historian.
- b) Election of Officers: Bill Tab moved that "One white ballot be cast for the slate of candidates". Seconded. Passed unanimously.
- c) Rock Purchase: Audrey Smith moved that "the Club make an offer of \$2000 to Roger for the Headland rocks; contingent upon the Club passing this motion after a 21 day notice.. Voting must be by email." Motion seconded and passed.

Club Reports continued from page 18

Cody 59ers Rock Club continued

Roger was willing to accept this offer if approved by the membership. Rocks would be used for various Club activities and fund raising.

See attached for list of Hedland rocks in Roger's possession.

VII. Meeting adjourned at 8:30 PM

Roger rocks, est of volume and market value

Volume	value each	sub total
8 large petrified wood	\$100	\$800
8 big medium	\$75	\$600
20 medium	\$50	\$1,000
20 Sm soccer ball-basket ball size	\$25	\$500
misc. pieces , 10 or so	\$10	\$100
subtotal		\$3,000
pile of montana p. wood est 1000 lb	\$1	\$1,000
Miscellaneous rocks outside fence		\$50
3 boxes of tumblers, 200 ponds		\$100
Moss Agate (200 pounds maybe)		\$200
Stomatolite		\$50
P wood inside hose box, North fork		\$150
misc piegon blood agate, lysite,		
pryor mt agate, slate		\$50
Obsidian, couple hundred pounds		\$100
7 crates volcanic tu/, limestone,		
scoria other misc agate		\$250
white quartz		\$25
subtotal		\$1,975
GRAND TOTAL ROUGH		\$4,975

Information regarding

Rockhounding in the Grand Staircase:

An opportunity has arisen to impact rockhounding on public land in Utah that is currently closed to collecting. The BLM is now accepting public comments on the Travel Management Plan for Grand Staircase-Escalante National Monument and the Kanab-Escalante Planning Area.

The Southern California Paleontological Society has written a great comment letter that will be sent to BLM. As a rockhounding Club, we can

add our support to the letter. Also, individuals may comment by addressing a letter to

BLM Office,

669 S. HWY 89

Kanab, UT 84741

ATTN: Matt Betenson.

To comment electronically: <https://goo.gl/EHvhbc>

Comments are due by Nov 30.

To help the BLM properly consider and incorporate your feedback, please include a reference to a specific page or section of the Draft Environmental Statement/Draft RMP in your comment.

Opening and area in Utah to rockhounding may not seem important to us right here in Wyoming, but it helps set precedent for opening more areas in the future.

Thank you, Nella Flurkey

Letter has been approved by the WSMGS Board to be sent to all rock clubs in Wyoming.

Have a great day

Jim Gray President WSMGS

307-260-6442 pres@wsmsg.org.

Dear Regional Federation Presidents, You can help by distributing information on this issue to your clubs, by co-signing our comment letter or writing your own, and by suggesting that your member clubs consider co-signing our comment letter and that their members make individual comments. Time is of the essence, since the comment letter and supporting information needs to be reviewed by club officers and voted at their November board meetings, for responses to meet the deadline for submitting comments. The BLM is proposing to reopen lands in southern Utah to hobby collecting, but they need to hear support from the public. They have solicited comments from interested individuals and organizations. Unfortunately, many conservation organizations are commenting against hobby rock collecting, and these organizations are asking their members to send

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Cody 59ers Rock Club continued

comments against it. If rock hounds fail to speak up now in favor of hobby collecting, the BLM may have to abandon that part of their “preferred alternative” due to a preponderance of negative comments. Please take a moment to review some background information (link below), and to read the draft comment letter (attached). http://www.sdmg.org/pdf/public-lands/flyer_2018_GSENM-KEPA.pdf Articles on the subject have appeared in newsletters of several California rock and gem clubs. For example see the San Diego M&GS website:

http://www.sdmg.org/articles/201809/Public_Comment_Period_Open_on_Southern_Utah_monuments.pdf

I can send you links to or copies of more articles if you are interested. I will be happy to

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This would be an important precedent, relevant to management of several recently declared monuments in California and existing monuments elsewhere. Thank You,

Andrew Hoekstra 562-584-3190 ajhoekstra@yahoo.com Southern California Paleontological Society, VP Delvers Gem & Mineral Society, Editor and Treasurer CFMS, Public Lands Advisory Committee, Paleontological Specialist

Jim Gray

Cell (307)260-6442

jimgray@wyoming.com

Sublette County Rock Hounds Club

November 17, 2018

Jim Gray called the meeting to order at 1:05 pm at the Bench restaurant in Marbleton. There were 22 in attendance. Everyone should have received by email or mail the minutes from the last meeting in October.

Jim noted that the first set of 2,000 quarter-page flyers are made for the club show next June 14, 15, 16, 2019. They are ready for members to take and he will take them to Quartzsite, AZ January and February to distribute.

Roger has measured the show case example and come up with a list of supplies to make them at a cost of about \$230.00 each. They will be standard federation dimensions. Joan Balue made a motion to purchase supplies to build 6 at a cost of \$250.00 each as a guide. Nancy McKnight seconded the motion with the motion carrying. Jim asked that after we get the material list, if anyone has any material they would like to

donate please let him know ASAP. Will get everything cut and ready to assemble and will get them put together and finished for the June show.

To draw more people into the show next summer, Jim spoke to the quilt shop in Pinedale about displaying and selling quilts. Everyone was in agreement that this may draw in those of varied interests.

Jim, again noted that he welcomes all ideas for upcoming meetings and show themes for 2019 & 2020.

Brad Balue made a motion to give Jim the freedom to choose a grand door prize drawing prize while in Quartzsite with a \$350.00 limit. Roger McMannis seconded and the motion carried.

Jim gave the Treasurer's report for the month as Leane was not able to be at the meeting. Hard copies are available to club members who are interested. Jim also noted that the club gained two

Club Reports continued from page 20

Sublette County Rock Hounds Club continued

new members giving us 248 members with 56 being juniors and making us the largest club in the state currently.

SCRH has paid the yearly dues to the WSMGS and the RMFMS, and also has donated the \$500.00 to the WSMGS to get the trailer fund started for a larger cargo trailer for the WSMGS, check sent to the WSMGS Treasurer Stan Strike.

Jim wanted to again remind everyone going out rock hunting in the area to be mindful of the winter habitat restrictions in place as of November 15th 2018 and going until May 1st 2019. We will need to stay on the road and mostly this is effective west of highway 191 and closed west of highway 189. Check with the BLM office in Pinedale if in doubt as to what the limitations are.

DECEMBER'S meeting/Christmas potluck will be Dec. 15th at the Marbleton Town Hall at NOON. We will have another gift (rock) exchange and things for the kids to do along with a movie. There is a nearby room that the kids could play in but we will need to have an adult with them at all times. Jim asked the club if they wanted him to find a movie to show and everyone was good with that. Jim will email minutes and ask what you would like to bring for the potluck. Let's have an ugly sweater contest for the Christmas Pot luck, Whoever has the ugliest sweater will win a rock, may be the ugliest rock as a prize. DECORATING THE TRUCK FOR THE PARADE OF LIGHTS WILL BE AT 1:00pm IN JIM GRAY'S GARAGE ON DECEMBER 8. Come and help!

No Meetings will be held in January and February of 2019.

Our next meeting will be in March for the coming year and Jim will stay in contact as to what date and possible location as we are outgrowing The Bench dining room.

Jim made a motion to adjourn, seconded by Mike Schaffer. Jim introduced our speaker, Don Stuart, who is a coal analyst for Westmoreland

Coal Company, a member of the SCRH, and is founder of the Kemmerer Rock Club that meets in Triangle Park at 6:00 pm the 3rd Wednesday of each month. Don spoke on how mountains are formed and the geological history of Wyoming. Again, THANK YOU Don for coming and speaking.

The silent auction items were great, and Dawn Humes won the door prize donated by Jim and Leane Gray.

Respectfully submitted:

Jim Gray, President

Mike Schaffer, Vice President

Leane Gay, Treasurer

Debby Jess, Secretary

December 15, 2018

Jim Gray called our meeting to order at 1:05 pm at the Senior Center in Marbleton and wished everyone a Merry Christmas and a Happy New Year. There were 45 in attendance. Everyone should have received by email or mail the minutes from the last meeting in November.

Jim wanted everyone to remember that our next rock club meeting will not be until next March and that our meetings will now be held at the senior center in Marbleton or out in the field on rock hunts. Jim will be getting a calendar together for members and will email these as soon as they are available.

Our show in June will be the weekend of the 14th – 16th with the state show being in Cody the following weekend and encouraged members to plan to help with ours and to attend the state show. All the vendors who were at our last show are planning on being back this June.

Jim noted that the Treasurer's report for the month is available to any member wanting to see them. Hard copies are available to club members who are interested in having these for their files. Jim also noted that our club is now 260 members with 65 being juniors, making ours the largest

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Sublette County Rock Hounds Club continued

club in the state currently. For those folks just signing up as new members, the dues have been prorated to make it fair. He has begun writing up some by-laws for the club also. A member suggested collecting recipes from our members so that we could put together a club cookbook. If we have a good response, he was thinking it would be a good fundraiser for the club to sell at the show. Please send your recipe submissions to Jim by February 28, 2019.

Roger is working on gathering together what is needed for our showcases. We will be making these soon so contact Roger if you would be available to help.

No Meetings will be held in January and February of 2019.

Our next meeting will be in March for the coming year and the date will be the 23rd. Jim made a motion to adjourn, seconded by Kristi Glaze. Our silent auction items are available and bring the club good money. Thank you to all

those bringing items. A reminder that they don't always have to be rocks! Craig Jensen won the door prize knife donated by Roger McMannis. Willow Lucerl won the giant geode donated by Jim and Leane Gray.

We then had a great time eating all the wonderful food that everyone brought, playing our white elephant rock game and having the ugly Christmas sweater contest with a terrific "ugly" rock prize donated by Roger McMannis! See you all again next spring!

Jim and Leane made it to Quartzsite, first day it was 72 degrees at 11:00 just a little warmer than home.

Merry Christmas and a Happy New Year
to all of you from us.

Respectfully submitted:
Jim Gray, President,
Mike Schaffer, Vice President,
Leane Gay, Treasurer,
Debby Jess, Secretary

Northeast Wyoming Rockhounds

1/31/19

The Northeast Wyoming Rockhounds officially became a club in October 2018, by hosting our first official Rock Show in Gillette, WY. We have been having "show and tell" meetings and other "get-togethers since early 2017, along with hosting a Facebook page to start keeping interested rock hounds involved. Our area we cover is from the Big Horn Mts. to the South Dakota state line and from Montana south to the east-west I-25 corridor. We have members from Gillette, Sheridan, Buffalo, Sundance, New Castle, Douglas and other small Wyoming towns with even a couple from South Dakota and Nebraska joining in.

I also had started a dialog with Jim Gray, the WSMGS Club President who provided me with all the info to get the club started. I also had lots of conversations with many other Wyoming

Rockhounds thru the Facebook group "Wyoming Rockhounder". That group actually started back in 2013 with another Gillette Rockhound, Wade Wall. This allowed us to make plans for the future and do things "the right way" to get the club rolling.

With all the planning rolling and word getting out, we planned our "kick off event" in 2018 at our first official rock show. Our October 2018 show turned out to be way bigger than we every predicted where it was mostly standing room only with all the interested people and vendors showing up. At the show, we started passing out member information and accepting those who wished to join our club. We came thru the day with 41 members that included 3 Pebble Pups, a half dozen youth and the rest adults.

With finishing all the paperwork for the club, we had our first business meeting on Jan. 19th in Gillette. We did add two more members and

Club Reports continued from page 22

Northeast Wyoming Rockhounds continued

had discussions planning a schedule and future events. I hope to have that finalized soon which will include meetings and events held in Sheridan and also Douglas. We also have joined the RFMFS club too.

I would also like to thank everyone in the "rockhound" community who have show support

for us and have helped us along the way. I have plans to attend the State Rock Show in Cody in June and look forward to meeting many of you at that time!

Jeffrey Hulings
President Northeast
Wyoming Rockhounds Club



Super Blood Wolf Moon Eclipse



Ross Gorman
PHOTOGRAPHY

On the night of Sunday, January 20, 2019 sky-watchers across North and South America watched a rare cosmic event, as three lunar phe-

nomena converged to give rise to what some people are calling a super blood wolf moon.

1. During totality, the full moon does not disappear entirely and instead turns a rusty shade of red, earning it the name "blood moon."

2. This lunar eclipse happens to coincide with the wolf moon, the traditional name for the January full moon.

3. What's more, the moon will be unusually close to Earth and so will be slightly bigger and brighter, making it a so-called supermoon.

The following photo of the Super Wolf Moon Eclipse that occurred on January 20, 2019 was taken by Ross Gorman, a member of the Cody 59ers Rock Club. This photo is copyright protected by Ross Gorman and cannot be distributed or used commercially other than by Ross Gorman.

If individuals are interested in purchasing copies of this photo. Ross can be contacted via his website:

RossGormanPhotography.com



Upcoming Events

2019 Mineral & Gem Show Dates:

Billings, MT, May 3,4,5, 2019

Butte, MT, June 7,8,9, 2019

Cody-2019 WSMGS WY State Mineral & Gem Show-June 21-23

Casper, WY July 13,14, 2019

Cheyenne, WY May 25,26, 2019

Marbleton, WY June 14,15,16, 2019

Rapid City, SD. July 20,21, 2019



2019 Wyoming State Mineral and Gem Show

Featuring

The Great Agate Roundup

Hosted by the

Wyoming State Mineral and Gem Society,
Cody 59ers Rock Club, and Shoshone Rock Club

June 21, 22, & 23

Cody Auditorium, Cody Wyoming

1240 Beck Ave Cody, WY

Friday 10-8 Saturday 10-6 Sunday 10-4

\$4 Adults K-12 \$2 Preschoolers Free

Demonstrations/Displays

Fluorescent UV Display

Wirewrapping

Flintknapping

Cabachon Making

Multi State Dealers

Jewelry / Beads

Fossils

Gems

Minerals

Lapidary Supplies

Educational Activities

Mineral / Rock ID

Kids Activities

Guest Speakers

Field Trips

Exhibits/Showcases

WYstaterockshow@wsnms.org



WSMGS CLUBS

Information subject to change; updates will be posted upon notice. Contact the Editor with changes at: jsn@wsmgs.org

Cody Fifty-Niners Rock Club

P.O. Box 1251
Cody WY 82414

cody59ers@wsmgs.org
www.Cody59ers.com

Meets 4th Thursday (Sept-May) 6:30pm
Park County Courthouse, EOCrm, Cody

President: Nella Flurkey
Vice-President: Roger Lyons
Treasurer: Aubrey Smith
Historian: Stan Strike



Shoshone Rock Club

P.O. Box 256,
Powell, WY 82435

shoshonerockclub@wsmgs.org

Meets 2nd Tuesday 7:00pm Powell
Library, 317 E. 3rd Street, Powell

President: Dorine Strom
Vice-President: Mary Vogel
Treasurer: Linna Thomas
Secretary: Cresta Peterson
JSN: Ilene Olson
Historian: Linna Beebe
Field Trips Les hunt



Cheyenne Mineral & Gem Society

P.O. Box 21412
Cheyenne, WY 82001

cheyennemgs@wsmgs.org

Meet 2nd Wed.-7:00pm (August-May)
IBEW Union Building-810 Fremont
Street-Cheyenne

President: Donna Arnold
Treasurer: Jan Shively
Field Trip..... Mark Shively

Natrona County Rockhounds

P.O. Box 123,
Casper, WY 82644

natronarockhounds@wsmgs.org

Meets 1st Monday 7pm (April-Dec)
Shop Open: Tue & Fri 6-8pm at
Clubhouse, 5211 Rambler, Mills

President: Mac Goss
Vice-President: John Hine
Treasurer: Kenny Platte
Secretary: Danny Hill



Rex Young Rock Club

112 East 3rd
Lingle, WY 82223

rexyoungrockclub@wsmgs.org

Meets 2nd Wednesday 7:00 p.m.
Senior Center
216 E. 19th, Torrington

President: Kim Nielsen
Vice-President: Sherman Lenhart
Treasurer: Helen Vogel
Secretary: Joyce Trowbridge
JSN: Joyce Trowbridge
Historian: Joyce Trowbridge
..... Dale Tikalski



Fossil Basin Mineralogical Sociey

PO Box 176 Kemmerer, WY 83101

rexyoungrockclub@wsmgs.org

Meet: 3rd Wednesday (Jan-Oct) 6-7pm
Kemmerer Chamber of Commerce

President: Don Stuart
Vice-President: Ellen Potter
Treasurer: Ellen Potter
Secretary: Sue Giorgis
Field Trips: Walter Henderson

Sublette County Rock Hounds Club

P.O. Box 1351 Big Piney, WY 83113

subletterockhounds@wsmgs.org

Meets 3rd Saturday (March-Dec)
1:00pm The Bench Grill,
415 Winkleman, Marbleton, WY

President: Jim Gray
Vice-President: Mike Schaffer
Treasurer: Leane Gray
Secretary: Deb Jess



Northeast Wyoming Rockhounds

2107C N. Hwy 14-16
Gillette WY 82716

newyrockhounds@wsmgs.org

Meets: odd # months
check email for dates

President: Jeff Hulings
Vice-President: Dennis Brown
Treasurer: Beth Raab
Secretary: Vanessa Grove



Riverton Mineral & Gem Society

P.O. Box 1904, Riverton, WY 82501

rivertonmgs@wsmgs.org
www.RivertonMGS.com

Meets: 2nd Monday 7:00 p.m.
(Jan.-May, Aug.-Nov.)

Senior Center 303 E. Lincoln, Riverton

President: Linda Richendifer
Vice-President: Stan Grove
Treasurer: Cristy Quinn
Secretary: Holly Skinner
JSN Kim Brown
Historian..... Rob Baltes
Field Trips Ted Knowles