

Jade State News

Wyoming State Mineral & Gem Society, Inc.

2132 Gail Lane, Cody Wyoming 82414

Volume 2016, Issue 4



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The WSMGS conducts meetings quarterly and as special events require

WYOMING GEMSTONES, LAPIDARY MATERIALS, AND GEOLOGIC COLLECTABLES

A large variety of gemstones and lapidary materials are found in Wyoming in rocks ranging in age from Precambrian to Tertiary and within Recent gravels. Some of these, such as diamonds and jade are very rare. Others, such as quartz, chalcedony and petrified wood, can be found at many localities throughout Wyoming. See figure 1

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WYOMING GEMSTONES, LAPIDARY MATERIALS, AND GEOLOGIC COLLECTABLES continued from page 1

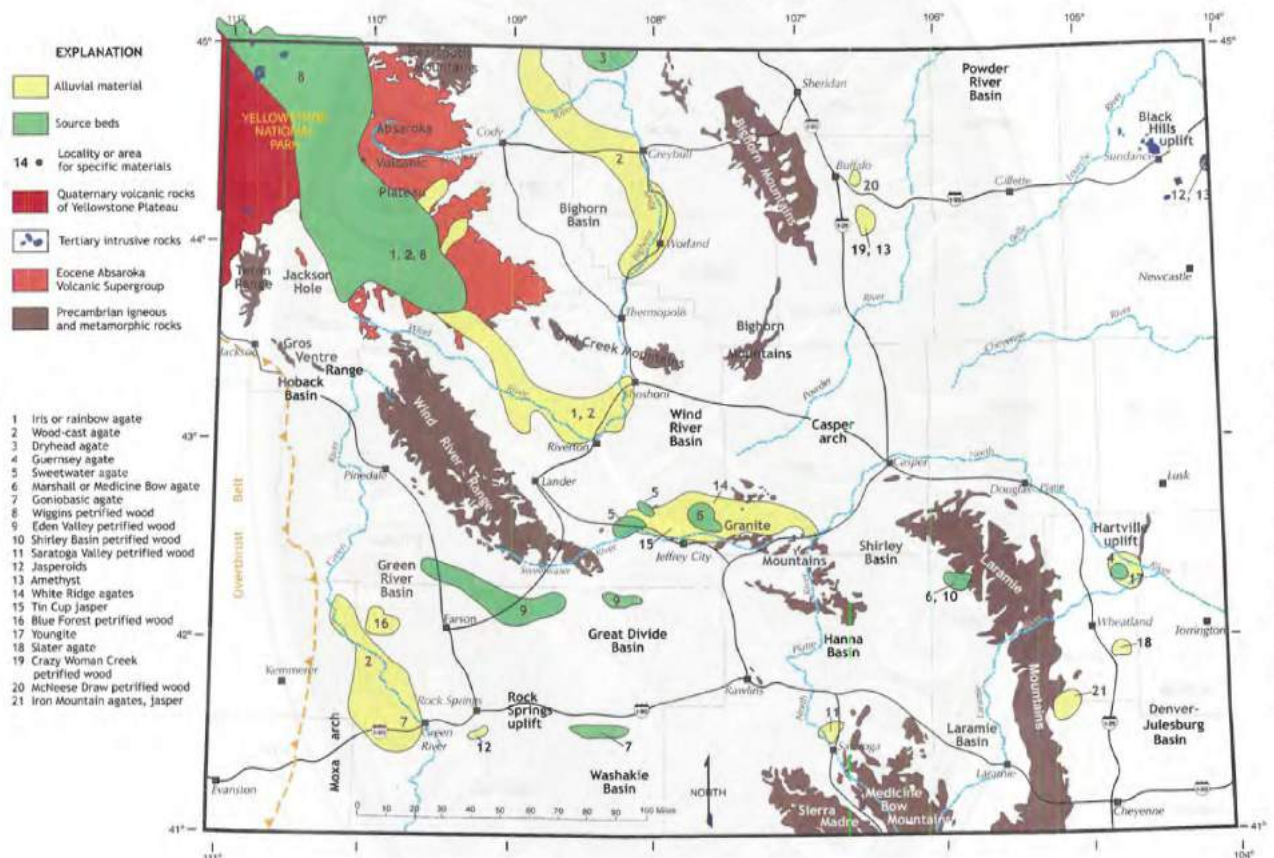


Figure 1: QUARTZ – CHALCEDONY - PETRIFIED WOOD WYOMING LOCATIONS
 [Map Reference: Minerals And Rocks Of Wyoming-WSGS Bulletin 72-page 56 by Dan Hausel]

Figure 35. Quartz, chalcedony, and petrified wood localities in Wyoming.

Wyoming's Gemstones are minerals and rocks that are classified according to their occurrence and ease of being collected. Examples of "Precious" Wyoming Gemstones are beryl (aquamarine and emerald), corundum (ruby and sapphire), diamond, jade, and opal. Precious gemstones usually require cutting and polishing, in order to create ornamental objects.

"Semiprecious" Wyoming Gemstones are valued primarily for their form as crystals or cut crystals such as garnet, quartz, and topaz.

Lapidary Materials, refers to all other minerals and rocks that are not classified as gemstones and are commonly cut and polished into a variety of shapes.

Lapidary is the art of cutting and polishing rocks and minerals using techniques that result in decorative or ornamental minerals or rocks. Some extraordinarily attractive cabochons have been cut and mounted in rings, pendants, and other forms of jewelry from lapidary-grade materials; some beautiful book-ends, paperweights, etc., have also been produced from lapidary materials collected from Wyoming.

Geologic Collectables are rock or mineral specimens that are not suitable for use as gemstones or lapidary materials due to their softness, size, or inability to take a good polish, but are collected for their natural beauty or uniqueness..

QUARTZ FOR ROCKHOUNDS

Most rockhounds collect a combination of lapidary materials and geologic collectables. It is a rare find to collect gemstones. Rockhounds often seek out rocks that have “agatized “ meaning rocks made up of quartz. Quartz is sought after by rockhounds because of its hardness and 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 is the most common mineral on Earth and is found in all 50 United States in igneous, sedimentary, and metamorphic rocks.

Quartz is chemically composed of silicon dioxide (SiO₂) or silica. Quartz is slightly soluble in water, and most likely is formed by the dissolving and redeposition of silica within the sedimentary rocks or other local environments in which it is found. 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 various 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 and descriptions will motivate rockhounds to search, swap, and purchase all of the varieties of quartz to complete their collections.

I. Classification of Quartz:

- A. Crystalline Quartz (macrocrystalline—occurs as visible crystals), vitreous shiny luster
- B. Chalcedony Quartz (microcrystalline—crystals not visible), not shiny unless polished
- C. Chalcedony Pseudomorph—original organic/inorganic material replaced by chalcedony quartz
- D. Agates (microcrystalline)—banded/patterned/multicolored layers inclusions in chalcedony quartz

A. 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 (Cedar Mtn, Cody, WY)

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

Blue Quartz—dark blue, opaque, massive

Chrysocolla—quartz with bluish-green chrysocolla inclusions

Citrine—yellow, orange-brown, or reddish brown

Ferruginous Quartz—transparent with brown to red inclusions

Iris/Rainbow Quartz—transparent crystals with foreign inclusions that create iridescent effect

Milky Quartz—white, translucent to opaque

Rock Crystal—colorless, transparent with well developed crystals

Herkimer “Diamonds”—lustrous transparent doubly terminated quartz crystals

Rose Quartz—pink color, massive (Custer, SD, Black Hills)

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. Varieties of Chalcedony Quartz

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

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

Flint—opaque, massive, granular, uniformly dark gray to black colored chalcedony

Geode- a hollow rock with agate around quartz or chalcedony

Jasper—opaque, massive, granular, uniformly colored, red to yellowish brown, green, blue

Chert—opaque, massive, granular, uniformly colored, dull tannish brown to white or gray

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

Carnelian/Cornelian—transparent to translucent, reddish (softer, lighter color than sard)

Chrysoprase—apple green in color

Prase—translucent, light green to light grayish green color

Sard—brownish and brownish red, transparent to translucent

C. Varieties of Chalcedony Pseudomorph

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

Wood-cast Agate—formed as chalcedony fills and takes on the external form of cavities created by the decay of buried plant roots, limbs and stems (Wiggins Formation in Absaroka Mtns and Eden Valley, Sweetwater County, WY)

Opal—chalcedony combines with water found in the cavities left by decayed organic materials. May exhibit brilliant, iridescent internal colors

Tiger Eye—chalcedony replaces fibrous asbestos

D. Varieties of Agates

Crazy Lace Agate—agate with twisting and turning bands of various colors

Dendritic Agate—Chalcedony with darker tree-like or fern-like inclusions

Eye Agate—agate with banded concentric circular rings

Fortification Agate—agate with block-like lines that look like building (fort) outlines

Fossil Agate—chalcedony that fills, replaces or copies original organic material

Iris/ Rainbow Agate—transparent quartz crystals with inclusions that can produce iridescent colors

Jasp-Agate—banded mixture of reddish or yellowish jasper with white or colorless chalcedony

Landscape/Scenic/Picture Agate—dendritic chalcedony with darker designs resembling scenery

Moss Agate—dendritic chalcedony with green hornblende inclusions

Onyx Agate—agate which has banding lines that are straight, parallel and consistent width

Plume Agate—chalcedony with inclusions that have feather-like shapes

Sardonyx Agate—agate w/straight parallel bands that are brownish to red, alternating w/white or black bands

Thunder Egg Agate—chalcedony nodule filled with agate in the center

Regional Wyoming Agate

Bear Canyon Agate—black and white fortification agate in 1"-2" nodules. The outer coating is rough charcoal gray to tan, and only 5% of the nodules contain agate. Found in a thin section of upper limestone layers or on talus slopes of Bear Canyon in the Pryor Mtns.

Dry Head Agate—red and white banded agate found in the Phosphoria Formation south of the Pryor Mountains, Dryhead Creek, and the Big Horn River NE of Lovell, WY.

Goniobasis Agate—dark brown chalcedony with shells of the fossil snail Goniobasis found capping the buttes south of Interstate 80 between Granger and Green River, WY

Spence Brecciated Agate—pieces of tannish brown chalcedony jasper, cemented with other minerals. Found SE of Lovell, WY

Sweetwater Agate—gray-blue chalcedony with clusters of black dendrites of manganese oxide. Found in Sage Hen Creek NE of Jeffrey City, WY; the White River Formation near Beaver Rim, and Highway 287 as it parallels the Sweetwater River

White Moss Agate—transparent moss agate with jasper. Found in the Casper Formation near Marshall in Albany County, gravels SW of Marshall, and Bridger Formation north of Wamsutter, WY

Youngite Agate—mixture of drusy quartz and banded agate in pink breccia, found in Mississippian limestone caves near Guernsey and Glendo Reservoirs

**[Article References Used and Adapted by Stan Strike:]

1. "Gemstones And Other Unique Minerals And Rocks Of Wyoming"-WSGS-Open File Report 90-9 (1990) By Wayne M. Sutherland
2. "Minerals And Rocks of Wyoming"-WSGS Bulletin 72-pages 7 &56 by Dan Hausel
3. "Quartz" Jade State News-February 2011-by Stan Strike



WSMGS BOARD INFORMATION & UPDATES

WSMGS ELECTRONIC BOARD MEETING – October 2016

I. President's Report:

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 Friday October 21st. If you have questions about any item, call / text me at 307-250-1244 or email to strikestan@gmail.com 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.]

A. The following information was sent via email to WSMGS club contacts & board members 10/6/16:

WSMGS AFFILIATED CLUB REPORT REMINDERS

1. November 1st to December 15th–2017 WSMGS Membership Dues Report to current WSMGS Treasurer: Melvin Gustin-P.O. Box 468-Riverton, WY 82501. (Form can be found on the WSMGS web-site: wsmsg.org under "Who We Are-Forms".)

2. November 1st to December 15th- 2017 WSMGS Club Election of Officers Report to current WSMGS Vice President: Linda Richendifer at 10709 Hwy 26-Kinney, WY 82516 or vpres@wsmsg.org

(Form can be found on the WSMGS web-site: wsmsg.org under "Who We Are-Forms".)

3. November 1st to December 15th –RMFMS 2017 Dues to RMFMS treasurer (Form is available on the RMFMS website) *****

4. 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

5. 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).

6. 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.)

**** 1. Rocky Mountain Federation of Mineralogical Societies (RMFMS) -Your RMFMS club contact should receive the 2017 RMFMS New Officers/Dues Report Form by the middle of October. RMFMS Membership dues will be \$1.50 / individual dues paying member who are 12 years old or older as of October 31st. -Family membership dues should be determined by the total number of individuals in the family who are age 12 or older.- Junior members are individuals who are 12-18 years old.- Individual club members who are listed as Honorary/Life members OR are younger than 12 years old are not considered dues paying members. - The individual rate for 2017 RMFMS Liability Insurance coverage may decrease from the present \$0.65 and will be noted on the forthcoming RMFMS forms. Note that all individual club members listed as members as of October 31st need to be counted for your club's insurance cost regardless of age or classification. New members after October 31st are automatically covered IF officially recognized as members of your club.

*** 2. Wyoming State Mineral and Gem Society dues are \$1.00/ individual dues paying member who are 12 years or older as of October 31st. The total number of dues paying members is determined by the same method that the RMFMS uses, as explained in the preceding information.

The WSMGS does not provide liability insurance for WSMGS affiliated clubs but assumes that your club is incorporated with the Wyoming Secretary of State and is current with the required Annual Report. As an incorporated nonprofit, your club benefits from the resulting "Limited Liability" coverage that protects the club from nonmember lawsuits.

II. Vice President Report:

The 2017 WSMGS Club Election of Officers Report

WSMGS BOARD INFORMATION & UPDATES **continued**

should be sent to the current WSMGS Vice President: Linda Richendifer at 10709 Hwy 26-Kinnear, WY 82516 or vpres@wsmsg.org by December 15th. She will compile this information to create the 2017 WSMGS Membership Directory. (Form can be found on the WSMGS web-site: wsmsg.org under "Who We Are-Forms").

III. Treasurer's Report:

JUNE 1ST,2016 - SEPTEMBER 31ST, 2016

\$2489.96 =Beginning Balance –June 1, 2016

\$2,487.02=Ending Balance 9/30/16

Treasurer's Report has been edited and can be seen in its intirety on the web site.

IV. Secretary's Report:

The draft 2016 Annual Meeting minutes are as printed in the August Jade State News to be approved at the 2017 WSMGS Annual meeting. These Electronic Minutes fof the October 2016 WSMGS Board Meeting will be published in the November 2016 Jade State News and will include the results of all required voting on Action Items by WSMGS Board members.

V. Old Business:

A. The People's Choice Traveling Trophy has been updated and will be in the possession of the Cody 59ers Rock Club until the WSMGS State Show in Riverton June 24-25, 2017.

B. The Wyoming State Rockhound of the Year plaque has been updated and in the possession of WSMGS President Stan Strike.

C. The "wsmsg.org" domain name has been renewed via iPage for 2 years (\$33.98) until 10/30/2018. The other domain names: wymineralandgemsociety.org [expires 3/13/17] and wygemandmineralsociety.org [expires 3/4/2018] will not be renewed and need to be terminated prior to their expiration so as to not be automatically renewed.

D. WSMGS received Thank You cards from WY 4-H Foundation (\$50) and Green River Valley Museum (\$100) for donations made by WSMGS for educational geology displays.

E. As an incorporated nonprofit, WSMGS completed the Annual Report required by the Wyoming Secretary of State. President Stan Strike paid the fee of \$27 via email. Approved 9/9/2016.

F. President Stan Strike, filed the following forms with the Wyoming Secretary of State's office in order to update the WSMGS's Registered Agent from Jane Neale to Stan Strike: "Statement of Change By Business Entity" and " Consent to Appointment by Registered Agent". Approved 9/19/2016.

VI. New Business:

A. Action Item #1- Approval of Additional dealers for 2017 WSMGS State Show Discussion: The WSMGS By Laws suggest that no more than 12 dealers participate in the WSMGS State Show unless additional dealers are approved by the WSMGS Board. The WSMGS Board's position is that too many dealers may limit individual dealer's financial success; however if alocation promises a greater public attendance more dealers can be justified. It should be noted that WSMGS encourages clubs to contract with educational vendors and demonstrators at a reducedrate and should not be considered dealers even though they may have products to sell. *** VOTE Action Item #1- Approval of Additional Dealers for 2017 WSMGS State Show

B. Action Item #2-Approval of Search and Contracting of Internet Provider by WSMGS Webmaster and President

Discussion: Presently the WSMGS' internet provider for its website is iPage. Intially iPage was selected because it allowed unlimited content and email addresses and offered a low introductory 3 year purchase rate. Our webmaster-Marlene Sibley noted the following information and recommendation:

When WSMGS signed up for 3 years' WSMGS Web Hosting with iPage the agreement stated, "Please note, our products automatically renew for the same term length at regular rates, which are available in your Control Panel, using the payment method you provided today unless you choose to cancel."

WSMGS BOARD INFORMATION & UPDATES **continued**

The current WSMGS Hosting agreement expires on 3-16-2017 (that's only 5 months from now). You have to cancel 30 days prior to the end of the current term (that would put it at 2-16-2017) and be subject to a \$35 fee. Sometime on or around 3-12-2017, iPage is planning to automatically charge the WSMGS Master Card for \$394.20 = another 3 years' hosting (regular price of \$10.95/month for 36 months through 3-16-2020). Ouch! Before the hosting expires at iPage, WSMGS can look around the Web for another Introductory hosting "deal" and move WSMGS's hosting, then cancel the account at iPage. If no other web hosting provider can be found that provide the necessary features required by our website at a much lower renewal rate, it is assumed that WSMGS will renew with iPage.

*** VOTE Action Item #2- Approval of Search and Contracting of Internet Provider by WSMGS Webmaster and President

C. Action Item #3-Approval of Duplicate Rockhound of the Year Recognition Discussion: The WSMGS promotes two types of Rockhound of the Year Awards: [1] Annual nominations by each individual club to honor an individual person/couple and junior member who have made continued contributions to the club = Club Rockhound of the Year. AND [2] Annual nominations by an individual to honor another individual/couple or junior member who have advanced rockhounding within their club and/or state= State Rockhound of the Year. All nominations –Club ROY and State ROY nominations will be considered and eligible to be recognized as Wyoming State Rockhound of the Year. Does the WSMGS support the nomination and selection of the same person/couple to be honored as State Rockhound of the Year more than once??

*** VOTE Action Item #3- Approval of Duplicate State Rockhound of the Year Recognition

D. Action Item #4-Support For the Collection/Review of WSMGS Club Documents for WSMGS' Historian Archives

Discussion: With the succession of club officers over time, it becomes legally important that the club's

important documents –which includes Articles of Incorporation, ByLaws, minutes and financial records are preserved. If the club is not incorporated or current in their Annual Report required by the Wyoming Secretary of State they are creating a legal liability for their club. As a nonprofit corporation your club is required to keep these important documents and share them with your members. This is why the WSMGS requires each affiliated club to send copies of their Annual Reports to the WSMGS Historian so if club records become lost, they can be retrieved. With the approval of Action Item #4, the WSMGS Board will encourage the collection of club documents and facilitate the compliance with the legal requirements to protect all WSMG members.

*** VOTE Action Item #4- Support For the Collection/Review of WSMGS Club Documents for WSMGS' Historian Archives

E. Action Item #5-Approval of Expenditure of \$50/quarter for Webmaster Services Discussion: Presently, the Jade State Newsletter editor is compensated \$50 quarterly for the publishing of the Jade State Newsletter. Our webmaster has been responsible for creating our WSMGS website which requires advanced programming skills that few of our members possess. The webmaster updates the website: as forms/documents are revised, quarterly as the Jade State News is published, requiring the featured articles to be added to the WSMGS.org "Library", as new weblinks are recommended, and upcoming events require posting. This webmaster has also helped to create the digital versions of our WSMGS logo and trademark. Our present webmaster has contributed her services and may be very expensive to replace if she decides to retire some day. In the past we have given only a Christmas gift, which she has accepted. I believe that a gift certificate each quarter would be appropriate and appreciated.

*** VOTE Action Item #5- Approval of Expenditure of \$50/quarter for Webmaster Services

VII. SUMMARY OF VOTING: All Board Members were in agreement to support Action Items #1, #2, #3, #4, and #5.



CLUB HEALTH CHECKUP

It is that time of year when club officers are elected and members are asked to pay their dues for another year. The health of your club is not only measured by the # of new members & the # of members who rejoin but if your club addresses these questions:

- ___ Does your club encourage & support new officers?
- ___ Is your club structured to allow your members to participate on committees & in meetings?
- ___ Are your club programs related to your club's objectives?
- ___ Do your members share/show their "finds" & their finished lapidary products?
- ___ Does your club continue to educate its members?
- ___ Do your members have the opportunity to learn lapidary skills?
- ___ Is your club membership a mixture of retirees, working persons, & school age students?
- ___ Does your club provide field trips to new collecting sites & to those visited in the past?
- ___ Are your members encouraged to adhere to the AFMS "Code of Ethics"?

Indoor Field Trips??: When the weather is too cold (or too hot or too wet), keep your club moving with indoor field trips. Local museums, RMFMS Films, local rockhound?

Lapidary Time!!: Many Rock Hounds collect rocks, minerals, and fossils when the weather is "nice" Now is the time to sort / organize and prepare your new finds for display - or else you will end up with boxes of rocks soon forgotten?

Perhaps club members with equipment would be willing to share and teach the necessary lapidary skills that would turn some of your finds into Gems!

[Referenced to Jade State News-November 2013 -page 15]

CLUB MEMBER-WHICH ARE YOU??

- Are you an active member-the kind that would be missed?
- Or are you just content that your name is on the list?
- Do you attend meetings and mingle with the flock, Or do you stay at home, criticize and knock?
- Do you take an active part and help your club along, Or are you satisfied to simply say that you belong?
- Do you ever volunteer to help the guiding stick, Or leave the work to just a few-then talk about the clique?
- Come out to the meetings, and help with hand and heart.
- Don't just be a member, but take an active part!
- Just think this over member-you know right from wrong:

ARE YOU AN ACTIVE MEMBER, OR DO YOU JUST BELONG?

[From Tropic Topics, 1987 via The Stone Age News and Jade State News--2/ 1990 & 11/2015]



WHY ALL WSMGS CLUBS SHOULD BE INCORPORATED & RMFMS MEMBERS

Club Liability Check- IF your club is NOT incorporated OR current with the required Annual Report with the Wyoming Secretary of State AND members of the Rocky Mountain Federation of Mineralogical Societies you might consider this information:

Limited Liability - Your club can be named in a lawsuit! If your club is incorporated, under the law, creditors and courts are limited to the assets of the nonprofit organization. The original incorporators/ founders, board members, members, & employees are not personally liable for the Club's debts –meaning their own money, houses, cars, or property is not at risk. There are exceptions: A person cannot use the corporation to shield illegal or irresponsible acts on their part. Also the Board of Directors have a fiduciary responsibility- if they do not perform their jobs in the nonprofit's best interest, and the nonprofit is harmed, they can be held liable. [Wyoming Secretary of State Annual Incorporation Cost = \$25 / year]

If your club is NOT registered as an incorporated nonprofit corporation and current with the required WY Secretary of State's Annual Report, your club AND it's members may be legally liable if subject to a lawsuit. (Contact the WSMGS Board with questions about how to incorporate your club.)

RMFMS Liability Coverage -This general liability insurance provides protection for RMFMS affiliated clubs (who purchase this insurance) from third party nonmember individuals who allege to be injured/damaged because of your club's negligence. It does protect the club resulting from its member's participation in club or RMFMS/WSMGS sponsored activi-

ties. Club members are defined as all recorded members of the club regardless of their classification (junior, adult, honorary/life), including all new members recorded after the initial yearly liability insurance payment is made to the RMFMS.

The RMFMS liability insurance does not cover damage or injury from:

- Your personal negligence in regard to yourself or the alleged negligence of other club members to each other or to club property.
- Car/airplane/boat accidents while on club/RMFMS/WSMGS sponsored activities.
- Nonmember guests participating in club/RMFMS/WSMGS sponsored activities (coverage may be approved upon legal review (case by case).
- Sponsored activities in which negligence occurs in conjunction with alcohol consumption.
- Pollutants
- False advertising
- Willful acts except protection of persons or property.

The RMFMS will provide a "Certificate of Insurance" as proof of liability insurance & "Additional Insured" rider that may be required by landowners, hotels, meeting places or other facilities utilized for club/RMFMS/WSMGS sponsored activities. Allow 2 months for this approval from RMFMS insurance carrier.

RMFMS Costs: Membership = \$1.50/member + Insurance = \$0.60/ member].

(Referenced from the Jade State News- November 2012-Page 4)



REQUIREMENTS FOR WYOMING INCORPORATED NONPROFIT WSMGS CLUBS

As an incorporated nonprofit organization, each WSMGS club is required by Wyoming state statutes:

17-19-701 Annual and Regular Meetings

(a) A corporation with members shall hold a membership meeting annually at a time stated in or fixed in accordance with the bylaws.

(I) At the annual meeting, the president and chief financial officer shall report on the activities and financial condition of the corporation.

17-19-1601. Corporate records.

(a) A corporation shall keep as permanent records minutes of all meetings of its members and board of directors, a record of all actions taken by the members or directors without a meeting, and a record of all actions taken by committees of the board of directors

(c) A corporation or its agent shall maintain a record of its members in a form that permits preparation of a list of the name and address of all members

(e) A corporation shall keep a copy of the following records at its principal office:

(i) Its articles or restated articles of incorporation and all amendments to them currently in effect.

(ii) Its bylaws or restated bylaws and all amendments to them currently in effect;

(iii) Resolutions adopted by its board of directors

(iv) The minutes of all meetings of members and records of all actions approved by the members for the past three (3) years;

(v) All written communications to members generally within the past three (3) years, including the financial statements furnished for the past three (3) years

(vi) A list of the names and addresses of its current directors and officers; and

(vii) Its most recent annual report delivered to the secretary of state-Due Annually.

THE BOTTOM LINE IS:

ALL CLUBS SHOULD FILE THEIR ANNUAL ACTIVITY REPORT, FINANCIAL REPORT AND MINUTES WITH THE WSMGS HISTORIAN WHO WILL ARCHIVE IT FOR LEGAL & HISTORICAL PURPOSES.

(The Financial report should report balances, income, and expenses.

The Activities Report can be a photo copy of the club's minutes or a

Summary of the club's programs, activities, field trips, etc.)



RMFMS WYOMING STATE DIRECTOR REPORT

The WSMGS Board appointed a new Rocky Mountain Federation of Mineralogical Societies (RMFMS) Wyoming State Director by approving Action Item #1 as listed below as part of the WSMGS Electronic Board Meeting on January 21, 2016:

Action Item #1- Nomination of RMFMS State Director:

Discussion: Jim McGarvey, our present RMFMS State Director, has submitted his resignation to RMFMS effective April 2016. Previously the State Director has been a WSMGS Board member and we have financially supported their expenses in order to attend the Annual RMFMS Convention. I have been contacted by DeLane Cox, past RMFMS President, to submit a replacement name by March 1st. Proposed Nomination: The WSMGS Board initially appoint the WSMGS President to serve as the RMFMS State Director. The State director can be replaced with another WSMGS Board member by a majority vote of the WSMGS Board and approval of the RMFMS.

Stan Strike's nomination by the WSMGS Board was presented to RMFMS and approved at the 2016 RMFMS Annual Meeting as RMFMS Wyoming State Director. As RMFMS State Director, I would like to encourage any WSMGS club members who need information or have questions concerning the RMFMS to contact me using my Alias email address: dir@wsmgs.org.

The Rocky Mountain Federation of Mineralogical Societies' Annual Convention will be in Albuquerque, New Mexico March 18-19, 2017. Each WSMGS affiliated club that is a member of the RMFMS is entitled to send two delegates to this RMFMS Annual Convention. If your club does not decide to support and send delegates to this Convention, PLEASE send your completed Proxy Vote Forms to me. The RMFMS conven-

tion information and the associated forms will be sent to each club's email contacts as soon as they become available.

DUTIES OF THE RMFMS STATE DIRECTOR

Each State Director shall:

1. Serve as liaison between all member clubs in their district and the RMFMS Executive Committee.
2. Perform the duties assigned in Article VII of the RMFMS Articles of Incorporation.
3. Render all possible service and assistance to member clubs.
4. Encourage all district clubs to publish a newsletter and have a website.
5. Assist member clubs with local, state, and Federation shows.
6. Maintain close contact by letter, electronic communication, or personal visit if possible with clubs.
7. Promote Federation activities and programs to member clubs and individuals.
8. Prior to the annual Convention encourage each member club to have club delegates attend the Annual Convention. If no club member is able to attend, help arrange a Proxy so the club will be represented and a quorum will be present to conduct business at the Annual Convention meeting.
9. Submit at short article to the RMFMS Newsletter editor every couple of months about something unique that a club in your state did recently.
10. Encourage the development of new RMFMS affiliated clubs in your state and region.



Club Reports

Shoshone Rock Club Reports

JSN Report-Shoshone Rock Club May-July 2016

May SRC program was devoted to preparing a club display case set up for the WSMGS state show in Torrington coming up in June. We had many nice fossils brought in and with fossil books on hand and knowledgeable people in the club, all items were eventually identified. It was announced by Stan Strike, President of the WSMGS, that Verne Orcutt, member of our club and editor of the Jade State News, won a first place, in the large newsletter category through RM-FMS. Congratulations Verne! President of SRC, Gary Olson will be conducting a class on how to make cabochons later this month.

June SRC program was conducted by speaker, Gretchen Hurley, a geologist with the BLM on the world famous Natural Trap Cave out of Lovell, WY. Scientific researchers have identified many types of animals in this large sink-hole such as mammoths, bison, Bighorn sheep, cheetahs, short-faced bears, American lions, and more. A large grate approximately 10-15' wide was installed about 1974, & it covers the opening for safety of the public and animals. Researchers and qualified cavers who assist, are taught to use ropes to descend the 90' drop. Long time club member, Lynn Neale, reported he and family had been in the cave when it once had a spiral staircase back in the 70's.

July SRC program was on Mineral Identification Tricks, by our speaker, Clarence "Doc" Ellis of Clark, WY. "Doc" stated that tricks to identify a mineral are shape, color, luster, hardness and streak, plus colored pictures from rock & gem books. To streak a mineral, drag a sharp point or edge of the mineral across the back of a piece of tile (unglazed). This works for stones of hardness of 6 or less. In school "Doc" was taught this rhyme to remember the hardness scale. "The girls came from all over Quartzville to clean ducks." "The" is a hardness of 1 for talc, "girls" is a hardness 2 for gypsum, "came" is 3 for calcite, "from" is 4 for fluorite, "all" is 5 for apatite, "over" is 6 for orthoclase/feldspar, "Quartzville" is 7 for quartz, "to" is 8 for topaz, "clean" is 9 for corundum, and "Ducks" is 10 for diamond. Dorine Strom will be leading a field trip on July 16 in an area where she had found some brain coral, plus. Guest Les Hunt signed up as a new club member. President Gary Olson reported that our club case at the WSMGS state show won 2nd place & 2nd place for People's Choice. Keep those judging score sheets to help improve display cases the next time around. The August club picnic potluck will be at the 5 Springs recreational area off 14A at the base of the Bighorn's out of Lovell.

Respectfully submitted,

Linna Beebe, Sec. Shoshone Rock Club

JSN- Shoshone Rock Club-August - October, 2016

Our annual club picnic was held on August 13th at 5 Springs campground just off 14A heading toward the Bighorns. Field trip chairman, Dorine Strom led a field trip after the lunch to Hunt Mountain to find corals, shells and limonite after pyrite.

September: Stan Strike, club member & President of the WSMGS, was thanked for being our delegate for the state show in Torrington and for his service of bringing the club display case to Torrington & helping to set it up. The first JSN issue by the new editor, Jennifer Flowers, had been received and was noted to be an excellent issue. Stan reported Torrington had done a great job for the state show, and that Torrington had donated display cases for the next show in Riverton. Field trip chairman, Dorine Strom reported on another field trip she led on Sept. 13th to the Bighorns, Hunt Mtn., for coral & limonite after pyrite with samples on display. New member, Jim McEvey, attended the Cedar Ridge leaf fossil field trip with the Cody 59'ers and showed some samples of the finds he made. Dorine won the door prize, a trace fossil from a trilobite, *Rusophycus*. An abundance of refreshments were provided by Linda Thomas and June Rich. Linna Beebe presented the evening program on WY fossils, rocks and gemstones. Items were laid on a table accompanied by a letter of the alphabet. Members had a list of 24 items to be found and identified with the correct alphabet letter: such as a nautilus, scaphite, Youngite, jade slick, Ly-site agate, barite nodules, dahlite nodules, shark coprolites, etc. Stan Strike was the winner with 22 correctly identified. Gemstone slabs were awarded to the top 4 winners. It was a fun evening!

October: A snow storm hit the day of the meeting, but four board members and one other member braved the weather and were treated to delicious hostess treats by Tuesdee Oswood and Linda Dandy. Current board members had been contacted earlier this month to see if they wanted to continue or drop out and others contacted to see if they would serve.

In November, elections can be finalized and approved. Gary Olson was the door prize winner of a sample of limonite after pyrite, by Dorine. Linda Thomas had brought in the Treasurers reports, but will make a report at the November meeting. Those attending had brought in Show and Tell items such as Tuesdee's beautiful crystals collected, Linda Dandy had samples from the Hunt Mountain field trip, Linna brought in Calico, "peacock" palm wood, she had polished on a lap, and petrified tulle, from Needles, CA. It was fun to chat, eat and look at rocks!

Respectfully submitted,

Linna Beebe, Sec.

Meeting of Sublette County RockHounds Club

August 20, 2016: The August meeting was again at the Bench Grill in Marbleton, Wyoming at 1:00 pm. There were 31 in attendance. Jim Gray called our meeting to order and asked the Secretary, Debby Jess, to read the minutes of our July meeting. Jim Gray made a motion to accept the minutes as read, Brad Balue seconded and the motion carried. Under Old Business, Jim talked about our field trips since our last meeting and let everyone know how many folks participated and mentioned again that we do need to let the leader of the field trips or Jim or Leane know ahead of time whether we will be able to attend or not. We had a trip scheduled for July 30th and no one showed up after the leader waited for others to come and it was at quite a distance also. Let's please be considerate to those willing to give their time and effort leading a trip. Otherwise, we have had an average attendance of 18 people that came to the other field trips.

Leane Gray brought up again that we have been recognized as a part of the Wyoming State Mineral & Gem Society (WSMGS) as a new club and we will need to send in our dues to them and the Rocky Mountain Federation of Mineral Societies (RMFMS) the end of October. The additional dues will be \$3.15 per member for these groups. Discussion was made about current members paying the additional amount no later than the next meeting in September and it was suggested to avoid confusion for new members joining after today, Aug. 20th, that they pay a lump sum to include the additional dues in with our club dues. Jeanine Esterholt made a motion to raise dues after today's meeting to \$15.00 for single membership and \$20.00 for families. Joan Balue seconded and the motion carried.

Jim Gray let everyone know that the J L Gray Rock Shop purchased and donated banners for the club and they were used at the 4th of July parade in Big Piney. So if anyone would like to use them they are stored at the rock shop right now.

Next on the agenda was discussion of a logo for the club. Jim has emailed most members a rough draft of the one that was suggested and he wondered if we want to go with a black and white picture of Square top Mt. as was shown. Someone did suggest that we use computer generated lettering around the outside of the picture to look more professional. It was also brought out that the Flugels, who were at our July meeting, had offered to set this up as a DFX file and get it off and running. Bill Jeske made a motion to go ahead and finalize this idea for a logo. Joan Balue seconded and the motion carried.

The rock swap/show in cooperation with the Big Piney Recreation and Big Piney Library will be in October 1st, 11:00 am to 4 pm in the Big Piney Centennial Park across from Burney's. Roger McMannis, Jim Gray are planning on demonstrating how to make cabochons. J L Gray Rock Shop will be planning to be there with a booth. If any of the club members want to run a Rock Club booth, the rock club will pay the space rent if members want to donate items and their time to sale. This can be finalized at the September 17th meeting. Leane said one way to participate is to make small grab bags that are always a big hit at events like this. Any other ideas would be welcomed.

Leane Gray gave the treasurer's report. She reported that as of July 16th at our last meeting, we had \$575.00 from previous membership dues. We received 31.00 from silent auction, 20.00 door prize money plus more membership fees. She bought stamps for 9.40 and our total now is \$746.60.

New business: Jim Gray asked if Saturdays are the best day to have field trips or would Sunday be a better day for some. Members present agreed that Saturday is a good day.

August 27th, Roger McMannis has volunteered to be our field trip leader to Chapel Canyon. We will meet at the Marbleton Town Hall parking lot at 9am.

Sept. 3rd there will not be a field trip due to it being Labor Day weekend.

Sept. 11th is a planned overnight trip to Riverton area to look for Jade led by Walter Henderson. Look for more information about this by email.

Sept. 17th will be our Monthly meeting at 1 pm at the Bench Restaurant (back room). Come early and eat lunch out front before the meeting.

Sept. 24th we will head down toward Granger to 7 Mile Gulch led by Jim Gray. Meet at the Marbleton Town Hall parking lot at 8am since it takes a couple hours to get there. Will be sending out driving directions for out of area members.

Discussion on further field trips will be made at our September meeting.

Jim also wanted to note that as weather begins to get colder, etc we will have more educational meetings with speakers and videos. Jim has a friend that has written a book about rock collecting in Utah and also knows a geologist, that was involved with the discovery of the Dinosaurs in Thermopolis. He can ask to come and speak to our club.

Roger McMannis made note that we can show videos at the Marbleton Town Hall meeting room, as it is set up for this.

Leane Gray passed out some sheets of information on regulation guidelines from Utah's BLM around the St George area that gives an idea of what we are looking at for requirements on BLM land. She also had a sheet from BLM Wyoming that had common questions and answers for collecting. Thank you, Leane.

The WSMGS and RMFMS have newsletters that are available to club members and Jim will print some up for those at our meetings that may not be able to access them over the internet after we have joined.

Jim again talked about our goal to have the State Mineral & Gem Show here in 2018 at the fairgrounds. We would like to have stickers/decals, t-shirts etc available for sale before then and there was discussion about exhibit boxes/cases and how to get them since that makes selling easier. Someone else mentioned advertising for public events, shows etc being available on NPR (public radio) that we could take advantage of. Belonging to the WSMGS and RMFMS has many benefits including information for clubs.

Show and Tell: Roger McMannis showed several great specimens he found at the field trip up Chapel road the 13th to look for petrified wood and chalcedony/agate. Buzz Esterholt brought a great petrified bone piece to show.

Jim Gray made a motion to adjourn, Joan Balue seconded, the motion carried and the club concluded with a door prize drawing and silent auction.

Our next meeting will be September 17th, at the Bench Grill (back dining room) at 1pm.

Respectfully submitted, Debby Jess, Secretary

September 17, 2016: Jim Gray, President, called our September meeting to order at the Bench Grill in Marbleton, Wyoming at 1:00 pm. There were 26 in attendance. Everyone agreed to accept the minutes from our August meeting having received them prior to our meeting.

Meeting of Sublette County RockHounds Club continued from page 13

Old Business: Jim showed everyone the picture we will be using of Squaretop Mountain for our logo. We are still in the process of getting our logo completed. He also reminded everyone that when we have the opportunity to go on a field trip we need to let the leader know ahead of time whether we will be able to attend or not. We had a trip where no one showed up and we need to be considerate to those willing to give their time and effort leading a trip.

Leane Gray has a list of everyone that had paid the dues of \$3.15 (or has joined recently and it is included in the dues amount now) to be a part of the Wyoming State Mineral & Gem Society (WSMGS) and the Rocky Mountain Federation of Mineral Societies (RMFMS) being sent in the end of October. So far 44 members have paid these dues.

Please members that want to be part of the WSMGS and the RMFMS must pay \$3.15 per person over the age of 12, by Oct. 15, 2016 or you will be excluded from membership in the two organizations. Will only be members of the Sublette County Rockhounds.

Jim announced that October 1st from 11:00 am – 4:00 pm will be our first opportunity to be involved locally at the Big Piney Fall Festival being held in the park across the street from Burney's and the Bank in conjunction with the Rec Center and Library. Jim asked if the club wanted to have a table with a 10X10 costing \$10.00. Brad Balue made a motion for the club to pay for one or two tables and members volunteer to man the tables during the day. Dianne McMannis seconded, motion carried. Joan Balue, Scott Shinkle, Tracy Flugel, Susie Lehr, Rachel Smith, along with Brad Balue and Mike Shaffer (if they are not working) volunteered. Way to go club members! Any members that were not at the meeting that want to participate please call Jim at 307-260-6442.

Jim announced that the club will endeavor to start up a 4H Geology Club this fall. Leane will be the main leader (she will have the 4-H background check done) with help from others to build a curriculum and assist with the club. Sign-ups for the club will begin October 1st at the Fall Festival. Jamie Walker, who also has a current 4-H background check, also volunteered to help, several members expressed interest in assisting with this project. Ideas will be gathered from club members to begin developing a curriculum.

We need to begin to plan for a 2017 Sublette County Rockhounds Club show, here at the Fairgrounds. This will be a great way for the club to make money for equipment, etc. There will much to do along the lines of advertising and being organized by March so we will be able to get vendors and folks from far and wide to come. The Commercial building is available to rent for \$50 per day and there are about 77 camper hookups for vendors to be able to stay here at the cost of \$12/day water & electricity, a little more if sewer is needed. Club members will need to donate for the silent auction and other ways to sell. For instance, extra tumbled rocks for kids to buy by the bag or separately. Much preparation will be needed for sales and demonstrations. Purchases such as: wheels, grit, etc may be needed. We'd like to see a variety of items presented there like wire-wrapped jewelry, large and small stones, etc. Insurance will be provided through the RMFMS and money received from other vendors can be used for advertising also. The 2017 show will be valuable experience in preparing for the 2018 State Gem and Mineral Show.

Treasurer's Report: Leane Gray gave the report. Our

club's beginning balance as of Aug. 19th was 746.60. She reported that the WSGMS & RMFMS dues paid so far, 8/20 – 9/10/16 totaled \$110.15. New memberships (that included the WSGMS/RMFMS dues) brought in were \$100.00. Additional money donated by members was \$4.65. We received 50.00 from silent auction, and 40.00 door prize money at our August meeting. Our total ending balance is \$1,051.50.

New Business: Jim noted that Idaho Falls club show is October 8th from 9am – 5pm at 560 E Anderson in Idaho Falls. They have 2 shows each year, one with invited vendors from all around and the other (this one) will be their club members that will have tables. They may charge an admission fee. Jim and Leane plan to attend as it has been very good in the past.

Field Trips: Sept.24th Jim has volunteered to be our field trip leader to Granger/7 Mile Gulch area. We will meet at the Marbleton Town Hall parking lot at 8 am and meet others at Shute Creek plant road about 9:00am. Off road vehicles are welcome. If anyone needs more direction please call Jim at 307-260-6442.

Oct 1st Big Piney Fall Festival at the Big Piney corner park in conjunction with the Rec Center & Library. Come one and all! Jim Gray and Roger McMannis will do a cab making demonstration.

October 8th Idaho Falls Rock Show. Jim will be sending out email reminders on this.

Oct 15th Our monthly meeting at 1 pm at the Bench Restaurant.. Jim noted that as the weather begins to get colder, etc, we will have more educational meetings with speakers and videos. We will be having a presentation and discussion about the Wilderness Study and Winter Habitat areas on BLM land soon. Their restrictions run from November 15th until May 1st. No vehicles are allowed during that time so as to disturb these areas so folk will have to walk in order to collect there.

We will be finding out things that are going on for next summer so we can advertise our club and happenings and perhaps attend shows also.

Show and Tell: Cecil brought some wonderful things to share and Roger McMannis showed several great specimens he and Dianne had found recently. He had some nice jasper gathered last Saturday near Riverton. Linda DiGiro did find what Jim was sure was jade crystals on quartz. So come on out to the field trips or bring your individual finds to share with the club.

Jim Gray called to adjourn the meeting, and with everyone agreeing, we moved on to draw for the door prize. Tina Shaffer won a beautiful Selenite Crystals specimen from Madagascar and we had a great time with the silent auctions. Don't forget we are looking for members to share their finds and donate rocks, etc for the door prizes and silent auctions. Items for the silent auction do not need to be rocks, can be anything.

Our next meeting will be October 15th, at the Bench Grill (back dining room) at 1pm. Come early and have lunch out front before the meeting.

Also always thank everyone for their input into the meeting, the club and supporting the field trips. If anyone has a place they would like to go on a field trip please let us know.

Respectfully submitted,

Debby Jess, Secretary

Jim Gray, President

Mike Schaffer, Vice President

Leane Gray, Treasurer

Natrona County Rockhounds Report

Over the last couple of years NCRC members have been working on updating our club rock shop after we had to repair the roof after a wind storm. We had a bit of money left over from the roof repair to facilitate new bathroom toilets, sinks and siding for a shed that stores the gear needed to put on the NCRC Gem and Mineral Show every year.

The siding repair started out as a simple 1 day job to install siding to the walls of the old stucco shed.

After about an hour of trying to get nails, screws, even a sled hammer through the stucco we opted to tear it off and start with bare walls. 4 trips to the dump, 9 people and 5 hours later we had bare walls.

The next works session last month to install the siding only took 6 people and 3 hours. We still have to install a nice door but it already looks 100% better

Submitted by Jennifer Flowers NCRC Treasurer.



The Cheyenne Club's Christmas Party

The Christmas party will be on December 10th at the Orchard Valley Community Center.

As in the past, dinner will start at 6:00. The club will provide turkey and ham.

Please bring a dish to share and also your own table service.

We also need help setting up the tables and a Christmas tree that needs to be decorated.

Don't forget the fun part of a gift exchange. The gift should be appropriate to the club.

The Cheyenne Mineral & Rock Show

May 13-14, 2017

Archer Complex Laramie County Fairgrounds

Jan Shively, Show Chairman Email: cheyennemgs@wsmsg.org

WSMGS State Rock Show

June 24-25 2017

Fremont Center, Riverton, WY

Wyoming's Sandbox: Opal, Agate, Chalcedony, Jasper, Flint

Hosted by Riverton Mineral & Gem Society for info visit www.rivertonmgs.com.

LAPIDARY HINTS

RAISING A CABOCHON

When a cabochon sits too low in a bezel, the bezel hides a lot of the stone. The solution is to either sand down the bezel height or boost up the stone. If you're going to raise it up, question is what is the best material to use ?

I was taught to use fine sawdust but now think that might be a problem when used in rings. I reason that rings will frequently get wet, which would cause the sawdust to swell in size and push the stone against the bezel. Then when the sawdust dries out, the stone would be a little loose.

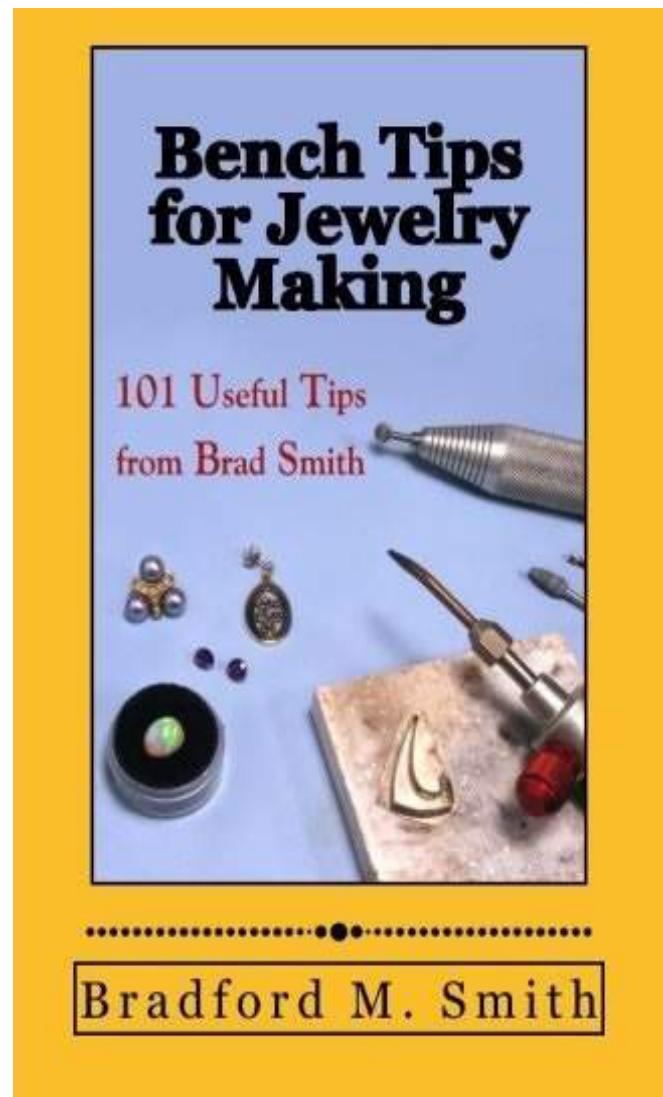
In any case, I now prefer pieces of plastic sheet to boost up my stones. Pieces are readily available from product packaging or from old credit cards. I just cut a piece to loosely fit the bezel and drop in the stone (with some dental floss) to check it's height.

TRANSPARENT CAB

When bezel setting a transparent cabochon in silver, I usually cut out the back of the bezel to allow background light to show off the colors and patterns in the stone. If this is not possible or appropriate, I worry that the silver bezel will tarnish under the stone and will ruin its brilliance. What to do? My solution is one extra step before setting the stone. I place a piece of thin silver My-

lar plastic under the stone to act as a mirror that will never tarnish. Mylar is readily available in craft and gift wrap stores, or in a pinch from a party balloon supplier. You may even want to experiment with using colored or patterned Mylar (i.e. diffraction pattern) under some stones.

[Adapted Reference:
Brad's Bench Tips-September 2016 -
www.BradSmithJewelry.com]



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 7:00 p.m. Park
County Courthouse, Cody

President: Ron Bice
Vice-President: Joy Lyons
Treasurer: Roger Lyons
Secretary: Linda Jennings
JSN: Linda Jennings
Historian: Jackie Platt



Shoshone Rock Club

P.O. Box 256,
Powell, WY 82435

shoshonerockclub@wsmgs.org

Meets 2nd Tuesday 7:30 p.m.
Powell Library,
317 E. 3rd Street, Powell

President: Gary Olson
Vice-President: Mary Vogel
Treasurer: Linna Beebe
Secretary: Linda Thomas
JSN: Linna Beebe
Historian: Linda Beebe



Cheyenne Mineral & Gem Society

P.O. Box 21412
Cheyenne, WY 82001

cheyennemgs@wsmgs.org

Meets Sept. – May 2nd
Wednesday 7:00 p.m.

LCCC Health Science Bldg., 1400 E.
College Dr., Room 309, Cheyenne

President: Donna Arnold
Treasurer: Jan Shively

Natrona County Rockhounds

P.O. Box 123,
Casper, WY 82644

natronarockhounds@wsmgs.org

Meets 1st Thursday 7:00 p.m.
Clubhouse, 5211 Rambler, Mills

President: Mac Goss
Vice-President: John Hines
Treasurer: Jennifer Flowers
Secretary: Carla Tillman



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: Leroy Meiniger
Secretary: Joyce Trowbridge
JSN: Joyce Trowbridge
Historian: Joyce Trowbridge



Riverton Mineral & Gem Society

P.O. Box 1904,
Riverton, WY 82501

rivertonmgs@wsmgs.org
www.RivertonMGS.com

Meets Sept.–May 2nd
Monday 7:00 p.m.
303 E. Lincoln, Riverton

President: Alice Gustin
Vice-President: Cathy Cline
Treasurer: Melvin Gustin
Secretary: Kim Brown
JSN: Kim Brown

Sublette County Rock Hounds Club

P.O. Box 1351 Big Piney, WY 83113

subletterockhounds@wsmgs.org

Meets 3rd Saturday 1:00pm
The Bench Grill,
415 Winkleman, Marbleton, WY

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

Happy Holidays

