

Jade State News

Wyoming State Mineral & Gem Society, Inc.

Award-Winning WSMGS Website: wsmgs.org

Volume 2022, Issue # 1



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The WSMGS conducts meetings quarterly and as special events require.

Rock Art Can Brighten Your Day

By ILENE OLSON

Jade State News Editor

Talk to any rockhound after a successful rock hunt, and they'll tell you they're having a good day. But it turns out that almost anyone's day can be improved by finding a fun rock.

Nothing illustrates that better than the smile on Hayley Rhodes' face when she found a rock that had been hidden at a store in Cody, Wyo.

"My daughter found this cute little rock!" Heather Rhodes of Cody wrote on the Cody Rocks! page on Feb. 23.

Smiles are harder to come by these days for Heather and her children, since her husband and their father, Dustin, died in November. An unexpected smile brought on by a special rock find

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Hayley Rhodes of Cody, Wyo., smiles after finding a painted rock in a local store in February. Photo by Heather Rhodes

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Rocks Can Make A Day Brighter

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'We absolutely adore this rock!' Hannah Schmidt posted on Facebook after finding it. Photo by Hannah Schmidt

is priceless.

Cody Rocks! is a Facebook group begun in 2017 by Heidi Galagan, formerly of Cody, and now of Casper, Wyo.

"I started the group in Cody after visiting some friends in Casper where there was a group," Galagan said. "At the time, I was looking at a way to spread a little good in a world that was full of stressors.

"My original goal was just to make some people smile, if even for a minute. I originally got together with a couple of other people and painted a bunch of rocks, hid them around town in places I hoped would be easy to see, and created the group.

"It is sort of a treasure hunt," Galagan said. "If you find one, take a photo and post it. You can then either leave it there, re-hide it somewhere else, or take it home.

"You can add your own rocks to the treasure hunt, too. You don't have to be Picasso, just draw what you like."

She admonishes group members to keep it appropriate, then adds, "Thank

you, and have fun!"

The idea caught on, and several people have joined Galagan to keep the project going.

It's obviously working. A glance at the group's page shows photos of rocks people have found, often with a note about where they were found. Most finders say they will re-hide the rocks for the next person to find.

Rock painters regularly post pictures of rocks they're ready to hide as well, and they seem to enjoy it as much as the people who find them.

Some rock artists paint pictures of nature and wildlife.

"Catch and release for these fantastic fish finds," John Chaffey wrote after finding two rocks featuring artistic paintings of fish. "Will rehide shortly."

Other rocks are comical, while some sport colorful designs. Some rocks are painted to observe a holiday, others are patriotic. Some feature



'Found by Maverik in Cody,' Brenda Suko wrote. Photo by Brenda Suko

sports teams; others provide uplift and encouragement.

Chaffey and other artists recently painted some rocks in support of Ukraine.

Heather Rhodes said she and her



Two Cody middle-schoolers show the rocks they painted during a rock-painting class at Cody Middle School. They plan to keep these rocks. Their teacher, Heather Edwards, said students like the freedom to paint whatever they want to, the way they want to.

Photo by Heather Edwards

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Rocks Can Make A Day Brighter

(Continued from Page 2)

children enjoy participating in Cody Rocks!

"It really brightens the kids' day," she said. "They've painted a few of them and hidden them, and they get excited when somebody finds them."

A quick visit to Cody Rocks! on Facebook shows the rocks that people have found.

Heather Edwards teaches a rock painting class at Cody Middle School.

"The students really like it," she said. "They can just be themselves and paint what they want to."

Those who wish can hide their rocks during the last class of the quarter.

"Getting to go out one Friday each quarter is just the icing on the cake," Edwards said.

Meanwhile, nearly 7,000 miles away,



'Pray for Ukraine,' by John Chaffey

another artist uses rocks to create a different kind of art.

Instead of painting rocks, artist Nizar Ali Badr of Syria picks up small, smooth rocks of varying sizes, shapes and colors, then puts them together to create artworks of stone.

Some of his art expresses the beauty and joy he sees around him.

But often, his rock art is heart-wrenching, such as scenes of families that were forced from their homes during Syria's civil war, carrying children and heavy burdens on their backs.

Expressing his thoughts through his stone art helps him deal with emotions that keep him awake at night, Nizar said.

When he first started, Nizar glued rocks to a base to make his art permanent. When glue became too expensive, he began taking pictures of his artwork to preserve it, then reusing the stones in another creation.

To view more of Nadir's art, visit www.bbc.com/news/world-middle-east-39064088/ or www.youtube.com/watch?v=UmoPKZHdVV0/.



One of about 2,000 works of art created by artist Nadir Ali Badr of Syria. Nadir collects small stones from the seashore near the Syrian-Turkish border and arranges them to create scenes of beauty or heartbreak. Photo credit: Nizar Ali Badr

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Guernsey Area Yields Some Beautiful Rock Finds

Guernsey isn't the first place that comes to mind when you think about hunting rocks in Wyoming. But it is a favorite rockhounding area for Jason Bachmann of Torrington. Bachmann never knows what he's going to find when he goes out, but he's sure it will be something good.

**By Jason Bachmann
Rex Young Rock Club**

On rockhounding mornings, I get up early. I'm excited for the day, never knowing what I'm going to find out there!

Every time a rockhounder goes out, it's possible you can uncover or spot that gorgeous gem, crystal, fossil or rock that has never been seen by anyone before. That's the thrill of the hunt. Sometimes these treasures need to be dug out of the earth, but where I rockhound east of Guernsey, the rocks are just lying there, wait-



Jason Bachmann

to be Some rock-to the hobby; have collected When I left rock collection started collect-about 15 years Montana. I ed for Lake Su-my home state several years.

hounds are new others, like me, since childhood. for college my was lost, but I ing rocks again ago in Miles City, also rockhound-prior agates in of Minnesota for

I've been here in southeastern Wyoming for eight years now. I hunt here all year, during cold winters and hot summers. While snakes are prevalent in the Guernsey area,



Rocks found near Guernsey by Jason Bachmann. Top: Banded iron formation. Center left: Aventurine (quartzite). Center right: A colorful conglomerate. Above: Petrified wood. Left: Brown chert, with some type of coral imprint. Photos by Jason Bachmann.,

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Rock Hunting in the Guernsey Area

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I've only encountered two in seven years of rockhounding.

You can find a great variety of "keepers" out here. Jasper, banded chert, colorful quartzite, agate, pink and white banded sandstone, yellow chalcedony and banded iron formation are just some of what you can find here. Some of these can be nicely banded and some have beautiful colors and patterns which make them excellent display pieces.

Occasionally, I will find a wonderful sparkly druzy-covered botryoidal quartz (some of these I have found are very similar to Wyoming's famous Youngite). Or even more rarely, I will find what I call a "winner," or a "front-pocket rock" — because I don't want to take a chance of losing it out of my bucket — a beautiful fortification banded agate!

The unique colorful quartzite conglomerate can be the nicest display pieces you will ever find. Some of Wyoming's more famous rocks and gems, like jade and anthill garnets, can't be found near my rockhounding spots, but the color, banding variety, and sheer beauty of the rocks you can find here make it a worthwhile and rewarding rockhounding destination for anyone.

I enjoy showing my finds at the monthly meetings of the Rex Young Rock Club here in Torrington. Also, check out my finds on the Facebook group Wyoming Rockhounder and the group Rockhounds. Good luck rockhounding, and I'll see you out there!



Jason Bachmann found this rock, which he believes is Youngite, in the Guernsey area. Photo by Jason Bachmann



More rocks found near Guernsey by Jason Bachmann. Above: Shell imprints in jasper. Bachmann notes that Wyoming was a shallow sea in the ancient past. Right: A close-up of a jasper/agate with lacy banding and coincentric rings. Far right: Hartville Uplift fortification banded agate. Photos by Jason Bachmann

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Transcontinental Railroad and Phosphates in Northern Utah

Editor's note: This story was condensed from an article in the March 2022 edition of the Rocky Mountain Federal Mineralogical Society Newsletter.

By Mike Nelson
Colorado Springs Mineralogical Society

csrockguy@yahoo.com

I have been interested in Utah geology since leaving South Dakota and Kansas in 1967 and heading to the University of Utah for three years of grad school. Since rambling around the state on “field trips” was an important part of the curriculum, I became enamored with the great variety of rocks, minerals, and fossils “out there” for picking.

And picking and digging I did, but mostly for fossils. I also found that after leaving the Wasatch Front in any direction the country was pretty wild and sparsely inhabited (not so much today, 54 years later)—perfect for a geologist and nature lover.

My intense interest in Utah minerals never really started until I took my leave from academe, moved to Colorado Springs, and joined the Colorado Springs Mineralogical Society. When unpacking a few boxes that held Utah “stuff,” I was surprised at how many Utah minerals I had previously collected and stored away (for decades); it was time to sort, curate, collect, purchase, add to the collection, and write.

One of the first specimens I nabbed in my new quest was from a rock/mineral shop in Ogden and was the



Photo taken at Promontory Summit on May 10, 1869, at the completion of the Transcontinental Railroad. The telegrapher sent the following message: D-O-N-E at 12:47 p.m. Photo credit Deseret News archives

green gemmy phosphate labeled variscite, collected from the “Lucin Locality” in far northwestern Utah. Box Elder County, home of Lucin, is a huge hunk of land stretching from the Wasatch Front at Ogden, north along I-15 to the Idaho state line and west to the Nevada state line. It also takes in the northern half of Great Salt Lake.

Lucin is a well-known term in Utah due to the “Lucin Cutoff.” The original Transcontinental Railroad ran from Ogden, in the Wasatch Front, west toward Wendover, Nevada, on the state line.

Instead of detouring north around Great Salt Lake, the railroad in 1901 started construction of a trestle (about 12 miles) and a causeway across the

lake, rerouting the railroad in the general direction of Wendover. The cutoff shaved about 44 miles off the length of the railroad and eliminated numerous curves needed to cross the Promontory Mountains north of the lake.

Old Lucin was a water stop for the railroad, situated near the Nevada-Utah state line. With the cutoff, its residents were about to lose their livelihood. So they packed up, “lock, stock, and barrel,” and moved south 10 miles to establish a new water stop at New Lucin; hence, the Lucin Cutoff was in place. By 1959, the Central Pacific Railroad completed a causeway across the entire lake, eliminating the

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Transcontinental Railroad

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need for a trestle.

Mines in the Lucin District produced, from 1870-1955, about \$3 million (year of value unknown) of low-grade copper and iron from over 6,000 mines, pits, badger holes, and other miscellaneous diggings (Blue, 1960). Today, New Lucin is a deserted (perhaps a solitary resident) "ghost town" today.



The original route of the Transcontinental Railroad and the Lucin Cutoff. Map public domain with author unknown.

The best-known mineral collected from Box Elder County is the green phosphate variscite (but probably metavariscite). The Lucin phosphates were first collected and mined in the early 1900s by Frank Edison and Edward Bird on their Uthlith Hill Claim. Since 1910, there have been a variety of rockhounds and claim owners prospecting on the hill, mainly for variscite.

Today, there is a small open pit that was previously mined, but Marty and others (1999) stated "the mineral and surface rights originally belonged to the Union Pacific railroad. Santa Fe Gold/Newmont recently acquired the mineral rights. The property is presently under lease..." I don't know what has happened in the last few years since the Marty paper.

Of the minerals at Uthlith Hill, one of the more rare and most interesting is minyulite, a hydrated potassium aluminum phosphate $[KAl_2(PO_4)_2(OH,F) \cdot 4H_2O]$. The orthorhombic crystals are prismatic, elongated and usually terminated. Most crystals are colorless, although some may exhibit shades of pale white, light green, or yellow. Crystals are tiny, usually a millimeter or two, transparent, soft (~3.5

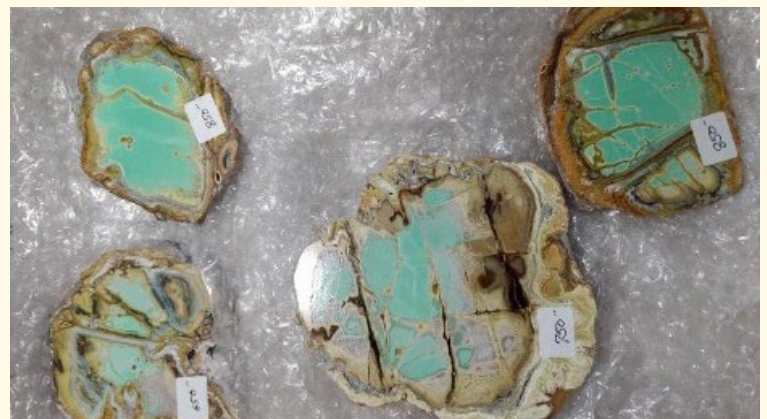
Mohs), and often form radiating spherules or sprays. The luster ranges from vitreous to silky.

Marty and others (1999), in their definitive article on the Uthlith minerals, noted that minyulite crystals were limited to one et and that inaccessible. formation on collector of except that it was in the of Shannon Arizona.

Minyulite mineral an original is a secondary that needs phosphate mineral(s) to form. At Lucin, the secondary phosphates formed from hydrothermal solutions percolating through, and dissolving, ions in the Meade Peak Member of the Permian Phosphoria Formation. The phosphatic limestone and chert of the Phosphoria is highly brecciated and allowed fluids heated by nearby igneous intrusions to roam through the rocks and reach cooler temperatures, where crystallization of the secondary phosphates occurred. Minyulite is probably the last secondary phosphate to crystallize (Marty and others, 1999).

References

- Blue, D.M., 1960, geology and ore deposits of the Lucin Mining District, Box Elder County, Utah, and Elko County, Nevada: M.S. Thesis, University of Utah.
- Marty, J., D. G. Howard, and H. Barwood, 1999, Minerals of the Uthlith Claim, Lucin, Box Elder County, Utah: Utah Geological Survey Miscellaneous Publication 99-6.



Variscite nodules from the Little Green Monster Mine at Clay Canyon in the Oquirrh Mountains. Photos courtesy Mike Nelson

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The Many Facets of Quartz

By Linda Thomas

Shoshone Rock Club, Powell Wyoming

Quartz minerals are some of the most plentiful minerals on earth. There are so many different colors and shapes that it is nearly impossible to address all of them.

Clear quartz is one of the most identifiable. Its crystal form is six-sided and ranges from very tiny, nearly pin size, to those that would fill a large room and larger. Quartz vibrates at 20,000 times a second at a steady rate. This makes it very useful for use in watches, lasers and many other things. As time passes, the natural mined material is being manufactured in labs and I would assume that it is more affordable to those using it.

Quartz has many colors and is one of the harder stones so it is perfect for jewelry. It can be shaped into cabochons, eggs, spheres, pyramids — anything you can imagine. With the vibrant colors available, amazing items can be created.

Amethyst is the purple variety of quartz. The color likely comes from iron impurities heightened by exposure to radiation. Radiation is a factor in many of the colors. Smoky quartz is the result of that exposure and the presence of aluminum. The yellow to orange colors of Citrine is due to aluminum or iron impurities in varying levels. Rose Quartz,



Linda Thomas holds up a large quartz crystal from her collection during her presentation at the Shoshone Rock Club in Powell earlier this year. JSN photo by Ilene Olson



Above: A small Herkimer Diamond is embedded in Cambrian Dolostone, with another Herkimer Diamond stuck on top of the first. Underneath, a tiny Herkimer Diamond hides inside a small cavern in the rock. Herkimer diamonds are a form of quartz. Right: A formation of yellow crystals. JSN photos by Ilene Olson



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The Many Facets of Quartz

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the lovely pink variety of quartz, is due to the presence of manganese.

Quartz crystals can form with other minerals within the point. The more common is rutilated quartz. The rutiles can be a gold or silver color or even red. Tourmalinated quartz has black tourmaline within it. Phantom quartz exhibits the shape of another crystal inside. These can be a lot of different colors. I have green, red, blue and white phantoms in my collection.

I tend to gravitate to the energy of the stones as I work with them in helping people to heal. Each stone has its own energy and therefore aids us in different ways. Even the colors have a vibration.

As everything is energy, connecting with the stones is one more way of helping ourselves.

I hope you enjoy your journey into the realms of the many facets of Quartz.



Iridescence visible inside a large quartz crystal. JSN photo by Ilene Olson

AFMS Code of Ethics

From the American Federation of Mineralogical Societies Newsletter

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

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Safety With Children

From “Kid Safety,” in the American Federation of Mineralogical Society’s March 2022 newsletter

**By Ellery Borow
AFMS Safety Chair**

Kid safety begins with adult safety. Adults learn in multiple ways. Some read the directions and instantly understand the material and get the nuances. Some read the material, work with instructors, see demonstrations, ask questions and need all those aspects to get it. Some rarely read the book, don't ask questions, and somehow manage with the trial-and-error approach. They are all genuine and useful approaches to learning, but each has various pros and cons.

Kid safety is different. Most kids do not have the background to read a manual and then understand all the material.

For kids (and adults), the trial-and-error approach to learning safety is a non-starter. The middle option is usually the best for safety — read the material, work with instructors, see demonstrations and ask questions.

Many kids are not all that interested in reading safety manuals or being lectured by adults. So here we are with what is left part instruction, part demonstration, and part asking questions.

Many safety matters require a measure of judgment. Adults may have had sufficient experience with safety to make good judgments. Kids do not usually have as much experience. Keep that in mind so that more complete explanations of safety matters can be offered to kids when presenting demonstrations and discussions.

Safety requires a good measure of effort. We want our kids to be safe, want our kids to share in the family hobby we love, and have fun in the process. Putting all that together, we adults need to make a concerted effort to devise safety plans to engage, teach,

ensure understanding, and make the learning as fun as possible for kids.

The thing that makes this easier is that kids are like sponges — they soak up all they see, hear, touch, taste and smell. To grow and become a part of the world, kids will absorb all that interests them and that which might not yet be so interesting — but it is still taken inside for future reference.

Kids watch one another and they watch adults. One of adults' greatest teaching aids is to be a role model of good safety practices. Take the guy who is walking across a pile of loose rock and slip sliding along the way. Kids will look at that and think, “OK, it's being done by an adult and is ok to do.” And yet, it is so very easy to lose one's footing and fall down the slope if they try such a traverse.

If kids see an adult chipping a rock with a rock pick while not wearing safety goggles, the kid might think that it is safe for them to do so as well. Yes, kids watch their parents set good examples; however, they also watch all adults. Adults — ALL adults — should model good safety practices.

Kids may see and hear a demonstration on the importance of wearing gloves. They may be told how sharp quartz shards can be after hammering. What might some kids do with a sharp shard? Some might be curious as to what they can cut with it — so they might try cutting the draw string on their hoodie, cutting their new shirt's sleeve, or their shoelaces.

Kids learn by doing. What better way to judge sharpness than by cutting something? So, give kids some corrugated cardboard to cut. Give kids a direction or opportunity to utilize their energy safely.

Face it, some kids in the family will be interested in rocks and some may not be so enamored. To keep less interested kids busy, try and perhaps find interesting rock things — colors, patterns, and shapes. Then ask them

to describe or draw what they saw. Encourage them to come up with interesting ideas of how the colors, patterns, and shapes formed.

Other kids may be more happy exploring rock history or identification or use. There will be kids who are more interested in reading a mystery novel. That too is cool, so long as they don't start exploring away from the dig site.

Even if kids are not interested in rocks, sometimes they will watch other kids and begin participating in discovery. Sometimes those kids will share in the excitement of other kids as they discover their treasures. They may even enjoy a new friendship in the process.

Make demonstrations of safety easier for kids to accept. Have adults describe and put on goggles or safety glasses first. Kids will then see it is ok for adults and, therefore, okay for them to do so. There are decorative and festive elastics that can be used with goggles to dress them up for kids (and some adults as well).

Most OSHA-, MSHA-, NISC-, NIOSH-approved hard hat suspension systems will fit young adults. One can make hard hats fun with name personalization, rock stickers, and other decorations.

Please be aware, though, that some companies have policies disallowing such adornment. Kid's gloves have some festive styles, although most of them are the garden-style glove, not the heavy work glove. Some small leather gloves in ladies' styles will fit on junior size hands.

Working with kids can be a rewarding, frustrating, cooperative, enlightening and otherwise challenging enterprise, but it is worth the effort to keep kids safe. Always remember that everyone's safety matters — short or tall, big or small.

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Club News



Congratulations to the 2021 Rockhounds of the Year:

Wyoming State Mineral and Gem Society:

Jeffrey Hulings

Northeast Wyoming Rockhounds

Natrona County Rockhounds: Kenny Platte

Sublette County Rockhounds: Mike Shaffer

Sublette County Jr. Rockhounds: Brittany Tatum

Northeast Wyoming Rockhounds: David Brunson

Shoshone Rock Club: Greg Jones

Cody 59ers: Debbie Severeide



2022 Rock Shows

Cheyenne Mineral, Gem & Rock Show



APRIL 30 - MAY 1

8:00 AM - 5:00 PM

Archer Complex

Building M & K

Join us for a Rockin' Time

CHEYENNE MINERAL, GEM AND ROCK SHOW

Hours:

Sat 9:00-6:00

Sun 10:00-4:00

Venue:

Archer Complex Building

Address: 3801 Archer Parkway

Archer Complex Building

Cheyenne, WY 82009

Admission: \$3.00

Children 12 and Under FREE

The show will feature Jewelry, Fossils,
Minerals, Dealers and More!

Free parking

Rock Shows

(Continued)



Sublette County Rock Hounds'

2022 Gem & Mineral Show

June 17, 18, & 19

Sublette County Fairgrounds
10937 Hwy 189
Big Piney, Wyoming

Friday & Saturday 9-5, Sunday 9-4

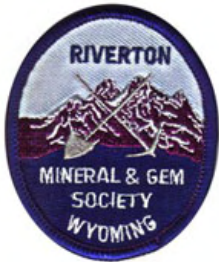
**Dealers, demonstrators, exhibits,
Mr. Bones (dinosaur puppeteer),
field trips, fluorescent mineral display,
kids' activities, food concession & more!**

Contact: jimgray@wyoming.com or schafma1@hotmail.com

Rock Shows

(Continued)

Wyoming State Mineral and Gem Society 2022 STATE ROCK SHOW Riverton Mineral and Gem Society



rivertonmgs.org

Admission:\$2



www.wsmgs.org

Kids Free!
12 and under

JUNE 10 - 12

Fremont Center
1010 Fairground Road

Riverton Wyoming

FRIDAY 12-8

SATURDAY 9-5

SUNDAY 10-3

Beads	Kids!	Silent Auction
Jewelry	Sand Box	Door Prizes
Fossils	Grab Bags	Raffles
Minerals	Lucky Wheel	Demos
Gems	Shaker Box	Field Trips
Lapidary	Displays	Fun for all!

Rock Shows

(Continued)

NCRC presents the 74th Annual

GEM & MINERAL SHOW July 16-17, 2022

**Actual
Raffle
Item**

Sat 9-5 Sun 9-4

**Admission \$3
under 12 free**

Ramkota

Hotel

800 N Poplar

Casper WY

**Raffle: Amethyst Cathedral, hunk of Wyoming Jade,
and much more**

Silent Auctions: WY rocks in the rough

Door Prizes

Demonstrations: Cabbing Demo

Come see Lapidary Gary

Contact: Mac Goss 307.439.9873 macogre13@yahoo.com

Rock Shows

(Continued)

Upcoming AFMS and Regional Federation Conventions

from Walt Beneze

	California Federation	Eastern Federation	Midwest Federation	Northwest Federation	Rocky Mountain Federation	South Central Federation	Southeast Federation
2022	New Date May 6-8 Lancaster, CA corrected date	Sept. 24-25 Harrisburg PA	Springfield MO Sept. TBD		June 17-19 Las Vegas, NV	AFMS & SCFMS October 14-16 New Orleans, LA	Nov. 18-20 Marietta GA
2023			Howell MI Sept. TBD	Billings, MT August 3-6			

We're looking for news from your club!



Is your club doing fun things?

Do you have a story you'd like to share?

Know someone who would make a great Rockhound Spotlight?

Send stories and photos to jsn@wsmsg.org!

Please send club news and photos
for the next issue of Jade State News
by May 15, 2022.

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WSMGS Rock Clubs

Riverton Mineral & Gem Society

P.O. Box 1904
Riverton, WY 82501
rivertonmgs@wsmgs.org
www.RivertonMGS.com

Meets 2nd Mon. 7 p.m.
(Jan.-May, Aug.-Nov.)
Senior Center, 303 E. Lincoln, Riverton

President: Stan Grove
Vice-President: Molly Fauth
Treasurer: Al Zelnak
Secretary: Holly Skinner
JSN: Open
Historian: Open
Field Trips Ted Knowles

Cheyenne Mineral & Gem Society

P.O. Box 21412
Cheyenne, WY 82003
cheyennemgs@wsmgs.org

Meet 2nd Wed. 7 p.m. (August-May)
IBEW Union Building
810 Fremont Street-Cheyenne

President: Open
Vice President Open
Treasurer: Jan Shively
Field Trip..... Mark Shively

Natrona County Rockhounds

P.O. Box 123,
Casper, WY 82644
natronarockhounds@wsmgs.org

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

President: Martin "Mac" Goss
Vice-President: Renee Eddi
Treasurer: Ken Platte
Secretary: Kim Platte

Cody 59ers Rock Club

P.O. Box 1251
Cody WY 82414
cody59ers@wsmgs.org
www.Cody59ers.com

Meets 4th Thursday (Sept-May) 6:30 p.m.
Park County Courthouse, EOC room,
1002 Sheridan Ave., Cody

President: Greg Jones
Vice-President: ... Stephanie Melbraaten
Treasurer: Aubrey Smith
Secretary Nella Flurkey
Historian: Stan Strike
Field Trips Greg Jones



Sublette County Rock Hounds Club

P.O. Box 1351
Big Piney, WY 83113
subletterockhounds@wsmgs.org

Meets 1 p.m. 3rd Saturday (March-Dec)
The Bench Grill
415 Winkleman, Marbleton

President: Jim Gray
Vice-President: Mike Schaffer
Treasurer: Leane Gray
Secretary: Deb Jess
Field Trips Roger McMannis

Shoshone Rock Club

P.O. Box 256,
Powell, WY 82435
shoshonerockclub@wsmgs.org

Meets 2nd Tuesday 7 p.m.
Powell Library
317 E. Third St., Powell

President: Gary Olson
Vice-President: Elyse Lynn
Treasurer: Cheryl Thomas
Secretary: Linda Thomas
JSN: Ilene Olson
Historian: Open
Field Trips Dorine Strom

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 Ave., Torrington

President: Kim Nielsen
Vice-President: Ed Verplancke
Treasurer: Helen Vogel
Secretary: Joyce Trowbridge
JSN: Joyce Trowbridge
Historian: Joyce Trowbridge

Northeast Wyoming Rockhounds

2107C N. Hwy 14-16
Gillette WY 82716
newyrockhounds@wsmgs.org

Meets odd # months
Check email for dates

President: Dennis Brown
Vice-President: Juli Roller-McDougall
Treasurer: Open
Secretary: Open

WSMGS Electronic Board Meeting

January 2022

I. Electronic Meeting Instructions to Board Members:

As a WSMGS Board Member, I 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 Monday, March 29. If you have questions about any item call, text, or email 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.

II. President's Report by Jim Gray:

A. WSMGS 2022 Annual Show will be hosted by Riverton Mineral and Gem Society.

B. Please we need clubs to send in a list of activities, field trips, etc. to WSMGS Historian (Roger McMannis) and copies of meeting minutes once a month, after the meetings, or annually so they can be archived. Would like to post club activities in Jade State News.

C. If any Club has any questions, concerns, or needs please let me know and I will do my best to help.

D. We need members to help write articles for the Jade State News Letter, please send to me and I will proof read them and send on to be edited into the News Letter, pictures of field trips, club meetings or activities will be welcome. Or send to JSN@wsmsg.org

E. Scheduled shows as of today:

a. Cheyenne Gem and Mineral Club, April 30, May, 1 2022

b. Riverton Mineral and Gem Society June 17, 18, 19, 2022 Hosting WYOMING STATE GEM AND MINERAL SHOW.

c. Sublette County Rockhounds June 17, 18, 19, 2022.

d. Natrona County Rockhounds July 16, 17 2022.
(Date change)

e. Northeast Wyoming Rockhounds in September. These dates have gone to the WSMGS Webmaster to put on the WSMGS website.

F. State clubs in the past have helped the club doing the state show by donating, tumbler rock, rock for silent auction, cash donation to help with advertising, etc. So if your club wants to help Riverton, let them know so they can plan.

G. WSMGS will have a sales table at the STATE show. We are asking for donations in the form of rock, used equipment, whatever you have that can be sold to help fund the WSMGS would be greatly appreciated, this is the only fund raiser that the WSMGS has.

III. Vice President's Report by Linda Richendifer:

A. Annual Election of Officers forms are to be submitted to Linda as soon as possible so the new WSMGS directory can be completed.

Annual membership report follows on Page 18.

IV. Secretary's Report by Leane Gray:

A. Prior Electronic WSMGS Board Meeting Minutes are printed in the Jade State News, which are available online: wsmsg.org under the heading Newsletters.

B. Annual WSMGS Directory is being revised and will be sent to the WSMGS-affiliated Clubs in the very near future. In compliance with the privacy act, this directory is not meant for publication nor sharing with non-members.

V. Treasurer's Report by Mac Goss:

WSMGS Club Report Reminders

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.

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 Dec. 2, 1969

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WSMGS Electronic Board Meeting

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Cody 59ers Rock Club	February 1, 2012
Natrona County Rock Hounds	April 15, 1954
Rex Young Rock Club	Not Incorporated
Northeast Wyoming	November 8, 2018
Riverton Mineral & Gem Society	August 17, 2012
Shoshone Rock Club	February 8, 1962
Sublette County Rock Hounds	March 21, 2018
WSMGS Board Incorporated	November 23, 1964

The treasurer's report follows on **Page 19**.

VI. Historian Report by Roger McMannis:

A. Reminder that all WSMGS clubs need to send activities and meeting minutes or annual reports please.

B. Please email them to Roger McMannis: hist@wsmsg.org OR mail to him P.O. Box 1081- Big Piney, WY 83113.

VI. Jade State Newsletter by Ilene Olson:

Clubs are encouraged to submit news items, articles, 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.

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 Rock Stars!

Check out former winner write-ups on the WSMGS website: wsmsg.org-Menu-WSMGS Topic Library-WSMGS Awards. Rock Star Nominations: please submit these

nominations with a descriptive paragraph and photo to the JSN. There is not an award associated with the nominations; it is a recognition.

VII. WSMGS Website by Marlene Sibley:

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

VIII. Old Business: N/A this meeting.

IX. New Business:

Please vote AGREE or DISAGREE to the four action items.

*** **VOTE Action Item #1**- Agree or Disagree issue a check to Ilene Olson, for supplies to publish the Jade State News. \$75.00 **All members agreed.**

*** **VOTE Action Item #2**- \$75.00 gift certificate for Marlene Sibley, WSMGS Webmaster. **All members agreed.**

*** **VOTE Action Item #3** Purchase comprehensive and collision insurance for the WSMGS trailer, pulled by any driver, for \$429 a year with \$1,000 deductible on \$10,000 contents; \$500 deductibles on collision and comprehensive. **All members agreed.**

*** **VOTE Action Item #4** Have the trailer wheel bearings repacked before the annual show in Riverton. **All members agreed.**

X. Meeting Adjourned- Friday, January 28, 2022.

WSMGS – 2021-22 MEMBERSHIP REPORT

CLUB NAME	ADULTS	JUNIORS	PEBBLE PUPS	LIFE HONORARY	TOTAL
CHEYENNE MGS	50	0	0	17	67
CODY 59ers RC	43	8	1	12	64
NATRONA CO RC	77	1	0	8	86
NE WY RH	14	0	0	0	14
REX YOUNG RC	18	0	0	0	18
RIVERTON MGS	196	7	4	9	216
SHOSHONE RC	43	0	0	9	52
SUBLETTE CO RH	180	22	17	5	224
TOTALS	621	38	22	60	741

(Continued on Page 18)

WSMGS Electronic Board Meeting, March 2021 (Continued from Page 17)

WSMGS Treasurer's Report — January, 2022

Action	Date	Description	Expense	Revenue	Running Balance	Bank Balance
Deposit	7/1/21	Donation — Jim Gray		\$5.00	\$4,897.03	
128	7/8/21	Natrona Co. Rockhounds Meal allowance	\$200.00		\$4,697.03	
129	7/9/21	Roger McMannis-travel expenses	\$150.00		\$4,547.03	
130	7/10/21	Linda Reichendifer-travel expenses	\$150.00		\$4,397.03	
131	7/11/21	Stan Strike-travel expenses	\$150.00		\$4,247.03	
132	7/12/21	8th Street Ivy-gift to Marlene Sibley	\$50.00		\$4,197.03	
133	7/13/21	ALAA-Annual dues	\$50.00		\$4,147.03	
134	7/14/21	West Texas Trail Museum	\$100.00		\$4,047.03	
135	7/15/21	Ilene Olson-travel expenses	\$150.00		\$3,897.03	\$3,897.03
136	VOID	VOID			\$3,897.03	
Deposit	8/6/21	Proceeds Silent Auction at state show		\$1,440.00	\$5,337.03	
Deposit	8/17/21	Donation — Jim Gray		\$5.00	\$5,342.03	
Deposit	8/24/21	Donation — Mac Goss		\$5.00	\$5,347.03	\$5,347.03
Debit card	9/13/21	Page website renewal	\$55.96		\$5,291.07	
Deposit	9/20/21	Annual Dues — NE Wyoming Rockhounds		\$21.00	\$5,312.07	\$5,312.07
138	9/28/21	Wyoming Secretary of State, registered age	\$5.00		\$5,307.07	
Deposit	10/20/21	Donaontion - Mac Goss		\$5.00	\$5,312.07	\$5,312.07
Debit card	11/1/21	Wyoming Secretary of State, annual filing	\$52.00		\$5,260.07	
Deposit	11/17/21	Annual Dues—Natrona and Shoshone		\$181.50	\$5,441.57	
Deposit	11/23/21	Annual Dues — Riverton M&G Society		\$304.50	\$5,746.07	
Deposit	11/29/21	Annual Dues - Sublette County		\$303.00	\$6,049.07	\$6,049.07
140	12/3/21	Ilene Olson-JSN editor Supplies	\$75.00		\$5,961.17	
139	12/31/21	RMFMS — Annual Dues	\$12.90		\$5,961.17	
Bank chg	12/31/21	Bank Charge	\$10.00		\$5,951.17	\$5,951.17
Deposit	1/19/22	Annual Dues — Rex Young		\$27.00	\$5,978.17	
Deposit	1/19/22	Annual Dues — Cheyenne and Cody		\$151.50	\$6,129.67	\$6,129.67

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We hope to see you at a
rock show this summer!