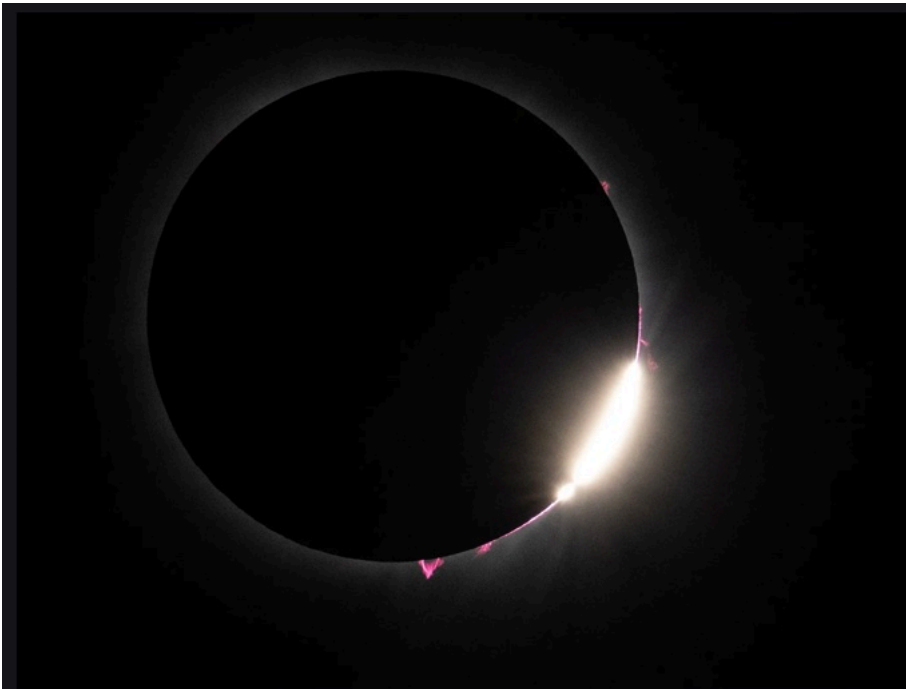
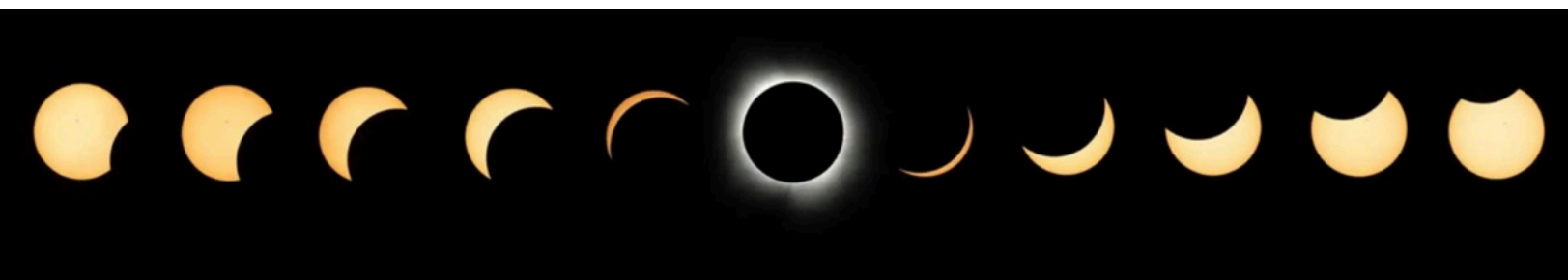


SDO/AIA 304 2024-04-08 18:37:30 UT



Baily's Beads and solar prominences are seen just after totality in Dallas on Monday, April 8, 2024.
NASA/Keegan Barber

NASA's Solar Dynamics Observatory (SDO) captured this image of the Sun on April 8, 2024, a few minutes before totality in Dallas.
NASA/SDO



Bottom photo: Total Solar Eclipse. 2024. 0408.NASA by Keegan Barber



May 2024



The Rocky Mountain Federation News

The official publication of the Rocky Mountain Federation of Mineralogical Societies, Inc. The RMFMS is a regional member of the American Federation of Mineralogical Societies, Inc. Email receipt of the *RMF News* is a privilege of membership in the RMFMS, and it cannot be exchanged by the editor for individual club newsletters from other regional federations. Accessible to the public on www.rmfmts.org.

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Information for the **June** issue is due to LJGRALG@aol.com by **May 15**.

President's Message

Bob Regner, RMFMS President



This President's Message is once again going to be fairly short, and for this I am sorry, or, you are welcome, depending on how much you enjoy, or don't enjoy this part of the Newsletter. I am one month out from my back surgery and having my normal complications, so I am a bit slow on the uptake.

I have a little bit of the good news and a little bit of the bad. I have had two resignations from board positions; however, I have filled five of the other vacancies. Please look at the list of Officers and Standing Committees to check out the changes. Our own Liz helped find us several of these new members, so thank you Liz!

We do still need a few more positions filled so please ask around your clubs at your next meeting. We need two more people for Uniform Rules, a Boundaries Chair, Lapidary Technical, a Safety Chair, and PLAC for NM/TX. If anyone is interested, please have them give me a call to discuss this. And just a reminder: all these positions are part time and voluntary and do not take up much time.

If you need to update your information for officers, directors, and committee chairs, below are the names and contact information for people recently added to the positions listed:

- Wyoming State Director, Leane Gray, <lgray at wyoming.com>
- Credentials, Roberta Wagle, <waglemom at gmail.com>
- Public Relations, Brian Crocker, <brianrocktrips at gmail.com>
- Stationary/Trophies, Bennie Thomas, <mygemsrock at gmail.com>
- Uniform Rules, Les Prezmyk, <presmyk at cox.net>

A complete list of all officers, directors, and committee chairs is at the end of this newsletter. They are listed alphabetically by position (officers, then directors, then committees).



May Day or Mayday?

In the USA, May 1 is considered "May Day," a day to celebrate spring with flower crowns, maypole dancing, and making flower baskets to give to loved ones. It is also known as International Workers Day. On the other hand, "mayday-mayday-mayday" is like SOS and means "I need help!" It is an internationally understood term, often used by boat and airplane pilots to request help in an emergency. It comes from the French term, "m'aider," which means "help me."

Welcome to May!

Sources: [https://nationaltoday.com/may-day/#:~:text=Today, specifically in the United,different cultures around the world.](https://nationaltoday.com/may-day/#:~:text=Today,specifically in the United,different cultures around the world.)
"Mayday." *Vocabulary.com Dictionary, Vocabulary.com*, <https://www.vocabulary.com/dictionary/Mayday>. Accessed 29 Apr. 2024.

Rockhound Soapbox

John Martin, CFMS PLAC Chair

john.martin@amlands.org

Rockhounding on Public Lands

On February 29, 2024 an email was sent out from the BLM District in El Centro, CA. with a new [Website for Recreational Rockhounding on Public Lands](#). The website includes definitions, FAQ, "A Guide to Collecting on Public Lands," and Collecting Areas in many states.

Take a look at the New BLM Website "Rockhounding on Public Lands" that has just been posted.

The website contains very good information and the Rockhounding Community needs to engage in a way to take action as to increase the awareness of Recreational Rockhounding on Public Lands!

When you visit the website, Link Below:

<https://www.blm.gov/programs/recreation/rockhounding>

- Check out the Rockhounding on Public Lands on the right side of the page.

- Look at all the states listed there and see if Rockhounding as a recreational activity is listed. If it is, then things are close to being alright.

If it is not listed, you need to contact the BLM in your area (State) and ask that it be included. Work with the Land Managers to help insure that the Recreational Rockhound does not go the way of the Passenger Pigeon. As many Recreational Rockhounds as possible need to do this and make their voices heard by the Land Managers. Recreational Rockhounding needs to be listed as a recognized Recreational Activity in as much detail as reasonable.

This needs to be done on individual, Club/Society, Regional Federation and National (AFMS) levels. Make the voice of the Recreational Rockhound be heard!

I am off my Soap Box, and my Rant is over. The Sphere is in your hand.



(From: CFMS Newsletter April 2024)



Where in the RMFMS is Rocky?

- Spider Rock, Canyon de Chelly, AZ?
- Florissant Fossil Beds, CO?
- Natural Bridge, Bryce Canyon, UT?

Photo at left by Ken Lund, CC BY-SA 4.0 DEED via Flickr, <https://www.worldhistory.org/image/9275/>



Clipart at top by Phillip Martin. CC BY NC ND 3.0. Answers on page 26.

Quick Tips for Editors—Snips from the Past

Linda Jaeger, RMFMS BEAC



LOSE or LOOSE?

[Excerpted from RMF News, 10/2005]

Lose (pronounced looz) is a verb that means something has gone missing. I frequently **lose** my car keys. The past tense is **lost**.

Loose (pronounced loos, with a hissing “s” sound) is an adjective that means unbound or not tight or not readily available (among other things). The tarp covering his trailer came **loose** and was flapping in the wind.

Can’t decide which word is the right one? A dictionary will help!

HOW DO YOU CREDIT an article from another publication?

[Excerpted from RMF News, 4/2004]

At the end of the article write **From** the original source with date published **via** the publication where you found the article with date published. An easy way to remember this is alphabetical order (“**From**” before “**via**”) and dates in numerical order (“5/98” before “10/02”). In other words, the “From” will have the earliest publication date. Only one “via” is necessary – the particular publication from which you copied the article.

Is it “ITS” or is it “IT’S”?

[Excerpted from RMF News, 11/2004]

From A Grammar Comment by Millie Heym:

I was just in the middle of putting together my September newsletter, browsing through possibilities for “borrowed” news bits from other newsletters, and there it was again – that ubiquitously wrong spelling for the possessive pronoun “its.”

Here’s the grammar rule, and it’s (note spelling!) a simple one:

If you are using a contraction of “it is” – then you use the apostrophe. Hence the correctness of “it’s” in my above sentence.

This is the **ONLY** time you use an apostrophe.

If you are referring to the possessive pronoun, as in “this is its best usage” -- there is **NEVER** an apostrophe.

That’s a pretty simple rule – **NEVER an apostrophe, unless it’s a contraction!**

WHAT THE HECK IS WHITE SPACE?

[Excerpted from RMF NEWS, 3/2006]

Have you ever been to a rock show and visited a dealer who had so **MUCH** stuff that you just couldn’t see it all? It would be easier to see what he had for sale if there was a little more space around the items.

Bulletins are the same way. To make your bulletin easier to read, and to entice your readers to sit down for the good read you know you’ve given them, leave some “white space” around your articles.

This means you can break up the type with clipart or graphics or titles in a larger size font or simply leave more “empty” space around your articles. It sure makes it easier on the eyes!

One other thing that improves the readability of your bulletin is the size of the type. 12-point type is the minimum, especially for eyes that now require reading glasses!

(Clip art above from Discovery Channel School Image Gallery, 2003. Permission to use for educational, not for sale publications granted.) RMF News, 10/2006.

Update on Editor and Website Contests

Linda Jaeger, RMFMS BEAC Chair

Here are the latest updates to RMFMS/AFMS contests. Do consider entering some or all of these — or if your club doesn't have something that can be entered this year, go ahead and get started for next year! Dale Brite has been updating the RMFMS website with the same information. Please have a look — he continues to work on and improve this for us! RMFMS website: www.rmfmts.org.

[RMFMS Bulletin Editors Contest Update](#)

We had 44 entries in the bulletin editors contest this year, including three entries that were sent directly to AFMS. Direct entries are for authors/artists who won first place in RMFMS in a category but did not take first place in that category in AFMS. Direct entries must be sent to the regional BEAC (me!). The BEAC then completes the paperwork and sends to AFMS.

All editors who had entries that placed in the top five for RMFMS in the 2024 contest have been notified by email. The top three entries in each category have been forwarded to the AFMS contest, and the national judging is now complete.

This year our RMFMS show/convention is after the AFMS show/convention. That means the AFMS results will be made public before the RMFMS awards are given. The AFMS Editor's Breakfast will be held on May 26, 2024, in Ventura, California. We should have the AFMS results available to be published in the June issue of the *RMF News*.

[2024 RMFMS Regional & AFMS Website Contest](#)

The 2024 website contest guidelines, application and scoresheet have been uploaded to the new AFMS website, www.amfed.org. The forms will be available on the AFMS website and the RMFMS website, www.rmfmts.org.

Webmasters, please consider entering the 2024 RMFMS and AFMS Website Contest. This is a great opportunity to have your site evaluated by winning website judges to help improve your website. Your club Website serves several functions. Three of the major functions of the Website are to:

- Attract new members
- Provide member information
- Assist the Club in fulfilling the Club's Mission.

The Webmaster award not only honors technical expertise but also celebrates the ability to engage and educate online audiences about the fascinating world of the earth sciences.

2024 RMFMS Website Contest

- **Contest Entry Date: August 1, 2024**
- **Contest Closing Date: August 31, 2024**

Webmasters can submit their club website to your regional federation contest as a competitive or non-competitive entry. A non-competitive website entry will be scored, but the entry cannot advance to the AFMS Website Contest and cannot receive any awards.

If you submit a competitive entry and your website scores in the top two for your regional federation, it will advance to the AFMS Website Contest. If your website advances to the AFMS Website Contest and you receive the highest score, you will receive a plaque, and you cannot submit your website competitively for the 2025 contest. You will also be asked to be a judge in the 2025 contest.

Please send COMPLETED Website Contest application and Scoresheet filled out with your club information in the header portion, to: jgerring@gmail.com

For questions and more information contact:
The **RMFMS Website Contest Chair, Jennifer Gerring, jgerring@gmail.com**.

Club Corner – Northwest Arkansas Gem & Mineral Society

DeLane Cox, NWAGMS

Siloam Springs, Arkansas is home to the Northwest Arkansas Gem & Mineral Society. The club was started over 50 years ago by a few people interested in gems and minerals and has grown since. General membership meetings, Kids Klub, and classes are held in an almost 100-year-old former one-room school building that has recently been refurbished.



Although our building is in Arkansas, the mailing address is Oklahoma, since that is where our Corresponding Secretary lives. The club currently has about 100 adult members who live in the three adjoining states. Our Kid's Klub meets before our General Membership meeting each month, and they are learning all about rocks and minerals.

The club tries to have a field trip each month, except for the really cold or really hot months, when trips to an indoor place of interest are scheduled. Nearby Clubs who are in the RMFMS are frequently invited to join us on these field trips.

One of the nice things club members enjoy is our lapidary shop, a small building next to the clubhouse that has lapidary equipment in it. Members may use the shop for a small fee after they have been trained on use of all the equipment. Safety rules require that at least two people must be in the Shop when it is being used.



Above & below left: Club auction at Fall Rock Swap. Below right: A surprise visitor at the Christmas Social!



Club members enjoy hosting our Spring Gem, Mineral and Jewelry Show in April, and a Fall Rock Swap in September. The spring show this year was moved to a new location with excellent results. We had the largest attendance in the Show's 48-year history. A member donated a gem washing sluice trailer to the club, and its use outside the show was very popular with all ages. There was also a commercial Food Truck on site providing lunch, supper, and snacks to visitors and members who were at the Show.

At right: Young visitors learned about dinosaurs at the Gem Show.



continued on page 7

Club Corner, NWAGMS — *continued from page 6*

The club has members who are active in many other activities relating to rocks, such as RMFMS officers, AFMS officers, OSCMS officers, summer learning camps, meeting program leaders for other clubs and Senior groups, and others. And members are always staying active in learning more about our very interesting hobby....rocks and minerals and lapidary skills.

*Photo at left: Youth putting together a show display case.
All photos courtesy of DeLane Cox.*



Where in the RMFMS is Rocky?

- Spider Rock, Canyon de Chelly, AZ?
- Florissant Fossil Beds, CO?
- Natural Bridge, Bryce Canyon, UT?

Photo at left Public Domain
Clipart at top by Phillip Martin. CC BY NC ND 3.0.

Answers on page 26.



Friends of Mineralogy Colorado Chapter Symposium: "Mineral Oddities: Twinning, Inclusions, Pseudomorphs, and More"

Benjamin Murphy, FMCC

The 2024 Symposium will be **June 13-16** at the Mines Museum of Earth Science, Colorado School of Mines, in Golden, Colorado. The program will include field trips (June 13), a mineral photography workshop (June 14), a reception at the Mines Museum (evening of June 14), and two days of presentations pertaining to the theme (June 15-16). <https://friendsofmineralogycolorado.org/symposium/>

See the symposium flyer on page 30 for code to scan.

Wild Thing: Traversing Buffalo Gap and Looking for the Unkpapa Sandstone

Mike Nelson, csrockguy@yahoo.com, Colorado Springs Mineralogical Society



In spring 1965 I made a critical decision or two—what to do with my life after college graduation in Kansas (BS Geology). I had pretty much decided during the fall semester that I wanted to continue my geology education; there was much to learn, and I was excited to explore the opportunities. So, I applied for admittance to several graduate schools with the knowledge that I could not continue my education without financial scholarship/fellowship assistance. Much to my surprise I received some positive replies. These offers came from a variety of institutions ranging from giant NCAA Division 1 institutions down to smaller state and private colleges. That led to my critical decision in spring 1965—to attend the University of South Dakota in Vermillion (a college town that I really had never heard of)! So, it was off to the north land (at least north of my home in Kansas).



Getting ready for the Homecoming parade on the main street of Vermillion, SD ca. mid 1960s. Photo courtesy of southdakotamagazine.com

The decision to attend USD was one of those that was a “good one.” Absolutely no regrets. I was a small-town kid who attended a smaller state undergraduate college and USD was situated in a

small town and was full of small-town kids and a small graduate program—I think there were five of us. Students got much attention from the faculty.



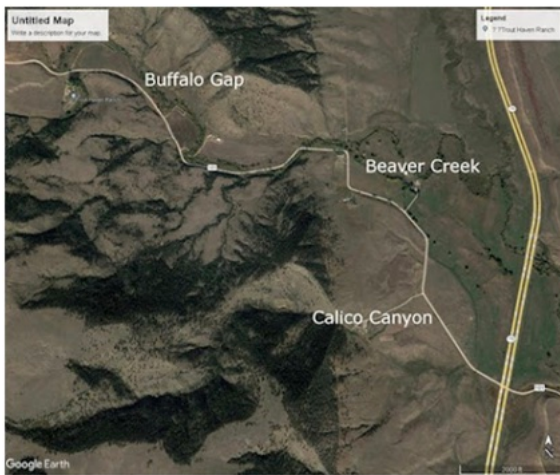
Back in the olden days, that would be late 1960s, the Charcoal Lounge (AKA Char Bar) was one of the anchors in downtown Vermillion (as seen in this 2017 photo--it looked the same in 1965). The Char Bar was a 21 establishment since it served “hard liquor.” That meant the underclassmen were relegated to the “beer bars” such as the Varsity.

My roommate at USD for those two years was a small-town kid from n e a r b y Minnesota. After



graduation from a doctoral program, he had a very successful career with South Dakota School of Mines and Technology. During my recent trip to the Black Hills of South Dakota my mind drifted back to our grad school days as I drove through Buffalo Gap in the southern part of the Hills near Hot Springs. My current journey to that part of the Hills was three-fold: 1) to relive, at least in my mind, some of the field work associated with my thesis at USD; 2) to see if the Unkpapa Sandstone quarry was still open in Calico Canyon near the mouth of the Gap; and 3) to observe some nice roadside granite/pegmatite exposures near Wind Cave National Park.

continued on page 9

Wild Thing: Buffalo Gap and the Unkpapa Sandstone — *continued from page 8*

Google Earth© image of the start of Buffalo Gap with Custer County 101 following Beaver Creek westward. The major highway is SD 79 coming north from Rapid City and heading south toward Hot Springs. Calico Canyon, home of the Unkpapa Quarry, is the first major canyon coming off CC 101.

So, off I went from my base at Custer State Park on my sentimental journey towards Buffalo Gap south of Rapid City but north of Hot Springs. My head was filled with thoughts and images from the mid-1960s and I sang along with the rock and roll blaring from the satellite radio (*My baby does the hanky panky*) thankful that radio had moved on from the old AM stations.

After reaching the turnoff to Buffalo Gap, I stopped my vehicle, turned down the radio, got out and breathed in the fresh air while contemplating important events in my life since that last trip 56 years ago. I remembered one of my mantras from an unknown author: *Life is a journey with problems to solve and lessons to learn but most of all experiences to enjoy. Amen brother!*

Unfortunately, my search for the quarry was unsuccessful as it had closed several years ago, and current landowners may not be interested in reopening (or allowing rockhounds on a sentimental journey). Fortunately, I had visited the

quarry back in the 1960s and have a few sandstone specimens stuck on my rock shelf. What is so special about this sandstone? For starters, who could resist looking at rocks named the Unkpapa? The name was assigned to the stratigraphic unit by the famous geologist N.H. Darton as he studied and mapped the Hills in the early 1900s. "The type locality is in the ridges east and south of Hot Springs, Fall River Co, SD, on the Chadron arch in the southern Black Hills, where it reaches a thickness of more than 250 ft. The name is from Unkpapa Peak, sec 23, T6S, R6E, Custer County, SD near Buffalo Gap." (Darton and others, 1909). Actually, the word Unkpapa is a misrepresentation of Hunkpapa (Lakota: *Húŋkpaḥŋa*), one of the seven members of the Lakota tribe. The name *Húŋkpaḥŋa* is a Lakota word meaning "Head of the Circle." By tradition, the *Húŋkpaḥŋa* set up their lodges at the entryway to the circle of the Great Council when the Sioux met in convocation. They speak *Lakḥóta*, one of the three dialects of the Sioux language. (Access Genealogy, 2021). Sitting Bull (*Thátháŋka Íyotake*) and Gall (*Phizí*) were two well-known members of the Hunkpapa.

Second, the Calico Quarry has produced some fantastic specimens of banded sandstone described by Joe Hartman (1975) as "argillaceous, very fine-grained, massive quartz wacke sandstone; moderately indurated but friable, permeable, no indication of cement. Colors range from pale yellowish orange to grayish orange to pale red purple to pinkish gray. Color banding common, planar, curved, and *Liesegang*." The emphasis is mine as the rock produces slices commonly known as picture sandstone and at one time specimens were sold in virtually every rock shop and curio shop in the Black Hills and beyond (now replaced by picture sandstone from Utah). The better specimens were lavender in color and the banding often was displaced by numerous small faults.

continued on page 10

Wild Thing: Buffalo Gap and the Unkpapa Sandstone — *continued from page 9*

Unkpapa Sandstone cropping out in Calico Canyon, Black Hills, South Dakota. Photo courtesy, and with permission, of Geodil and Joseph Hartman P00855 (Hartman Locality L96).



Unkpapa Sandstone from Calico Canyon showing several microfaults. Photo courtesy, and with permission, of Geodil and Joseph Hartman P00855 (Hartman Locality L96).

I also note that my ole roommate from USD, Jim Fox, helped pen one of the definitive papers on the Unkpapa in the Black Hills. In 1981 Szigeti and Fox assigned the Unkpapa to the Morrison Formation (Late Jurassic) as its basal member and interpreted its depositional environment as eolian (by wind). Outcrops of the Unkpapa are restricted to part of the Cretaceous hogback between Sturgis, SD, and Edgemont, SD, a distance of about 100 miles. The unit conformably overlies the Sundance Formation and underlies either the main

part of Morrison or the Lakota Formations, both with gradational or disconformable contacts. The Unkpapa is thickest around southern end of Black Hills where in outcrop it ranges up to 267 ft near Hot Springs but decreases slowly northward until it pinches out near Sturgis.



These hand-size samples were collected in summer 1966. The top two specimens had one side slabbed off.



Szigeti and Fox (1981), and Blakey and others (1988), believed the Unkpapa Sandstone was correlative with sandstone beds at the base of the Morrison

Formation cropping out on the western flanks of the Black Hills uplift in South Dakota and eastern Wyoming. The Unkpapa dune field apparently was surrounded by lacustrine (lake) environments represented by mudstone layers in the Morrison Formation. As the region subsided, the dune field was inundated and eventually covered by lacustrine deposits.

One of my questions about the Unkpapa was answered by Szigeti and Fox: what was the source of the sand in the unit? They noted that as the inland Sundance Sea (marine, Middle to Upper Jurassic in age) withdrew from the Black Hills region, the climate became arid to semiarid.

continued on page 11

Wild Thing: Buffalo Gap and the Unkpapa Sandstone — *continued from page 10*

Lacustrine and fluvial depositional systems were established on low-relief topography on which sediment of the Morrison Formation was deposited. At the same time, the Sundance Sandstone in an area of northwestern Nebraska, was being eroded and fine sand was being supplied to an eolian dune field which extended northward into low relief topography. These dune sands comprise the Unkpapa Sandstone, which overlies the Sundance Formation in the southeastern part of the Black Hills area. So, the Unkpapa sandstone is reworked Sundance Formation.

The Unkpapa often attracts attention due to its color banding commonly referred to as Liesegang Bands. These Bands are colored bands of cement, often containing authigenic minerals, that are secondary structures since they cut across normal bedding. Little is known about the mechanism creating these bands.

In the summer of 1966, I was working for the South Dakota Geological Survey and stationed in Chamberlain, a community on the Missouri River (now the location of I-90 crossing the River). During weekends I traveled to the plains/badlands immediately east of the southern Hills chasing "old river beds" (high level terrace gravels that had their source in the Black Hills). I often wondered if one of these ancient (late Tertiary) streams had come through Buffalo Gap.

The community of Buffalo Gap lies on the plains just to the east of the Hills. One author calls it a semi ghost town with a 100+ population. It first came into existence during the 1875-1876 Black Hills gold rush when a stage stop along the Sidney, Nebraska to Deadwood line was created. Ten years later the Fremont, Elkhorn, and Missouri Valley Railroad reached, and moved through, the



Truckin' on. South Dakota plains and badlands. Summer 1966.

stage stop, and a railroad station was built and christened Buffalo Gap. The Elkhorn, as the railroad was known, was a line established in 1869 running from Omaha, Nebraska, west to Chadron (the Cowboy Line) and a decade later had established a branch line from Chadron north through Buffalo Gap, Rapid City, and on to Belle Fourch at the northern end of the Hills.



At one time huge herds of buffalo (American Bison) grazed on the grasslands of western South Dakota, including the prairies in Wind Cave National Park.

The name, Buffalo Gap, came from a nearby (west) water gap where a small stream (Beaver Creek) flows through a valley where the Cretaceous hogback (upturned rocks dipping east that front the Black Hills on the east side). The Creek is an underfit stream and indicates the presence of a much larger stream in the geologic past.

continued on page 12

Wild Thing: Buffalo Gap and the Unkpapa Sandstone — *continued from page 11*

Early travelers noted that buffalo (Bison) used the gap to travel back and forth to the interior of the uplands, and for shelter in the winter. Today a gravel road traverses the gap and is a nifty drive over to the grasslands of Wind Cave National Park.

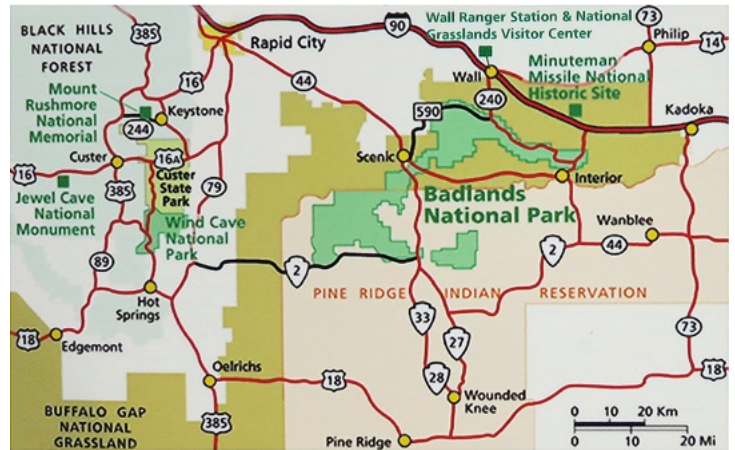


A drive through Buffalo Gap will show rocks from the bright red Permian-Triassic Spearfish Formation up through the Triassic, Jurassic and Cretaceous.



At any rate, Buffalo Gap, the town, flourished in the late 1800s as a cattle shipping point for the nearby ranches. Population jumped up to 1200 persons. But like all good things the boom came to an end with drought, blizzards, overgrazing, dropping cattle prices, and closing railroads. The

final kill came with the Great Depression and the Dust Bowl in the 1930s. Today the name lives on in the community, but mostly in the vast expanse of Buffalo Gap National Grassland.



Map, Public Domain, showing location of Buffalo Gap National Grassland, southwestern South Dakota, managed by the United States Forest Service. Many of the collecting localities for the famous Fairburn Agates are located on the Grassland and therefore open for collecting by the general public.

A drive through Buffalo Gap will lead you to US 385, a paved road winding among the grasslands of Wind Cave National Park where bison still roam freely. After officially leaving the Park heading towards Pringle the road drops down from late Paleozoic rocks to the Cambrian Deadwood Formation and finally to the Precambrian outcrops of pegmatites, schists, and granites that seem to beckon rockhounds off the road into parking areas in the wide ditches. I found many black tourmaline (var. schorl, a borosilicate) small prismatic crystals scattered around "hunks" that had fallen off the outcrops.

And so ends my recent sentimental journey into the southern Black Hills as the strains of *Wild Thing* (The Troggs) still reverberates through my mind (I met my South Dakota spouse in 1966)!

continued on page 13

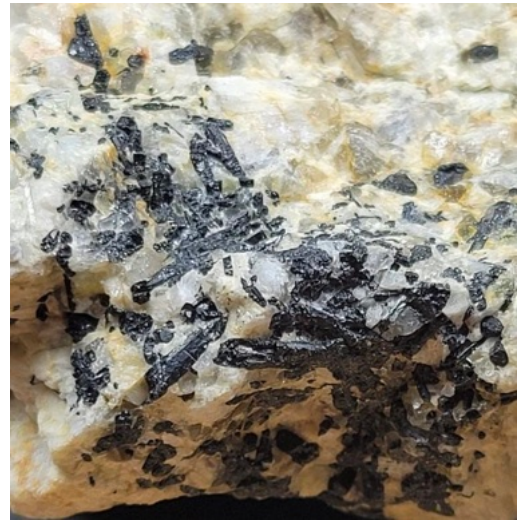
Wild Thing: Buffalo Gap and the Unkpapa Sandstone — continued from page 12

*Wild thing
You make my heart sing
You make everything groovy
Wild thing*

*Wild thing, I think I love you
But I wanna know for sure
So come on and hold me tight
I love you*



Buffalo Gap National Grasslands.



Black tourmaline from exposures along roadcut northwest of Wind Cave National Park. Width FOV ~3.0 cm.

“One day, I'd like to be an old man that tells the children about those dangerous days when rock 'n roll still existed. Today all of that is gone.”
~Willy DeVille

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Where in the RMFMS is Rocky?

- Spider Rock, Canyon de Chelly, AZ?
- Florissant Fossil Beds, CO?
- Natural Bridge, Bryce Canyon, UT?

Photo by Mark Levisay, D7K
3355-1, CC BY 2.0 DEED via Flickr.



Clipart at top by Phillip Martin. CC By NC ND 3.0.
Answers on page 26.

MSA Heritage Show

Chris Whitney-Smith, MSA President

The Phoenix Heritage Mineral Show (PHMS) is becoming established as THE Premier Quality Mineral Show North of the Gila River, featuring competitive mineral exhibits, museum exhibits, well-known regional and national quality dealers of fine minerals, gemstones and fossils that includes a Saturday night program with bar, dinner, keynote speaker, awards ceremony, and silent/live auctions. This year's theme is "Fluorite."

PHMS will highlight four new competitive trophies to engage and encourage high quality exhibits:

- BOB JONES TROPHY for Best Display of Minerals
- DAVID SHANNON TROPHY for Best Display of Field Collected Minerals
- ARTHUR L. FLAGG TROPHY for Highest Scoring Junior Display
- BEST OF THEME TROPHY for Best of Theme Mineral Specimen for two size categories

All trophies with exception of Best of Theme will come with monetary prizes in addition to quality engraved crystal trophies.

Mineralogical Society of Arizona's
The 4th Phoenix Heritage Mineral Show

Phoenix Shrine Auditorium, June 1-2, 2024

Admission:

CASH ONLY - ATM Available

* \$5.00 Adults

* \$3.00 MSA Members

* FREE 12 years & younger with paying adult *

FREE Parking during show

* Special Hotel Partner Rate at **Radisson Hotel Phoenix Airport** (\$75 any style room) + (2) free drink coupons for hotel lounge, free parking and free airport shuttle * Learn more at: msaaz.org

See the show poster on page 29 for code to scan.

RMFMS Official Convention Package

Liz Thomas, RMFMS Secretary

This letter was sent to all RMFMS clubs on Friday, April 19, 2024:

A **credentials** form is for the person or persons representing the club in good standing to vote at the convention. Each club can have 2 votes either by a member of the club or by proxy for the club by someone they have chosen to vote for them.

A **Proxy** is when a Society will lack one or both votes because of the absence of Delegates or Alternates in the House of Delegates meeting, provided that the Proxy is presented to the Credentials Committee prior to the meeting so that the Committee may ascertain its validity, i.e., signed by an Executive Officer of the Society stating that they do not have a member who can attend the Delegates Meeting, and the Society wishes to have this person vote for them.

I will send out as soon as I know what we will be voting on at the meeting, but there might be things brought up at the meeting that can be voted on at that time, so prior notification cannot happen.

Rocky Mountain Federation Clubs,

The attached file is the registration and information for the Rocky Mountain Federation Convention being held in Oklahoma City, Ok. October 25, 26 and 27, 2024 [[see this information on pages following this one](#)]. It has all the forms that need to be filled out and sent in. It has the hotel link that you can go in and book your room and pay upon arrival. Please take note of the dates, if you need to add a day to the end or the beginning, just change the dates and it will let you do that for the same cost on the room. Also if you have 2 or more in the room, anyone after the first person will be charged 10.00 a day for breakfast, so you might want to call to advise them while booking you only need breakfast for whom ever. **If you are calling to**

reserve, make sure you say you are with the Rocky Mountain Federation Convention so they will get you a discount on the room. Please call the Central Reservations number with them 833-798-4195.

Look for the dates that all your paperwork need to be turned in. We want to make sure you do not miss a date of cut off. **I will send this out again in the first week of October** to make sure you get it and are able to share with all your members of your club.

I want to remind you that we would like to see 2 delegates from each club. This allows your club to be represented and vote on anything that comes up. You will get an email telling you what we will be voting on but there may be a few things from the floor that will need to be addressed as well. And as always, we vote on the board and state directors during this meeting. Later I will send out an email reminding you that we would like to have your honorees that have passed on from this earth that belonged to your club. We honor them during the meetings. We will want the list that includes those who passed during 2023 and up to present. You will need to send those to me or to your state director.

It is a great show, many dealers, over the top kids zone, silent auction, demonstrations and show cases. There are also some really great field trips planned during this time. I know you will want to come participate in these. So, please make sure you bring this up to your club members and pass on this email to anyone that would like to attend.

~Liz Thomas, RMFMS Secretary,
mygemsrock@gmail.com

Additional information on following pages



Rocky Mountain Federation of Mineralogical Societies

Credentials for Delegates and Alternate

Society Name _____

City _____ **State** _____

Delegate (Please print name) _____

Delegate _____

(Please print name)

Alternate _____

(Please print name)

The above-named Delegates or Alternate have been chosen to represent this Society at the Annual Business Meeting of the Rocky Mountain Federation of Mineralogical Societies at the House of Delegates Meeting to be held at: Oklahoma City, Oklahoma on October 25, 26 & 27th, 2024.

Society Board Member _____

Date _____

Please Note: Delegates will only be allowed to vote if their Society is in good standing (see By-Law, Article X -Eligibility).

Reference: Articles of Incorporation, Article III, Membership
By-Laws, Article XII, Credentials of Delegates
By-Laws, Article XIII, Use of Proxies

This completed form must be returned to the RMFMS Credentials Committee Chair no later than One Hour before the Delegates Meeting.

If mailing prior October 1, 2024, mail to:

Roberta Wagle
Credentials Chair
21402 E. Pecan Dr.
Catoosa, OK 74015

After October 1, 2024, please bring this signed form with you and give to the Credential Chair at the Credentials Check-in location.



Rocky Mountain Federation of Mineralogical Societies

PROXY FORM

Society Name _____

City _____, **State** _____

does hereby appoint:

(Please print name) _____

as Proxy Delegate with full power to represent this Society at the annual House of Delegates Meeting of the Rocky Mountain Federation of Mineralogical Societies, to be held at Oklahoma City, Oklahoma October 25, 26 and 27th 2024.

Society Board Member: _____

Date: _____

This completed form must be returned to the RMFMS Credentials Committee Chair no later than One Hour before the Delegates Meeting.

If mailing prior October 1, 2024, mail to:
Roberta Wagle
Credentials Chair
21402 E. Pecan Dr.
Catoosa, OK 74015

After October 1, 2024, please bring
this signed form with you and give to
the Credential Chair at the Credentials
Check-in location.

**Rocky Mountain Federation of Mineralogical
Societies' 2024 Convention
Hosted by
Oklahoma Mineral and Gem Society
2024 Gem and Mineral Show
October 25, 26 and 27th, 2024**

Thursday, 12pm-5pm, Registration at Fairgrounds, Exhibit Set-up, Vendor Set-up, Judge's meeting
Friday, 9am-6pm, Gem & Mineral Show, Field Trip, and RMFMS Executive Meeting
Saturday, 9am-6pm, Gem & Mineral Show, Field Trip, Delegate Meeting and Award Dinner
Sunday, 8am-5pm, Editor/Webmaster Breakfast, Field Trip, Gem & Mineral Show, Breakdown

Show Admission: \$8.00
Children under 12, Military and Service Personnel are free

Show Location

Modern Living Building, Oklahoma State Fairgrounds
608 Kiamichi Place, Oklahoma City, OK 73107

Host Hotel

[Wyndham Grand](#)

Downtown/Bricktown
10 N. Broadway, Oklahoma City, OK 73102

Welcome Friends!

The Oklahoma Mineral and Gem Society (OMGS) would like to thank the Rocky Mountain Federation of Mineralogical Societies for allowing us to host the 2024 Annual Convention in Oklahoma City. We are looking forward to showing off our beautiful and fun state and hopefully you can stay longer to see what Oklahoma City has to offer! Our corresponding Rock and Mineral Show lasts 3 days so we hope you will have plenty of time to shop and become involved with the competitive displays, our educational classes and fluorescent room. We look forward to seeing our many Federation Friends and to making new ones throughout the show.

We have booked the Convention in the Downtown/Bricktown area where there are lots to see, do and experience. Please click on the underlined words to link to their websites. The negotiated room rates are for suites and regular queen and king rooms. This is the link to our host hotel, the [Wyndham Grand](#). To reduce the room rates and because many of you have morning plans, only 1 breakfast per day is free per room. Additional breakfast(s) can be added at check-in for \$10 per additional guests, tips are your responsibility. Valet parking is \$22 per day for "in and out parking" but street parking is free after 5:00 pm on Friday to Monday morning. For those who plan to stay extra days, the hotel is offering the same room rate during adjoining nights. Please don't delay making your reservations; depending on other scheduled events in Oklahoma City, hotels can fill up fast.

Our show is in the Modern Living Building in Oklahoma City at the [State Fairgrounds](#), approximately 5 miles west from the Wyndham Grand. We have 40 vendors, door prizes, competitive display cases, Children Education programs/activities, competitive displays, demonstrations, and a fluorescent room. The set up for vendors and display cases is Thursday October 24th from noon to 7:00 pm. The show ends Sunday October 27 at 5:00 pm, so break down of display cases starts at 5:00 pm.

We have planned 3 field trips, one for each morning of the convention day to be hosted by our friends from other clubs in our state! Details are still being finalized. We presently will look for the [Oklahoma State Rock](#), (Barite Rose), for [Boley Agates](#) and we will visit the General Material Gravel Pit where you can find bison bones, [Alibates Flint](#), petrified wood and sometimes you will get lucky and find a mastodon tooth. We may also tour the behind-the-scenes vertebrate paleontology collection stored at the Sam Noble Museum. Location maps will be placed in your registration packets.

Oklahoma City has plenty to offer for entertainment. We are working with Oklahoma City Travel and they have a great planning site available on their [website](#), including [maps](#), to get you around on your leisure time. The site is also a great planning tool for selecting [offsite venues](#), [dining options](#) and providing visitor information services to you once you arrive in Oklahoma City. There is an electric trolley-car pickup across the street from the hotel that will take you to Bricktown, Midtown, the Art District to see the Art Museum, the Theater District, the [National Memorial](#), and to many downtown parks. The [First American Museum](#) recently opened and it is a must-see museum just south of I-40. Oklahoma City Thunder begins their pre-season games in early October and their first NBA games will be during the Convention.

The Award Ceremony will start at 6:00 pm on Saturday night at the Bourbon Street Café on the Bricktown Canal. Come early and take a ride on the Bricktown Water Taxi to see the Land Run Sculptures. Join us for 5:00 happy hour at the Café.

The 8:00 am Sunday's Award Breakfast with Editors and Webmasters will be at IHOP in Bricktown. Please plan to attend and support all those who work hard to promote and educate others about our Clubs.

Please feel free to ask questions as we are excited to help in any way. See you in October!

Jami Poor 2024 OMGS Convention Chair

Tom Nutter 2024 OMGS President and Show Chair

Bob Regner RMFMS President

Liz Thomas 2024 RMFMS Convention Advisor

2024 RMFMS Convention Schedule

DATE	TIME	SCHEDULE	LOCATION
10/24/2024 THURSDAY	12pm- 7pm	Exhibit Cases Set-up	Modern Living Bldg - OKC Fairgrounds
	12pm- 7pm	Vendor Set-up	Modern Living Bldg - OKC Fairgrounds
	12pm- 5pm	RMFMS Delegate Registration	Modern Living Bldg - OKC Fairgrounds
	3pm	Judge's Meeting	Modern Living Bldg - OKC Fairgrounds
10/25/2024 FRIDAY	8am- 12pm	Field Trip:	Meet at Location
	12pm- 5pm	RMFMS Delegate Registration	Wyndham Grand second floor meeting room
	9am- 6pm	Show Opens	Modern Living Bldg - OKC Fairgrounds
	10am- 3pm	Show Educational Program for children	Modern Living Bldg - OKC Fairgrounds
	1pm	RMFMS Executive Meeting	Wyndham Grand second floor meeting room
	6pm	Show Closes	Modern Living Bldg - OKC Fairgrounds
10/26/2024 SATURDAY	8am -12pm	Field Trip:	Meet at location
	9am	Show Opens	Modern Living Bldg - OKC Fairgrounds
	12pm- 5pm	RMFMS Delegate Registration	Wyndham Grand second floor meeting room
	1pm	RMFMS Delegates Meeting	Wyndham Grand second floor meeting room
	5pm	Show Closes	Modern Living Bldg - OKC Fairgrounds
	5pm-6pm	Happy Hour	Bourbon Street Café
	6pm	Awards Banquet	Bourbon Street Café
10/27/2024 SUNDAY	8am -12pm	Field Trip	Meet at Location
	8am -10am	Editor/Webmaster Breakfast & Meeting	IHOP - Bricktown
	10am	Show Opens	Modern Living Bldg - OKC Fairgrounds
	5pm	Exhibit Cases Released	Modern Living Bldg - OKC Fairgrounds
	5pm	Show Closes	Modern Living Bldg - OKC Fairgrounds

Blue designates RMFMS activities or those in Bricktown

Oklahoma Mineral and Gem Society - 2024 Gem & Mineral Show
Hosting the Convention of

Rocky Mountain Federation of Mineralogical Society
October 25, 26 and 27th, 2024

at the
Wyndham Grand
10 N. Broadway,
Oklahoma City, OK 73102

CONVENTION REGISTRATION FORM

Return Form and Check to Oklahoma Mineral and Gem Society- PO Box 2084, Oklahoma City, OK 73101

Name(s): _____ Phone: _____

Mailing Address: _____

Name of Club/Society: _____

Check all that apply:

Federation: AFMS___ RMFMS___ SCFMS___ CFMS___ MWF___ EFMLS___ NFMS___ SFMS___

Office: Officer___ Chairman___ Delegate___ Alternate___ Editor___ Judge___ Clerk___ Other___

Exhibitor: _____

(Exhibitors must complete this form **and** the EXHIBITOR FORM)

FEDERATION AWARD BANQUET - (choices taken at Bourbon Street Café)

\$48.00 (tax and tip included) x Number _____ = Total \$ _____

BREAKFAST with the Editors and Webmasters -

\$25.00 each (tax and tip included) x Number _____ Total \$ _____

GRAND TOTAL \$ _____

Admission to the Show is \$8.00 per day.

Deadline for Registration is October 7, 2024. Payments are non-refundable after 10/7/2024

2024 RMFMS CONVENTION MEALS for AWARDS BANQUET & EDITOR/WEBMASTER BREAKFAST

Awards Banquet, Saturday October 26, 2024, 6pm

[Bourbon Street Café](#) -River-Walk in Bricktown 100 E. California Ave, Oklahoma City, OK 73102

5pm Happy Hour in the Bourbon Street Café Lounge or Canal Front

6pm Dinner in the Banquet Rooms

Menu: served with soup and salad, Deserts, mashed potatoes, vegetables, and dirty rice. Water/tea/pop and dessert. Choice of:

- *Bourbon Sirloin* – 9 oz USDA choice angus beef cooked medium and topped with signature bourbon glaze
- *Tabasco Glazed Pork Chops*- Two grilled 6 oz pork chops topped with Honey Tabasco Glaze
- *Chicken Fettuccine Alfredo* -Their famous rich and creamy alfredo sauce with Bourbon Street spice tossed with fettuccine and blackened chicken and served with garlic toast.
- *Black Magic Catfish* – A blackened catfish filet with their signature crawfish Etouffee spread on top

Editors/Webmaster's Breakfast, Sunday October 27, 2024, 8am - 10am

[IHOP](#) 401 E. California Ave, Bricktown, Oklahoma City, OK

Menu, Breakfast Buffet: served with Coffee, Tea, and 1 Orange Juice

- Pancakes
- Eggs
- Breakfast Potatoes
- Three meats -Bacon, Sausage, Ham
- Assorted Breads

2024 RMFMS Convention

COMPETITIVE EXHIBIT ENTRY FORM

The completed form is **due by October 1, 2024**, and it must be signed and dated.

Mail or Email the completed form to:

Jami Poor – PO Box 2084, Oklahoma City OK 73101 or to
ok.mineral.gem.society@outlook.com

Name: _____ Phone: _____

Mailing Address: _____

Email: _____

Name of Club/Society: _____

Exhibitor Group: Master ___ Advanced ___ Novice ___ Junior ___ Society ___ Junior Society ___

Division: _____ *Exhibitor Class:* _____

There will be 24-hour building security, however neither the OK Fairgrounds, RMFMS, WSMGS, or OMGS, nor their affiliates assume any responsibility for loss or damage.

EXHIBIT CASE AND SPACE INFORMATION

I will use my own case: Yes _____ No _____

If I will use my own case, its dimensions are: Width _____ Height _____ Depth _____

Do you need a case provided? Yes ___ No ___ Provided cases are 40' wide x 24" tall, and 18" deep at the top and 23.75" deep at the bottom.

All cases will be assigned space on tables 30" high. Bring your own risers if needed. If your case has its own stand, please let us know. _____

Exhibit Set up Time: Thursday, October 24, 2024, noon to 7pm.

By signing below, I have read the current AFMS Uniform Rules and agree to abide by them. I understand that *Competitive Exhibitors* are to be Society members in good standing and eligible to exhibit in the stated classification according to the Rules. The Rules are available at [Rules http://www.amfed.org/rules/rules.htm](http://www.amfed.org/rules/rules.htm). I agree to leave my exhibit on display until 5:00pm Sunday, October 27, 2024.

Exhibitor Signature: _____

Date: _____

Print Name: _____

If Junior Entry, date of birth: _____

2024 RMFMS Convention

NON-COMPETITIVE EXHIBIT ENTRY FORM

The completed form is **due by October 1, 2024**, and it must be signed and dated.

Mail or Email the completed form to:

Jami Poor – PO Box 2084, Oklahoma City OK 73101 or to
ok.mineral.gem.society@outlook.com

Name: _____ Phone: _____

Mailing Address: _____

Email: _____

Name of Club/Society: _____

Exhibits provided by Club members are an important part of the gem and mineral show, and we appreciate the time and effort necessary to put an exhibit together. For the 2024 Show we are encouraging exhibitors to display rocks, minerals and/or fossils from their areas and/or present their individual lapidary skills.

Please provide a description of your display: _____

There will be 24-hour building security however neither the Oklahoma City Fairgrounds, RMFMS, WSMGS, or OMGS nor their affiliates assume any responsibility for loss or damage.

EXHIBIT CASE AND SPACE INFORMATION

I will use my own case: Yes _____ No _____

If I will use my own case, its dimensions are: Width _____ Height _____ Depth _____

Do you need a case provided? Yes ___ No ___ Provided cases are 40' wide x 24" tall, and 18" deep at the top and 23.75" deep at the bottom.

All cases will be assigned space on tables 30" high. Bring your own risers if needed. If your case has its own stand, please let us know. _____

Exhibit Set up Time: Thursday, October 24, 2024, 12pm to 7pm.

By signing below, I agree to set up my display Thursday, October 24, and leave my exhibit on display until 5 pm Sunday, October 27, 2024.

Exhibitor Signature: _____ Date: _____

Print Name: _____

If Junior Entry, date of birth: _____

2024 RMFMS Convention

JUNIOR CASH AWARD ENTRY FORM

A Junior is defined as an exhibitor who is at least eight years old but has not yet reached the age of eighteen years as of the opening day of the show,

The completed form is **due by October 1, 2024**, and it must be signed and dated.

Mail or email the completed form to:

Jami Poor – OMGS PO Box 2084, Oklahoma City, OK 73101

ok.mineral.gem.society@outlook.com

Name: _____ Phone: _____

Mailing Address: _____

Email: _____

Name of Club/Society: _____

Exhibit Space Required: _____

Example: If the specimen is mounted on a piece of plastic that is 4 x 5 inches and the label is 2 x 4 inches then the exhibit will be 6 x 5 inches.

Lillian Turner Junior Award Lillian Turner of Bethesda, Maryland donated monies to support this award. The Award will be a \$100.00 Series "E" Bond to be presented with a ribbon denoting Outstanding Junior at a ceremony at the annual Awards Banquet.

Certification: I certify that I collected and performed all work on this specimen and that I am a member of a RMFMS club.

Junior Member's Signature: _____ Date: _____

Parent/Guardian Signature: _____ Date: _____



Where in the RMFMS is Rocky? — Answers

Linda Jaeger, Editor

We have clubs from 13 states in the RMFMS. Have you been there? Do you recognize the terrain from the three states shown this month? **I would love for you to send a n awesome photo from your state with a caption and location to print!** RMFMS has amazing country and activities to fill your senses.

Here are the answers for the photos on pages 3, 7, and 14:

-page 3: Spider Rock, Canyon de Chelly, **Arizona**

-page 7: Natural Bridge, Bryce Canyon, **Utah**

-page 14: Florissant Fossil Beds, Florissant, **Colorado**

Look for more beautiful locations next month from our member states: Arizona, Arkansas, Nebraska, New Mexico, Nevada, North Dakota, South Dakota, Texas, Utah, Wyoming.



Messages in Stone — Steven Wade Veatch

from: CSMS Pick & Pack, 6/2007 (2nd Place - AFMS Adult Poetry 2008)



Those who are gone once came to this sacred place
of remote canyon walls now quiet with grace.
They made circles of stones to pray and to fast,
to seek a vision for guidance and unite with the past.

Here seekers waited for their spirit guide to appear
who came in many forms to give strength and to end fear.
The seekers knew this place where others once prayed
and had visions of power as long as they stayed.

They left their sacred images to last upon the cosmic rocks:
Dancers, flute players, lizards, and birds left as pecked marks.
An eternal art on canyon walls of symbols, visions, and more
from those who have gone but came here before.

Now the clouds grow dark and are messengers of rain,
they bring a breeze scented with sage over the terrain.
An eagle soars as a guardian spirit above the canyon below
over messages in stone only the ancients truly know.

Upcoming Shows and Events

5/3-5/2024	McPherson Gem & Mineral Club	4-H Fairgrounds: 710 W Woodside, McPherson, KS 67460	Larryrocks538@gmail.com
5/4-5/2024	Mohave County Gemstoners Gem & Mineral Show	Mohave County Fairgrounds, 2600 Fairgrounds Blvd, Kingman, AZ 86401	www.gemstoners.org
5/11/2024	Enid Gem & Mineral Society Rock Swap & Sell	Enid, OK	John Haacke, 580.478.9058 or enidgemandmineralsociety@gmail.com
5/17-19/2024	Cache Rock & Gem Show 2024	Cache County Events Center, 450 South 500 West, Logan, UT	cacherockandgemclub.com
5/24-26/2024	CFMS/AFMS Gem Show & Convention	Ventura County Fairgrounds, Ventura, CA	https://2024cfms-afms.com
5/30-6/1, 2024	Wyoming State Mineral & Gem Show	Park County Fairgrounds, Powell, WY	wyojones@wyojones.com or gilbert@tctwest.net or lapidary2@gmail.com
6/1-2/2024	The 4th Phoenix Heritage Mineral Show	Phoenix Shrine Auditorium, 552 N 40th St, Phoenix, AZ 85008	msaaz.org
6/7-9/2024	Pikes Peak Gem, Mineral, and Jewelry Show	Norris Penrose Event Center, 1045 Lower Gold Camp Rd, Colorado Springs, CO 80905	www.PikesPeakGemShow.com , ppgmjshow@gmgail.com
6/13-16/2024	Friends of Mineralogy Colorado Chapter Symposium: "Mineral Oddities: Twinning, Inclusions, Pseudomorphs, and More"	Mines Museum of Earth Science, Colorado School of Mines, Golden, CO	https://friendsofmineralogycolorado.org/symposium/
6/14-16/2024	Sublette County Rockhounds	Sublette Co Fairgrounds Event Center, 10937 Hwy 351, Big Piney, WY	jimgray@wyoming.com or maschaffer61@gmail.com
7/27-28/2024	Western Dakota Gem & Mineral Society 41st Annual Show	Nerdy Nuts Expo Hall, entral States Fairgrounds, 800 San Francisco St, Rapid City, SD	westdakota.rocks@gmail.com
9/13-15/2024	Southern Utah Rock Club - Cedar City Gem & Jewelry Show	Cross Hollow Event Center Diamond Z Arena, 11 N. Cross Hollow Road, Cedar City, UT	southernutahrockclub.org , www.facebook.com/groups/utahrocks
10/12-13/2024	50th Annual Huachuca Mineral, Gem, Jewelry and Fossil Show	The Mall at 2200 El Mercado Loop, Sierra Vista, AZ	Contact: Maudie Bailey, gmbailey@msn.com , 520.249.1541
10/25-27/2024	Oklahoma Mineral & Gem Society/RMFMS Convention	Modern Living Building, 608 Kiamichi Place, OKC Fairgrounds	omgs-minerals.org

If your club has show information that you would like to have listed in the *Rocky Mountain Federation News*, please email the information to the editor — <LJGRALG at aol.com>. As with many of the other email addresses in the newsletter, you will need to remove the chevrons, < >, and replace the spaces and the "at" with the correct symbol, @ .

Below are upcoming regional federation shows:

	California Federation	Eastern Federation	Midwest Federation	Northwest Federation	Rocky Mountain Federation	South Central Federation	Southeast Federation
2024	AFMS/CFMS Ventura, CA May 24-26	Sterling Hill Mine Ogdensburg, NJ June 8	East Peoria, IL August 24-25	Hermiston, OR May 10 - 12	Oklahoma City, OK Oct. 25 - 27		
2025		AFMS/EFMLS Hickory, NC 3/2025	Lincoln, NE April 5-6		Grand Junction, CO Sept. 19-21		
2026			St. Charles, IL May 23-24				

McPherson Gem & Mineral Club

30th Annual Sale

May 3 – 5, 2024

Minerals, Fossils, Jewelry, Lapidary & More!

Free Admission



**Enter the raffle for
Carved Amethyst
Hummingbirds 1
ticket for \$10 3
for \$20**

Friday: 9:00 am – 5:30 pm

Saturday: 9:00 am – 5:30 pm

Auction (Sat): 7:15 pm

Sunday: 10:30 am – 3:00 pm

Located at the 4-H Fairgrounds:

710 W. Woodside McPherson, KS 67460

FOR INFORMATION OR VENDING SPACE REQUESTS EMAIL:

Larryrocks538@gmail.com

Mohave County Gemstoners

WWW.GEMSTONERS.ORG



GEM & MINERAL SHOW

Join us for a weekend of fun, family and shopping!

MAY 4th and 5th 2024

Saturday 9am-5pm

Sunday 9am-4pm

Location:

MOHAVE COUNTY FAIRGROUNDS

2600 Fairgrounds Blvd.

Kingman, AZ. 86401

[2600 Fairgrounds Blvd - Google Maps.html](#)

FREE ADMISSION

(Donations are Appreciated)

**EDUCATIONAL DISPLAYS
& EXHIBITS**

- Gemstones
- Minerals
- Fossils
- Rocks
- Jewelry
- Woodwork
- Clothing

GREAT SHOPPING

- Mineral Specimens
- Petrified Wood
- Fossils
- Handmade Jewelry
- Gems
- Rock Art & Carvings

ALSO FEATURING

- Kids Activities
- Raffles
- Hourly Door Prize Drawings
- Food Vendors



Cache Rock & Gem Show 2024



May 17, 18, 19
 Adults \$3.00, Family \$10.00,
 12 and under free



Friday & Saturday 10:00 a.m. - 7:00 p.m.
 Sunday 10:00 a.m. - 6:00 p.m.

Cache County Events Center
 450 South 500 West, Logan, Utah

Rocks, Minerals, Fossils, Jewelry, Displays
 Educational Exhibits, Demos, Supplies
 Vendors, Door Prizes, Concessions

Activities for the kids:
 Wheel of Fortune, Mystery Bags,
 and Gem Dig

Fabulous Fluorescence
 cacherockandgemclub.com

 Facebook: Cache Rock and Gem Club

 Thank you to our sponsor!




2024 Wyoming State MINERAL and GEM SHOW

May 30-31 & June 1

Powell, Wyoming

Park County Fairgrounds

12 and older: \$5 Per Day or \$10 for All 3 Days; Under 12 Admitted Free
 Hours: Thursday and Friday, 10 a.m. to 6 p.m. • Saturday 9 a.m. to 5 p.m.


Theme: Minerals of Wyoming

Many Vendors

Rock I.D.

Kids' Activities

Raffle Prizes



Demonstrations

Educational Info



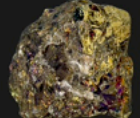
Silent Auction

Showcases

Find us on Facebook: 2024 Wyoming State Mineral and Gem Show

Hosted by Wyoming State Mineral and Gem Society,
 The Shoshone Rock Club of Powell and The Cody 59ers Rock Club

Powell, Wyoming, is 75 miles east of Yellowstone National Park. Come join us and have some fun!

Contacts: wyojones@wyojones.com • gilbertc@tctwest.net • lapidarygary2@gmail.com



The 4th
PHOENIX HERITAGE MINERAL SHOW

Largest, Quality Mineral Show in the Phoenix Area!



FLUORITE with Baryte
 Berbes mining area, Ribadesella, Asturias, Spain
 6.5cm - Nick McCure Collection - Jeff Scovil Photo

JUNE 1st & 2nd 2024
PHOENIX SHRINE AUDITORIUM
 552 N 40th STREET • PHOENIX, AZ 85008
 Saturday 9am - 5pm | Sunday 10am - 4pm
 Featuring: Minerals, Competitive and Guest Exhibits
 Saturday Night: Dinner, Talk, Awards and Auctions!



Cafe & Bar: Open - 4pm

Admission:
 * CASH ONLY - ATM Available
 * \$5.00 Adults
 * \$3.00 MSA Members
 * FREE for kids & young adults with paying adult
 * FREE parking during show

msaaz.org



60th Annual
Pikes Peak Gem, Mineral, and Jewelry Show

Featuring Petrified Wood

June 7, 8, 9, 2024

Friday, June 7, 10:00-6:00
 Saturday, June 8, 10:00-5:00
 Sunday, June 9, 10:00-4:00

Adults \$5.00 / Multiple Days \$8.00
 Ages 12 & Under FREE

NORRIS PENROSE EVENT CENTER
 1045 Lower Gold Camp Rd
 Colorado Springs, CO 80905

Sponsored by: Colorado Springs Mineralogical Society
www.csm1936.com

www.PikesPeakGemShow.com ppgmjshow@gmail.com



FRIENDS OF MINERALOGY
COLORADO CHAPTER
2024 SYMPOSIUM



MINERAL ODDITIES
 Twinning, Pseudomorphs,
 Inclusions, and more!



June 13th - 16th, 2024, at the Mines Museum
 of Earth Science at Colorado School of Mines
 in Golden, Colorado

Scan me for more
 information and to sign
 up for the mailing list!



friendsofmineralogycolorado.org/symposium



Sublette County Rockhounds
 present their 8th annual
Gem & Mineral

Show
June 14 - 16, 2024

Friday & Saturday, 9am - 5pm
 Sunday, 9am - 3pm

Sublette Co. Fairgrounds
 Event Center, 10937 Hwy 351
 Big Piney, Wyoming

Vendors: Opals, jade, jewelry, slabs, cabs, rough rock,
 decorative items, fossils, specimens, & more!
 Demonstrators Raffles Exhibits Door Prizes
 Mr. Bones Dinosaur puppeteer Kid's Activities

Contact: Jim Gray jimgray@wyoming.com or Mike Schaffer maschaffer61@gmail.com

41st Annual
GEM & MINERAL SHOW

July 27-28, 2024

SATURDAY 9 AM – 5 PM • SUNDAY 9 AM – 3 PM

Admission \$4 per day • Children 12 and under FREE with a paying adult



Hosted by: WESTERN DAKOTA GEM & MINERAL SOCIETY

CENTRAL STATES FAIRGROUNDS, Rapid City, SD

NERDY NUTS EXPO HALL

• Dealers offering Rock, mineral & fossil specimens

• Free Rock and Mineral Identification

- Silent Auction
- Children's Activities
- Hourly Door Prizes
- Panning for Gold
- Exhibits/Fluorescent Display
- Grand Prize Drawing



For more information Contact: WestDakota.Rocks@gmail.com

www.WDGMS.org



**50th ANNUAL HUACHUCA MINERAL, GEM,
 JEWELRY and FOSSIL SHOW**
 12th AND 13th, OCTOBER 2024

THE MALL AT 2200 EL MERCADO LOOP, SIERRA VISTA, AZ

For Information; Contact Maudie Bailey,

gmbailey@msn.com, 520 249-1541


2024 Annual Mineral and Gem Show
Oklahoma Mineral and Gem Society
Hosts the
Rocky Mountain Federation of Mineralogical Societies Convention

Modern Living Building
608 Kiamichi Place
OKC Fairgrounds

October 25th, 9—6 pm
October 26th, 9—6 pm
October 27th, 10—5 pm
Daily Admission \$8
 Children under 12 free

Show Features:
 Exhibits, Gem Stones, Fossils,
 Earth Science Education, Tools,
 Rough Rock, Crystals,
 Fluorescent Room and
 Children's Activities

Oklahoma Mineral and Gem Society
 omgs-minerals.org
 See us on Facebook




2024 Annual Mineral and Gem Show
Oklahoma Mineral and Gem Society
Hosts the
Rocky Mountain Federation of Mineralogical Societies Convention

Modern Living Building
OKC State Fair Park
608 Kiamichi Place,
Oklahoma City, OK 73107

October 25th, 9–6
October 26th, 9–6
October 27th, 10–5

Show Features:
 Exhibits, Gem Stones, Fossils,
 Earth Science Education, Tools,
 Rough Rock, Crystals,
 Fluorescent Room,
 Artisan Jewelry and
 Children's Activities

Daily Admission \$8
 Children under 12 free



Oklahoma Mineral and Gem Society
 omgs-minerals.org
 See Us on Facebook



Selenite
 Great Salt Plains, OK

Southern Utah Rock Club Presents
Cedar City Gem and Jewelry Show




September 13, 14, 15, 2024
 Cross Hollow Event Center | Diamond Z Arena
 11 N. Cross Hollow Road, Cedar City, Utah

FREE ADMISSION
 FRIDAY: 10 am - 7 pm
 SATURDAY: 10 am - 7 pm
 SUNDAY: 10 am - 4 pm

Rocks Minerals • Fossils
 Jewelry • Beads
 Junior Club Black Light Display



southernutahrockclub.org
 www.facebook.com/groups/utahrocks

SPONSORED BY
 VISIT Cedar City
 BRIAN HEAD

Reminder:
 Advertise your Show in as many Free locations as possible!

- Local newspapers
- Current events sections!
- Local TV stations
- Community Calendars
- Other local shows

Advertise in the Rock & Gem Magazine!
 Send the information in early so it's published in the magazine as well as online:
www.rockngem.com/showdate-submissions/

Above from CFMS Newsletter, April 2024

2024 Executive Committee – composed of the Officers & the State Directors

Officers:

President	Bob Regner	<Rnregner at aol.com>
Vice President	Jim Gray	<jimgray at wyoming.com>
Secretary	Liz Thomas	<mygemsrock at gmail.com>
Treasurer	Gene Maggard	<gandpmaggard at gmail.com>
Historian	Cinda Kunkler	<cindakunkler at att.com>
Past President		
Past President	Richard Jaeger	<RjgrSci at aol.com>

State Directors:

AZ/NV	Steve Kaminski	<scsckimin at gmail.com>
CO	Kathy Honda	<Kathrine.honda at ucden.edu>
KS	Brad Davenport	<brad7254 at gmail.com>
ND	Steve Fasching	<steve.fasching at gmail.com>
NM/TX		
OK/AR	Roberta Wagle	<waglemom at gmail.com>
SD/NE	Lori Loomis	<sdnestatedirector at gmail.com>
UT	Tracy Jensen	<tracyjensen0515 at gmail.com>
WY	Leane Gray	<lgray at wyoming.com>

Please note: All email addresses are enclosed in chevrons, < >, and the @ symbol has been replaced by the word "at" with a space before and after the word. This is to prevent bots from picking up our email addresses. You will need to remove the chevrons and replace the word "at" and the two spaces with the @ symbol to have the correct email.

2024 Committee Chairs

ACROY (AFMS Club Rockhound of the Year)	Chris Whitney-Smith	<ask.chrisws at yahoo.com>
All American Club	Roberta Wagle	<waglemom at gmail.com>
BEAC (Bulletin Editors Advisory Committee) & Bulletin Editors Contest	Linda Jaeger	<LJGRALG at aol.com>
Boundaries	vacant	
Convention Advisor	Liz Thomas	<mygemsrock at gmail.com>
Credentials	Roberta Wagle	<waglemom at yahoo.com>
Directory	Liz Thomas	<mygemsrock at gmail.com>
Editor of Newsletter	Linda Jaeger	<LJGRALG at aol.com>
Finance	Wayne Cox	<WayneC3 at earthlink.net>
Fluorescent Tech	Pete Modreski	<pmodreski at aol.com>
Fossils Tech	Patrick Rowe	<rowe_patrick at gmail.com>
Gold Pan Award	Richard Jaeger	<RjgrSci at aol.com>
Insurance	Gene Maggard	<gandpmaggard at gmail.com>
International Relations	Mike Nelson	<csrockguy at yahoo.com>
Juniors Program	Terri Harris	<seeingeagle at comcast.net>
Lapidary Tech	vacant	
Long Range Planning	Liz Thomas	<mygemsrock at gmail.com>
Long Range Planning	Richard Jaeger	<RjgrSci at aol.com>
Long Range Planning	Judy Beck	<Lkbeckfam at gmail.com>
Mineralogical Tech	vacant	
Name Badges	Richard Jaeger	<RjgrSci at aol.com>
New Program Contest	Gene Maggard	<gandpmaggard at gmail.com>
Nominating Committee	Bob Regner	<Rnregner at aol.com>
Nominating Committee	Liz Thomas	<mygemsrock at gmail.com>
Nominating Committee	Richard Jaeger	<RjgrSci at aol.com>

continued on next page

2024 Committee Chairs – *continued*

Parliamentarian	Gene Maggard	<gandpmaggard at gmail.com>
PLAC - AZ	Dr. Alex Schauss	<Aschauss at arizona.edu>
PLAC - CO/NE/ND	Mike Nelson (Chair)	<csrockguy at yahoo.com>
PLAC - KS	Jared Kyner	
PLAC - NM/TX	vacant	
PLAC - OK/AR	Stan Nowak	<snowak48 at yahoo.com>
PLAC - SD	Brandon Nelson	<nelson.bc80 at gmail.com>
PLAC - UT/NV	Jack Johnson	<j4x4jj at comcast.net>
PLAC - WY	Richard Gerow	<rgwizzard at wyoming.com>
President's Hat	all past presidents	
Program Library	Gene & Peggy Maggard	<gandpmaggard at gmail.com>
Public Relations	Brian Crocker	<brianrocktrips at gmail.com>
Resolutions		
Ribbons	Peggy Sue Moore	<moorepeggysue at gmail.com>
Safety	vacant	
Scholarship Committee	Richard Jaeger	<RjgrSci at aol.com>
Stationery/Trophies	Bennie Thomas	
Supplies	Roberta Wagle	<waglemom at gmail.com>
Uniform Rules	Lee Whitebay	<lwhitebay at poncacity.net>
Uniform Rules	Leon Reeder	<leonreeder47 at yahoo.com>
Uniform Rules	Les Prezmyk	<presmyk at cox.net>
Webmaster	Dale Bright	<webmaster at rmfms.org>
Website Contest	Jennifer Gerring	<jgerring at gmail.com>

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RMFMS Purpose & Policies – Excerpts from 2023 Directory (Revised)

- To bring about a closer association of the Earth Science Groups in the Rocky Mountain region.
- To increase and disseminate knowledge about minerals and other geologic materials.
- To encourage mineral study, collecting, and fashioning as a HOBBY.
- To sponsor local organizations interested in similar purposes.
- To encourage all clubs to publish bulletins and newsletters.
- To continue building up and promoting the use of the Federation Library of slide programs, videos, CDs, and DVDs to each member club.
- To distribute information and suggestions on the preparation and arrangement of specimens and materials for exhibit and display.
- To provide information and assistance to clubs holding Gem and Mineral Shows.
- To encourage clubs to support the American Federation of Mineralogical Societies Scholarship Foundation Fund.

AFMS Code of Ethics

- 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.

- To promote the concept that all members of all clubs are members of the RMFMS and the AFMS, and to encourage individual members and clubs to take responsibility for asking questions or making known that help is needed. To encourage more contacts between those working at the Federation level, between clubs, and between club members.
- To keep the members informed of problems and activities regarding the use of Public Lands.
- To continue to support Federation-sponsored programs.

The Rocky Mountain Federation is composed of a membership of approximately 9000 members in the following states: Arizona, Arkansas, Colorado, Kansas, Nebraska, New Mexico, Nevada, North Dakota, Oklahoma, South Dakota, Texas, Utah, and Wyoming.

The work of the Federation is directed by the Executive Committee, composed of: President, Vice-President, Secretary, Treasurer, Historian, State Directors, and the two immediate Past-Presidents.

Reminder — next RMF Newsletter is the June 2024 issue. Deadline for articles is May 15, 2024.

- 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.

