

OZARKS GEM & MINERAL SOCIETY

CHERT CHATTER

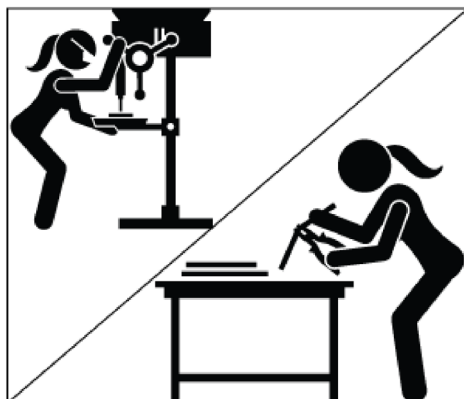
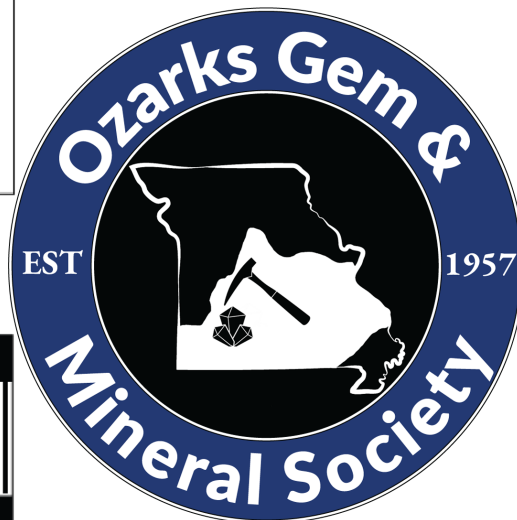
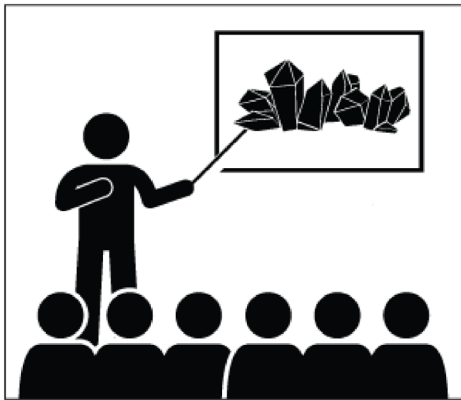


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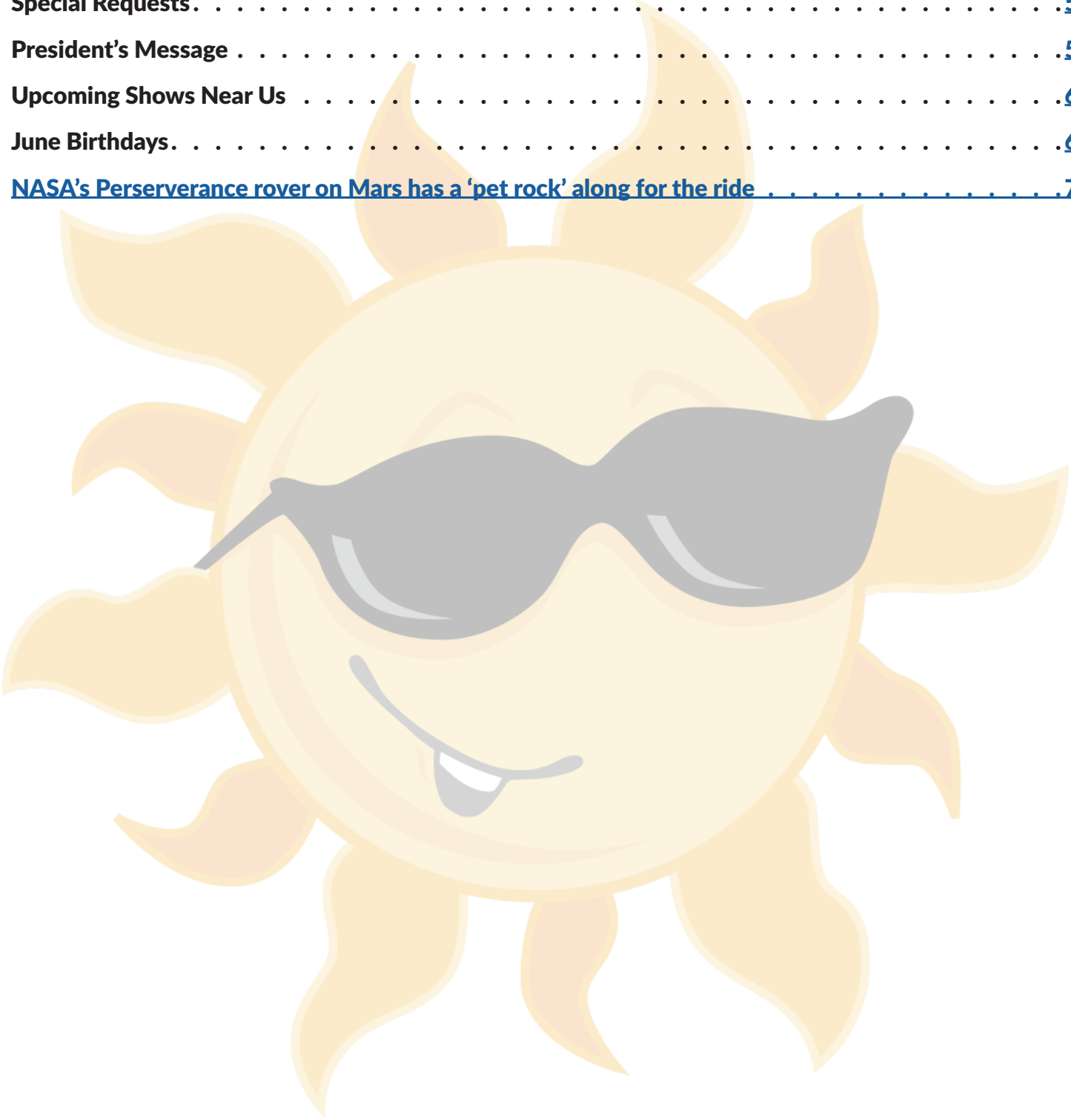
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CHERT CHATTER

June 2022

Ozarks Gem & Mineral Society

404 W. South Street
P.O. Box 2291
65714-9998

Email: omgms.57@gmail.com

Website: <https://ogms.rocks/>

Facebook: <https://www.facebook.com/omgms.57>

Officers

President: Amy Hinkler

Vice President: Angela Richie

Secretary: Greg Goodson

Treasurer: Rick Jackson

Editor: Angel Doran

Show Chairman: Mark Northrup

Field Trip Coordinator: Mark Northrup

Purpose: To study and promote an interest in earth science, geology, paleontology, and mineralogy. To study and promote lapidary and the jewelry-making art and conduct educational programs. To support youth activities and encourage interest in earth science and related areas on behalf of youth.

Monthly Board & Membership Meetings: We meet on the fourth Monday of each month at the Prince of Peace Lutheran Church (enter at the rear of the building – directions below). The Board meeting is at 5:30 PM; the General Membership meeting is at 6:30 PM. In lieu of a December meeting, we have a Holiday party instead.

If Springfield public schools are closed due to inclement weather, the Gem & Mineral Society WILL NOT HAVE A MEETING. If circumstances force us to cancel a meeting, we will post on our Facebook page and send out an email to the membership. Everyone attending is encouraged to practice physical distancing and sanitizing – please restrain from attending if you are feeling ill or have symptoms of COVID-19.

Membership: The club's year ends December 31, at which time dues are to be turned in or they are delinquent. Individual Membership dues are \$15, Couple dues are \$25, and Junior dues (16 and under, sponsored by a current member) are \$5. Please send dues to the address above.

New Officers & Board + Dues Due: January 1st annually

April Meeting Presentation: Bill Arneson

Future Presentations: July - Lisa Baker on Eminence, MO and Keokuk, IA Field Trips

Contact Janis Dietrich to reserve a spot at an upcoming meeting or request a topic you would like to hear more about.

Chert Chatter Material: If you have any requests for items you would like to see in the Chert Chatter, please email them to OMGMS.57@gmail.com.

Directions to Prince of Peace Lutheran Church: 815 E Farm Rd 182, Springfield, MO 65810

From James River/Springfield: Go South on Campbell, turn East (left) on W Plainview Rd (W Farm Rd 182), Travel 0.5 mile and turn left into the Church. Parking and entrance for the meeting is at the rear.

From Republic: From 60/413 in Republic: Go East to 60 East Onramp toward Springfield. Exit At Campbell and follow the above directions.

From Nixa: Take MO 13/US160 toward Springfield. Turn Right on W Plainview Rd (Farm Rd 182). Travel 0.5 miles and turn left into the church parking entrance. Parking and entrance for the meeting is at the rear.

Board Meeting

May 23, 2022

Attendance:

Amy Hinkler, Angela Richie, Rick Jackson, Mark Northrup, Jan Dietrich, Rick Grills, Angel Doran

Call to Order:

5:34PM

Report of the Treasurer:

The Treasurer's Report was read by Rick Jackson. We had \$829.18 income; \$220.00 for dues, Fair Income was \$500, Misc was \$108.50 & \$0.68. We had expenses of \$252.80; \$4.50 in bank fees, \$44.38 for printing, \$39.54 for meeting snacks/drinks/etc, \$120.96 for class materials, \$7.42 for credit card fees, and \$36.00 for NSF check fees (covered by check writer).

Motion: Jan D

Seconded: Mark N

Motion Carried

Report of the Committees:

Field Trips (Mark):

Keokuk trip is still on and will be led by Lisa and Jeff Baker. The dates are June 11 & 12.

Spring Gem Fair:

The Gem Fair committee met and will have sign-up sheets tonight for further volunteers.

Mark will distribute the signs out on the main roadways Monday, May 30. The signs out front of the church or signs that say today will be put out the early morning of the show. Signs will be picked up Saturday Evening.

Museum:

The club will extend an invitation for the museum to send a speaker to the October show if they would like. It is an unpaid event (though entrance fee is waived for the speaker). No booth space is available at this point for this year.

Oct Show:

Amy presented the materials sent to the Federation for the show. All applications and payment for Federation events will be sent to the club PO box.

Box lunches were going to be from Hy-Vee until the Expo center wanted to charge us \$250 on top of meals to bring in outside food. Amy is working with the Expo Center to see if they can furnish the same or better offerings but they will be at a higher rate than what was sent out (the Expo didn't get back with us in time to clear this up before the materials were sent to the Federation). More on this next meeting.

Angel will talk to the museum to see if they want to do a talk at the fall show.

Amy mentioned the possibility of doing programs for the show. 2 full sheets of paper which would give us 8 pages. The copier she has been using gave a quote of \$.05/program or .07 for color paper. We could offer club information, list of activities and presentations throughout the days, and a list of vendors and location map. Offers could be sent out to vendors for advertising on the remaining pages to cover the printing cost of the programs. We will address this again next month.

Programs (Jan):

June and July are up for grabs

August - Rock bag fill night

Unfinished Business:

Nothing at this time

New Business:

No new business

Closing:

Next Board Meeting: Monday, June 27 at 5:30PM

Next Member Meeting: Monday, June 27 at 6:30PM

Closed:

6:30PM

Motion: Jan D

Seconded: Angela R

Motion Carried

Amy Hinkler - provided minutes

Membership Meeting

May 23, 2022

Call to Order:

6:36PM

Presentation:

Isaac Davis (guest speaker) on Back to the Basics: The Art of Flint Knapping.

Report of the Treasurer:

The Treasurer's Report was read by Rick Jackson. We had \$829.18 income; \$220.00 for dues, Fair Income was \$500, Misc was \$108.50 & \$0.68. We had expenses of \$252.80; \$4.50 in bank fees, \$44.38 for printing, \$39.54 for meeting snacks/drinks/etc, \$120.96 for class materials, \$7.42 for credit card fees, and \$36.00 for NSF check fees (covered by check writer).

The new club name, Ozarks Gem and Mineral Society, Inc. was disclosed to the club and arrangements to get the new name moved over to the other materials is in progress. The old web site, etc will still point to our current web site. Angel is working on the electronic side.

Rick also announced that Larry Lillich has stage 3 lung cancer. He will have a PET scan this week and see his doctor on the 6th for course of treatment. Please keep him in your thoughts and prayers.

Motion to accept the Treasurer's report as presented:

Motion: Linda P

Seconded: Jan D

Motion Carried

Report of the Committees:

Field Trips: Mark

Lisa Baker discussed the upcoming field trip to Keokuk and to make reservations for overnight accommodations now. \$25 per 5 gallon bucket of collected material. If you want to get in on this field trip, contact Lisa.

Mark announced that he had the few remaining old logo pins left for sale.

Spring Gem Fair:

The spring show will be looking for volunteers for the club booth to sell t-shirts, drinks and encourage people to join us. The Spring Show Committee was introduced and see them for any sign-ups. (Angela Richie, Bill Ernst, Mike Prugger or Ken Sexton) to sign up.

Friday Evening, after the show is over (5 PM end of show) we will close down the booths and venture over to the side yard to have the vendor appreciation meal and action of donated items. If you have an item you would like to donate to the auction, contact Amy, Mark, Angela, Mike, Bill, Ken any time or the club booth at the show. All club members are encouraged to join in for the BBQ. It's always a fun time. If you can bring a side dish, please do. The show committee or Amy have the sign-up list thus far of what is being brought. Best yet, the food is free and there are always great items to be auctioned off.

Members are encouraged to help Saturday evening to help everyone if we can and we need to final sweep the area to make sure all trash, etc is picked up and we leave the church Saturday night in great condition.

Oct Show:

We didn't really hit much on the October show since we were trying to keep it short for the other activities.

Programs: Jan

June - Bill Ernst

July - Lisa Baker

August - Bag fill (early, in case we need a second month to fill for October)

Unfinished Business:

There was no unfinished business discussed.

New Business:

Amy announced Eddie Maples passing and the funeral was last Saturday. Betty Maples, his wife, passed away on Sunday.

Closing:

Next Board Meeting: Monday, June 27 at 5:30

Next Member Meeting: Monday, June 27 at 6:30

Closed:

7:23

Motion: Jan D

Seconded: Bill E

Motion Carried

Amy Hinkler - provided minutes



President's Message

Our spring gem show seemed to go well. A HUGE!!!!!! thanks to all of you who participated, helped, pulled security at night, attended the bar-b-que and auction, and so many other tasks I can't begin to round up. These events can't be done without our membership's help. Thank you all!!!

The field trip for Keokuk geodes is this month. It will be exciting to hear about everyone's adventures, great finds, and fantastic stories. Field trips are a great time for those who attend. I've built friendships, met tons of new people, brought home way too many rocks and had a relaxing time away from the normal busy life on field trips. I wouldn't trade a one in because the memories mean a lot.

We are reaching out to the membership to plan a summer series of classes but would like to ask each of you what you would like to have classes about. We'd like to set up a schedule and, depending on the type of class, will limit the participants due to space and availability of equipment. Please bring your thoughts and wishes to the June meeting or email the omgms.57@gmail.com. We want to offer the most for our membership and now that we have the facilities to work in, let's go. Plus, with the price of fuel, some of our would-be field trips may be absorbed into classes if we can't get the participation necessary.

Next big focus is our fall show at the Expo Center in October (10/22 & 23). Our club will be hosting the Midwest Federation (rockhounds from all the mid-western states) Convention this year so I'm hoping for a decent sized group to come. We'll see how much fuel costs affects that. We actually have presentations open to the public this year at the show along with all the normal great booths and club events. Be sure to ask what you can do to help out at this show. It's a big event.

We used up all our rock bags at this show so are in need of new rock material to restock the bins. We will be filling rock bags in August at the meeting so get ready. If you can volunteer to sew bags or tumble rocks - please let us know. We will need the help. I'm thinking that will be another potluck/bar-b-que event for August as well. We need more fun events at what better time to do it than enjoying the summer!

Enjoy the beautiful weather this month and we'll see you on the 27th at 6:30 for the general membership meeting at the church - for our new members - enter through the back doors of the church just off the parking lot.

Amy

Special Requests

As always, please remember if you have extra rocks, minerals, or small fossils, you can donate them to the October Show's kid's corner activities (need to fit in the space of an egg in the egg crate). Throughout the year, gather smaller pieces for the kid's corner, so we can keep this treasure hunt going. If everyone collects 10 or more per rock trip and donates them, we can have 50 or more to put into the stock for the kids. We need about 200 every year. There are a lot of kids that come to our show looking forward to the events in the Kid's Corner, so let's not let them down.

Upcoming Shows Near Us

7/15 - 7/16: Lakeland Gem and Mineral Club. Lakeland Union High School, 9573 Hwy 70 West, Minocqua, WI. Fri 10-6, Sat 9-5.

7/16-7/17: Tulsa Rock and Mineral Society. Echange Center at the Expo Square, 4145 E. 21st St, Tulsa, OK. Sat 9-6, Sun 10-5. <http://www.tulsarockandmineralsociety.org>.

7/16-7/17: Carlton County Gem and Mineral Club with Moose Lake Chamber of Commerce. Riverside Arena, 20 Earl Evans Dr, Moose Lake, MN. Sat 9-5, Sun 9-3.

7/30: Sioux Empire Gem and Mineral Society. Bethany Reformed Church, 702 W 7th St, Canton, SD. Sat 10-5.

June Birthdays

I've been sneakily writing down member's birthdays as I hear about them. Let me know yours if you want to see it here during the appropriate month.

Jo Doran (71) - June 4th

Mark Northrup (70) - June 4th

Melanie Slayton (48) - June 9th

Don Hoover (92) - June (I forgot to write down the exact day, but I believe it's sometime this week)

HAPPY BIRTHDAY
TO YOU!



[NASA's Perseverance rover on Mars has a 'pet rock' along for the ride](#)

By [Tariq Malik](#) 10 Jun2 2022

Perseverance's pet rock has hitchhiked across 5.3 miles on Mars aboard the rover. NASA's Perseverance rover has picked up a rocky hitchhiker on Mars.



The Perseverance rover on Mars collected a pet rock in its left front wheel in early February 2022 and it's hanging on for the ride. (Image credit: NASA/JPL-Caltech)

NASA's Perseverance rover has picked up a rocky hitchhiker on Mars.

The rover has collected a "pet rock" tucked inside its left front wheel that has been riding along with Perseverance since early February. So far, its ridden across 5.3 miles (8.5 kilometers) with the [Perseverance](#) rover as it drives across its Jezero Crater home on [Mars](#).

"This rock isn't doing any damage to the wheel, but throughout its (no doubt bumpy!) journey, it has clung on and made periodic appearances in our left Hazcam images," Eleni Ravanis, a student collaborator on NASA's Perseverance mission from the University of Hawaii at Mānoa, wrote in an [update](#).

According to Ravanis, Perseverance picked up the small Mars rock on Feb. 4, the rover's 341st day (or Sol as Mars days are called) on the Red Planet. At the time, Perseverance was exploring a rock formation called "Máaz" that scientists think was made up of ancient lava flows.

Since then, Perseverance has carried the rock north across its landing site, named for the famed late science fiction author [Octavia E. Butler](#), and then west across the remains a region called “Kodiak,” the [remains of a former delta](#) at Jezero. The rover is currently in the midst of what NASA calls its Delta Front Campaign and may have drilled into its first sedimentary Mars rock, Ravanis wrote.

“Perseverance’s pet rock is now a long way from home,” Ravanis wrote. “It’s possible that the rock may fall out at some point along our future ascent of the crater rim. If it does so, it will land amongst rocks that we expect to be very different from itself.”

If that happens, a future Martian geologist might be a bit confused to find the rock so out of place, Ravanis added.



A closeup view of the Mars rover Perseverance’s pet rock in its left front wheel on May 26, 2022. (Image credit: NASA/JPL-Caltech)

Hitchhiking rocks are no strangers to NASA’s Mars rovers.

In 2004, the [Spirit](#) rover picked up what Ravanis described as a “potato-sized” rock in its right rear wheel that eventually had to be dislodged. Perseverance’s cousin, the older [Curiosity](#) rover that will celebrate its 10th year on Mars in August, has also picked up rocks in its own [battered wheels](#) every now and again as it continues its own mission in Mars’ Gale Crater.

“While it’s unclear exactly how long these rocks stuck around, they tended to hop off after a few weeks,” Ravanis wrote. “Perseverance’s current companion is therefore on its way to setting Mars hitch-hiking records!”





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