



Tulip City Gem & Mineral Club

CONGLOMERATE

Monthly Newsletter of the TCG&MC
PO Box 2082, Holland, Michigan 49422

Website: www.Tulipcity.org
Facebook: www.facebook.com/tulipcityclub

February 2023

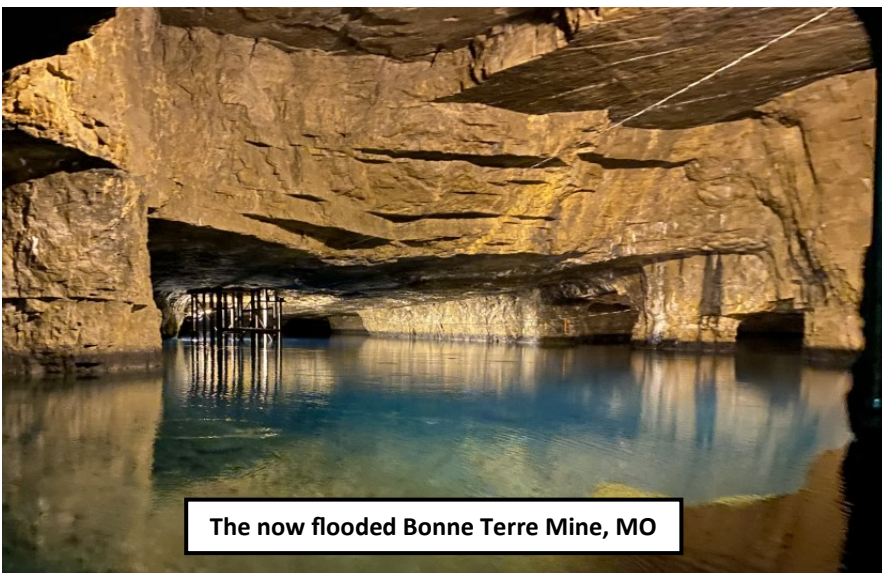
Volume 56, Edition 2

Galena Mineralization In Mississippi Valley Type Deposits

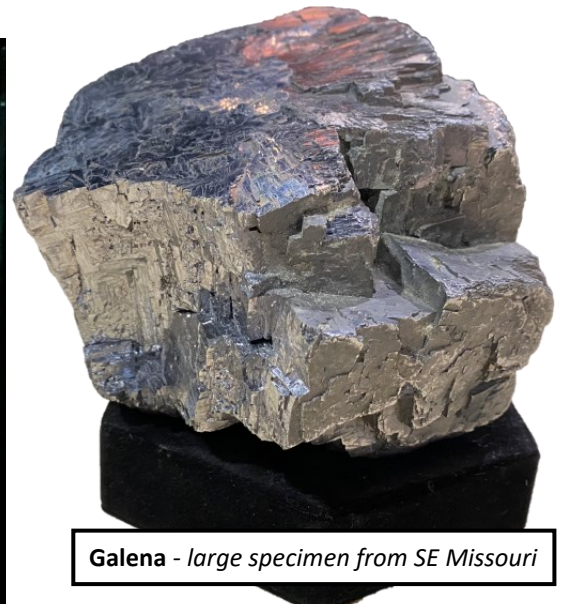
Special Guest: Dr. Renee Sparks

Join us as we venture outside of Michigan geology "We'll take a tour into the Precambrian igneous rocks as the source of economic metals including lead, zinc, and copper. From there we'll step through the Lamotte Sandstone, a Cambrian aged sedimentary rock overlying a billion-year gap in the geologic record. Finally, we'll dive into the Cambrian and Ordovician dolostones that host the Mississippi Valley Type massive sulfide deposits, to examine their emplacement and strategies for extraction." - Dr. Sparks

A professor of mineralogy and petrology at Hope and Calvin Colleges, Dr. Sparks shares her passion outside of the classroom leading field trips to the St. Francois Mountains. TCGMC members may also know Dr. Sparks as the Director of the Bruce Dice Mineralogical Museum, one of our more recent club field trip destinations thanks to an invitation from the Indian Mounds club.



The now flooded Bonne Terre Mine, MO



Galena - large specimen from SE Missouri

FEBRUARY IS RED/PINK (of course ;) - Monthly Contest

Bring in your favorite red or pink specimen for the monthly contest. Fill out a card (*without your name*) and place the specimen on the designated table. We will vote with pennies at our break time, winners will get a specimen of that color!



Events



FOR OUR CLUB AND BEYOND!

2023 TCG&M Board

President - C.H. Falstad
cfalstad3@gmail.com

Co-V.P. - Alexandria Vanderski
alexandria.vandervest1029@gmail.com

Co-V.P. - Julia Sherwood
bobandjulia@accn.org

Secretary - Teresa DeMol
t.demol@yahoo.com

Treasurer - Kurt Brinks
kdbricks1@gmail.com

Field Trips - Gary Katt
kattfiles@gmail.com

Historian - Betty Hoekstra
kbhoek@att.net

Junior Club - Shari Luttkhuizen
sluttikh@oaisd.org

Liaison - Mary Johnson
maryjohnson299@gmail.com

Membership - Rhonda Gehringer
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solace247@yahoo.com

Webmaster - Aaron Nelson
anelson31@gmail.com

Show Chair -
< OPEN >

Social Coordinator - Michelle Lanting
michlyngal@gmail.com

Dir. at Large - Tom DeMol
t.demol@yahoo.com

Dir. at Large - Bill McDonald
bobmaciv@gmail.com

Past President - Michael B. Larson
mblarson300@yahoo.com

2/17 Geofest - Indiana State Museum - Fri -Sun 10-5
650 West Washington St, Indianapolis, IN 46204

2/18 Workshop - Rance & Anne Westover - Sat (tbd)
Speak with Rance or Anne for details

2/22 Tulip City General Meeting - Wed, 7pm
Howard Miller Library, Zeeland

3/4 Roamin' Club Rock Auction - Sat 11-6, Sun 12-6
Schoolcraft College - VistaTech Center, 18600 Haggerty Rd., Livonia, MI

3/17 Michigan GMS Annual Show - Fri 10-7, Sat 10-6, Sun 11-5
Keeley Park Jackson City Fairgrounds - 200 W. Ganson Rd, Jackson, MI

3/15 Tulip City Board Meeting - Wed, 7pm
Howard Miller Library, Zeeland

3/18 Workshop - Rance & Anne Westover - Sat (tbd)
Speak with Rance or Anne for details.

3/29 Tulip City General Meeting - Wed, 7pm
Howard Miller Library, Zeeland **APRIL BOARD MEETING @ 6:15**

3/31 Tulip City Spring Break Field Trip - 3/31 to 4/9
Silver City, New Mexico - See Field Trip notices

!! BANQUET IS COMING IN APRIL !!

! Meeting SNACKS !

It's time to replenish the snacks again! Any type of pre-packaged snack would be appreciated. Crackers, chips, cookies, bars, nuts, or any fresh snacks like little oranges, grapes or cheese sticks. Just remember to check those expiration dates!

~ This months "Mascot" ~
The masthead this month reminds me of a cube of Fluorite from the Minerva mine in Illinois but it is in fact a cube of Halite, from the Intrepid Potash Mines, Carlsbad, New Mexico. It was photographed during our last field trip to the Bruce Dice Museum on Calvin's campus. It appears to be about a 2.5" cube. - Jon Mull

Gypsum crystals from the GR Alabastine mine also at Bruce Dice



Event details can be found on the Midwest Federation Site - www.mwfed.org/calendar



Field Trips



Spring Break New Mexico - Mar 31 to Apr 9

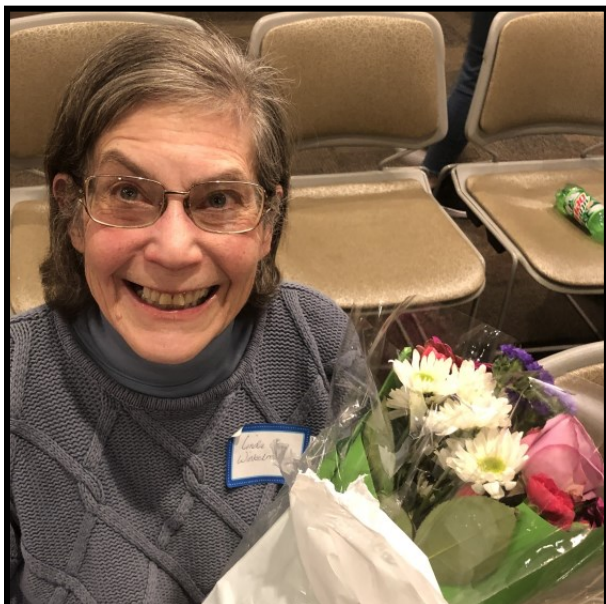
We will be collecting a variety of chalcedony, jasper, petrified wood and other material in a wide radius near Deming and Silver City, New Mexico. Because of the nature of the sites there is only room for one or two more attendees. If you are interested, please contact me right away.

Jon Mull. solace247@yahoo.com

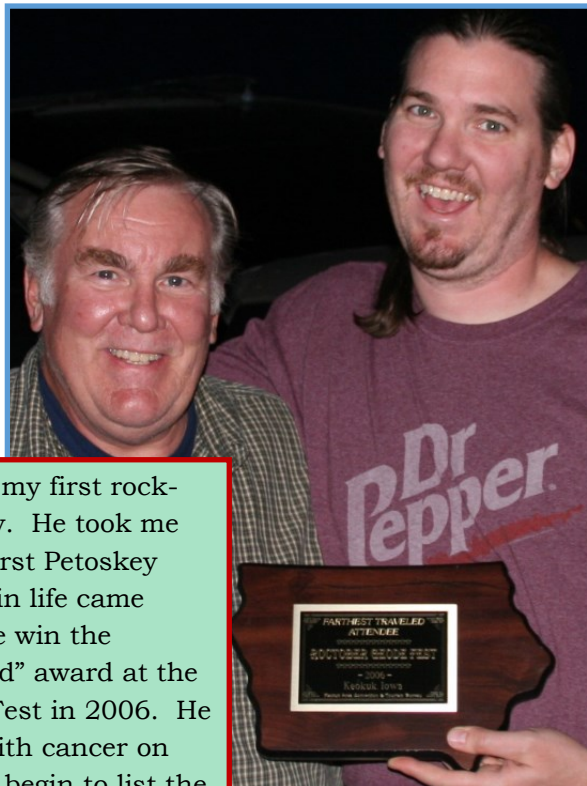
Bob and Julia have decided on the trip to Utah. Please reach out to them if you did not already sign up at the January meeting. They will be able to let you know if there is still room on the trip and further details.

Bob & Julia Sherwood. bobandjulia@accn.org

Gary is also looking for others interested in hosting a basement field trip. Perhaps also in February or March. Please reach out to him if you are willing to share your collection with the club! kattfiles@gmail.com



At our January meeting we had an opportunity to recognize Linda Winkelmann for her many years working with our junior club. Linda is finally stepping away but happily will continue to be very active with the club. Congrats Linda!



My dad was my first rock-hounding buddy. He took me out to find my first Petoskey stone and later in life came along to help me win the "farthest traveled" award at the Keokuk Geode Fest in 2006. He lost his battle with cancer on Jan. 28. I can't begin to list the ways he will be missed.

-Love you dad.

Daniel Mull 8/4/42 to 1/28/23

Rock Exchange Update **Looking for more!**

We finally heard back from one of the rock clubs and Carla James from the Maplewood Rock & Gem Club of Edmonds, WA is excited to join us in the exchange. Their club is one of the oldest in the Puget Sound area, started in 1951.

Here is a link to their club page. <https://maplewoodrockclub.com/>
We do have some starter material but could use some extras. We are trying to keep it something that we have collected from not too far away, so when the other clubs get it, they won't all have that in their collections already. If you're thinking of bringing something and not sure if we already have enough of that type of specimen, you can either call me at 616-218-2707, email using the email address on the board list, or bring it to our general meeting and we can see at that time. I will have boxes in the back by the door prize tickets for you to fill. We are still hoping to hear from one of the other clubs.

Thanks! C.H.



Winter Workshops

Our V.P. team is also working on winter opportunities to learn a new skill that will involve refining or embellishing a collected rock or mineral, or perhaps a specimen you purchased that is already polished. Sign ups were out at the January meeting.

The first workshop has already happened in January.

See Alex or Julia for details

Westover Workshops

Rance and Anne Westover have a very nice lapidary workshop at their home. They would like to offer a "lapidary 101" opportunity to a few newer members this winter. Due to a limited amount of space they can accommodate 3 couples, or a parent and a junior if there is an interest. Sign-up sheets were at our January general meeting. Dates are: **Sat. Feb. 18 & Mar. 18.**

Contact Rance and Anne for more info

rance_anne@yahoo.com

Thanks to Rance and Anne for continuing to provide this educational experience.



Field Trip Report - Bruce Dice Museum

Submitted by John McDonald (with minor help from mom & dad)

I attended the field trip to the Bruce Dice Museum at Calvin College. We first learned about the Geology department and the programs at the college from one of their professors. Everyone was divided into two groups; one to start in the museum, while the other was off to explore the lab rooms set up for our visit. I went with the lab rooms group first. We were free to go into the lab rooms after a brief tour of the department. One room had this AWESOME sand table set up with an Augmented Reality projector above it. When you moved the sand around in the table it showed how the topography of the surface changed. If you dug down in the sand, you could find water. This was a group favorite for sure. Then we got to check out different sliced sections of rocks and minerals under microscopes. My favorite was one that showed minerals in the volcanic rock. When it was our groups turn to explore the museum, WOW!! It was an amazing display of all types of specimens from around the world. The kids were encouraged to participate in the scavenger hunt. My favorite thing to find was the mineral floating in liquid.....it was gold flakes. The coolest thing in the museum was the case that had the florescent rocks. The case had switches you could change to see them at different waves of black light. We still had two more lab rooms to explore after the museum. I stopped into the one with all sorts of samples you could look at with black lights. The final room I visited had boxes with all different types of rocks, minerals, and fossils you could touch and look at to try to name them. There was one last visit to the AG sand table before leaving. After sharing my favorite things from the day, I was asked to share one thing new I learned: it was how some rocks had thin layers like little sheets. I would definitely recommend a visit to the Dice Museum for yourself as it is fun as a family or on your own. Thank you to all from TCGMC that attended especially the new friends we made. Also, a big thank you to the Indian Mounds Rock Club for inviting us to join them for such an amazing adventure.

A special thanks to John for taking the time to put this field trip report together. It is great to have junior members share their enthusiasm for our hobby. It gives us hope that our club is in good hands as time moves on!





Our club has been exploring the possibility of moving our show back into the Civic Center space. A great deal of discussion has been going on between our board members, the show committee, and the venue. As part of that process the Civic Center has offered us an opportunity to see the new space. If you haven't had a chance to see the inside since the renovations then this is your chance. If you plan to be involved with the show then you may wish to be aware of this possibility. Please join us at the Civic Center on Wednesday February 15 at 7pm if you want to see the inside and share your opinions.

Thanks!

One last reminder...

It's February. This is it, your last newsletter... IF you haven't renewed. If you would like to continue your adventures with us, the last page of this issue is a membership form. A perfect way to get it filled out and sent in. We would hate to miss you this year! It's still \$15 for individuals and \$20 for families. Please note it is now \$10 for mailed newsletters. Send form and payment to:

TCGM c/o Rhonda Gehringer
1980 Driftwood Dr.
Holland, MI 49424



TCGM Minutes - Jan 25 General Meeting.

Tulip City Gem and Mineral Club
January General Meeting
01/25/2023 7:00 PM
Howard Miller Community Center

President C.H. Falstad called the meeting to order at 7:00. Adults = 47, Jrs. = 2

There was no door prize.

Jrs. went with Shari L.

6 new people were in attendance, either as new members or as guests.

The Penny contest color was blue. A wonderful Blue Labradorite presented by Robin won the vote.

Linda W. was presented with a bouquet of flowers and a round of applause in thanks of her years working with the Juniors.

Bob S. presented 2 field trip options he was putting together. One was a 3 week trip to Utah and a 2 week trip to South Dakota. Sign ups were available for potential travelers. More info at the February meeting.

Julia S. gave information on upcoming basement field trips and workshops. See newsletter for details.

Teresa D. gave information on a potential trip to Maine this summer. More info to come.

Gary K. gave information on a possible Canadian Trip to Thunder Bay.

Jon M. gave information on a field trip to New Mexico over spring break.

Raffle had 6 items.

Magazines/light won by Mike

Polished Dino Poop won by new person

Alabaster won by Little John

Blue forest pet. Wood won by Peter

Mexican Lace agate won by new person

Oregon fire opal won by Little John

Featured speaker was Peter R. on the topic of BIF (banded iron formations).

Meeting adjourned around 8:30 ish

Teresa DeMol - Secretary

- Junior Page -

Our year is off to a great start. In January we got to explore, handle, feel and talk about what is the difference between a Rock, a Mineral and a fossil. We looked at everything close up, and with a black light. We also talked about what we would like to learn about this year. We each picked out a favorite specimen to hold up for a fun selfie.

How do you begin to learn how to identify rocks and Minerals? Do you go by color alone? Are all rocks with bands in them an Agate? Join us February 22 as we continue on our journey of learning how to identify and learn about rocks, minerals and fossils. This month we are going to learn different clues or characteristics of Rocks and Minerals. All Juniors and their parents are welcome to join us. You may even go home with a specimen or two for your own collection.



L to R. Angie is holding up a beautiful Mineral Sample of Prehnite, Fluorite and Galena. Shari is holding up a Lake Superior Agate. John has a large Copper specimen.

Fun prizes will be awarded. As always, parents may attend with their children if they want to... but they may be called on to participate!

Tulip City Gem and Mineral Club

Membership Application / Renewal for 20__

Paid for: ___ Individual (\$15.00) ___ Family (\$20.00)

Newsletter Delivery: ___ Email (FREE) ___ U.S. Mail \$10.00



PLEASE PRINT LEGIBLY (Must have a postal mailing address)

Adult Name: _____

DATE: _____

2nd Adult Name (if applicable): _____

Street Address: _____

City: _____ State: _____ Zip: _____

Primary Phone: _____ *Home or Cell*

Secondary Phone: _____ *Home or Cell*

Primary E-Mail address: _____

Secondary E-Mail address: _____

Please make check payable to :
Tulip City Gem & Mineral Club

Mail to:
Rhonda Gehringer
1980 Driftwood Dr,
Holland, MI 49424

Questions can be e-mailed to:
tcgmc.news@gmail.com

If this is a family membership, please list ALL participating family members' names and birthdays.**

**** Family membership include parents/guardian and all unmarried children under the age seventeen and living at home.**

Name: _____ Birthday: _____

Name: _____ Birthday: _____

Name: _____ Birthday: _____

Name: _____ Birthday: _____

**Additional children information may be written on the back of this paper.
We need this for MWF insurance purposes.**

CHECK interest(s) in club:

- ___ Faceting
- ___ Metal Craft
- ___ Beading / Wire Wrap
- ___ Lapidary
- ___ Tumbling
- ___ Rock / Minerals
- ___ MicroMounts
- ___ Fossils
- ___ Juniors
- ___ Field Trips
- ___ Collecting

TCG&MC PRIVACY POLICY: For purposes of planning field trips and other TCG&MC Social activities, the club will annually distribute a listing of adult member names, addresses, telephone numbers and email addresses to all club members. The TCG&MC officers will never knowingly distribute your address information to any other group or organization.

As a condition of membership, and in consideration of any mineral collecting, use of facilities, equipment, and other educational opportunities available to me as a club member, I hereby agree to hold the Club and its officers, Directors, committee members and agents harmless, and to indemnify them against any loss and claims arising from me or my family's participation in Club activities:

Adult Signature: _____ Date: _____

IMPORTANT NOTE: We must have a SIGNED copy of your application/renewal form on file.

Term of Membership and Dues. TCG&MC memberships run January – December. NEW members joining after September 1st will have their dues credited through the end of the following year. Memberships must be renewed by December 31st to be in good standing.



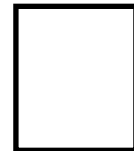
Meetings are held monthly on the last Wednesday of the month at the Howard Miller Community Center 14 S. Church Street, Zeeland, MI at 7pm, unless otherwise noted in the **TULIP CITY CONGLOMERATE**.

Our Junior Club welcomes and encourages young rockhounds and meets separately during the meeting. To become a member, complete the form at www.tulipcity.org

Our club is a non-profit organization sponsored by the Holland Recreation Department. it is a member of the Midwest Federation and the American Federation of Mineralogical Societies. The general purpose of this club is to develop interest in and increase knowledge of minerals, rocks, gems, fossils, and the lapidary arts. The objectives of this club shall be promoted whenever possible, through family participation.

Advertising rates for club members are: \$5 for business card size, \$10 for 1/4 page, \$15 for 1/2 page, \$30 for full page. non-member rates are double. Make check payable To: TCG&M with ad copy to Editor.

Tulip City Conglomerate
Jon Mull, Editor
14325 Essenburg Dr
Holland, MI 49424



Background photo is a slab of Pallasite Meteorite from the Dice