



THE TULIP CITY CONGLOMERATE



Bulletin of the Tulip City Gem & Mineral Club, PO Box 2082, Holland, MI 49422

Website: www.Tulipcity.org

May 2019

Volume 52, Edition 5

Jun 1-2
Springfield, MO
Annual Show

Jun 1-2
Onalaska, WI
Annual Show

Jun 8
Herrick Fest 10a – 2p
Setup 9a
Kollen Park

Jun 8-9, 2019
Mansfield, OH
Annual Show

Jun 12, 2019
Board Meeting
7pm HMCC

Jun 21-23
Bedford, IN
Annual Show

Jun 28-30
Elden, MO
Annual Show

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General Meeting **May 29, 2019, 7pm** **Silent Auction**

On May 29, we will be having a special program featuring our very own silent auction! This is an opportunity to share (i.e. sell) some of your rocks, minerals, and similar items (lapidary) with others. Proceeds from the silent auction sales will go back to the member (unless you decide to donate a portion to the very worthy Tulip City Gem and Mineral Club).

There will be two Special Tables - one will be devoted to items that only our Junior members (under 18 years of age) are allowed to purchase and where these items are usually priced a little lower! The other Special table will be for items that benefit the Club, not an individual. We are going to sell the items that were received from the club in Nevada, and also a few of the Larry Graves Agates. The Club Treasurer will be absent that evening, so the Vice President will take payments for Club benefit items.

Auction slips can be printed off from our own Tulip City Gem and Mineral Club website. Just go to www.tulipcity.org. (Club Sponsored Events – at the bottom of the page are links to four variations of bid slips that may be printed.)

Donors identify if an item is for Juniors or the general club. Sellers select the starting price, and the minimum bid increase. As each seller is responsible for making change for the items they sell, don't forget to bring small bills and coins. It would help all concerned if buyers brought small change and/or a checkbook for this event. If you are selling items, please start setting up around 6:30pm. In case space becomes limited, it may be necessary to limit your offerings. Bring your recent finds, or maybe something that's been tucked away for years. This is also your chance to pick up some great pieces. We'll have tables periodically closing throughout the evening's program. Watch those auctions closely, and the timer so you can make sure to get in the last bid before closing! Come share and expand your collection!

Club Calendar 2019

Jun 26 (Wed) – General Meeting, 7p, HMCC
Jul 7 (Sun) – Picnic
Aug 2-6 - Ishpeming
Aug 14 (Wed) – Board Meeting, 7p, HMCC
Aug 24 - 7th Annual Tailgate
Aug 28 (Wed) – General Meeting, 7p, HMCC
Sep 13-15 – TCG&MC Show
Oct 16 (Wed) – Board Meeting, 7p, HMCC
Oct 30 (Wed) – General Meeting, 7p, HMCC
Nov 6 (Wed) – Board Meeting, 7p, HMCC
Nov 20 (Wed) – General Meeting, 7p, HMCC
Dec 4 (Wed) – Board Meeting, 7p, HMCC
Dec 18 (Wed) – General Meeting, 7p, HMCC

HMCC = Howard Miller Community Center, 14 S Church St. Zeeland, MI
Bold listings are Club events. *Italic listings* are non-Club events.
 Major source of material is from: <http://www.amfed.org/mwf/Calendar/>

Check out the Facebook Group:
<https://www.facebook.com/tulipcityclub/>

2019 Officers and Board of Directors

President	C.H. Falstad	cfalstad@ameritech.net
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Past President	-Bob Sherwood	bobandjulia@accn.org

For 2019, there are fifteen (15) positions, which have one vote each. There are currently (15) persons on the Board (two persons share one position). One position is open.

Show Corner

Our next club meeting is coming up next month on June 19. We would love to have you join us as we plan our 50th show! And this year Paleo Joe will be joining us. As you are planning your summer trips, please pick up a bit extra for Club Sales (clean and identified please) or to put in Silent Auction. The show will be here before you know it!

Etymology: June

(Please note that I took this from Wikipedia, so this may not be completely accurate! - Ed.)

The Latin name for June is *Junius*. Ovid offers multiple etymologies for the name in the *Fasti*, a poem about the Roman calendar. The first is that the month is named after the Roman goddess Juno, the goddess of marriage and the wife of the supreme deity Jupiter; the second is that the name comes from the Latin word *iuniores*, meaning "younger ones", as opposed to *maiores* ("elders") for which the preceding month May (*Maius*) may be named. Another source claims June is named after Lucius Junius Brutus, founder of the roman Republic and ancestor of the Roman gens Junia.



April 27, 2019 - Two Club Field Trip

Julia Sherwood and Pam Havermans of the White River Rock Club worked together to arrange this first ever joint field trip for the two neighboring clubs. The objective: to collect Petoskey stones, stromatolites, favosites and horn corals along the north shore of Lake Michigan. Eleven members from the Tulip City Club met five White River members at the Norwood Township Park. The temperature was 36 degrees and it never rose above 40 during the entire afternoon, collecting at four sites.

Around noon the group moved in convoy to Fisherman's Island State Park at Charlevoix where all enjoyed a chilly picnic lunch before heading to the beach in knee boots and winter gear. Ray Plumert who rode with Bob Sinke and me, made good use of his wife's perforated turkey roaster; going out into the surf, scooping buckets of stone and then spreading it on the sand to pick over the contents. This site, which is usually a primo collecting location, was somewhat disappointing in terms of production compared to previous trips. There was a narrowed beach here as well as at all our stops due to Lake Michigan's rising water level since January, 2013.

Next we moved to Banks Township Park at Atwood. This beach more than made up for the scarcity at others. It seemed like every foot or so produced a Petoskey stone or more and stromatolites were everywhere. Personal thanks to the many of you who passed along their finds of this fossilized algae for Julia to bag with a label for Kid's Games prizes at the Tulip City Show. It should be noted that none of the parks were officially open so that meant no open restrooms. This also meant that fewer people had searched the beach – especially obvious at this Twp. Park.

Our final stop was at Eastport's Barnes County Park. Personally, I felt this was somewhat disappointing, but again, this is in comparison with the bonanza we found at Banks. While many of us headed back home—to encounter a furious snow storm in Grand Rapids, many in Pam's group stayed over in Traverse City to collect around the Leelanau Peninsula on Sunday. In sum, I think Bob Sinke was quite pleased with the amount of Petoskey stones he collected as well as those he anticipates will be donated by those Tulip City members who were on the trip to be used for Club Sales and the Petoskey Polish Kits for the fall Tulip City Show! Please sort, clean and take to Bob at a future meeting.

Bob Sherwood

Seven die-hard women from both groups stayed overnight in Traverse City to collect on Sunday. We met at Sleders Family Tavern for dinner on Saturday evening. Good food and camaraderie were enjoyed by all amid our tired yawns. We left to meet the following morning in Sutton Bay. Several looked around the hotel rocks for Yooperlites, however none were found.

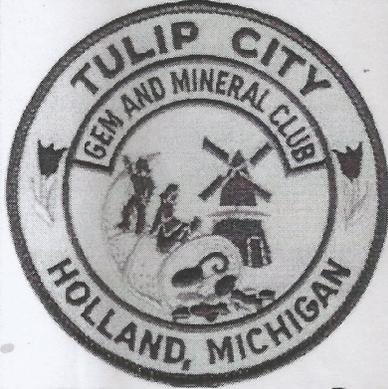
Sunday bloomed sunny and warmer, 50 degrees with a very light breeze. Our first stop just outside of Sutton's Bay was kind of hit or miss. We searched a road cut just outside of town. The road cut was steep and more suited to goats than rock collectors. We then moved on to Peterson Park where all braved the 100 ft. bluff to collect. The girls only made one trip down and up with many rocks. Next we traveled to Christmas cove, where the rock and beach was smaller. At the end of collecting Christmas Cove, it was mid afternoon and the group was tiring out from two days of carry rocks. We split up, some went souvenir shopping, some hit a spot or two for rocks on their way home. I've heard that the lunch at Fishtown was excellent.

Overall, petoskey, favosite, horn coral, brachiopods, banded chert, Leland Blue and a possible agate or two were found by these club members.

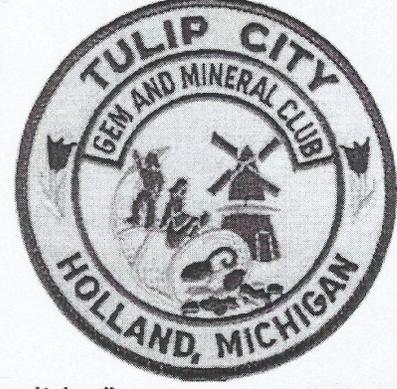
Pam Havermans

TULIP CITY GEM & MINERAL CLUB SEVENTH ANNUAL TAILGATE SWAP N' SELL

FREE ADMISSION! FREE ADMISSION! FREE ADMISSION!



NEW LOCATION
At Walters Garden (Parking Lot)
1992 96th Ave.
Zeeland, Michigan
(Chicago Dr. and 96th Ave.)



Date and Time
August 24, 2019
9:00 AM to 2:00 pm

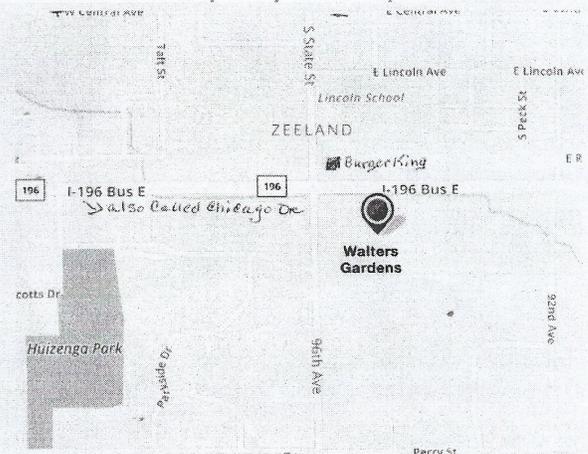
From rough rocks and slabs (finished to polished),
Copper, Crystals, Minerals, Cabinet Specimens and whatnot
to Finished Jewelry items on display!

The Club will have a sales booth present, along with
a Geode Cracking device!
Geodes will be available.

All members of a western michigan rock club are welcome to set up a
booth. Please keep all items ***rock related***.
You may bring folding tables, chairs, and a tent cover to be set up next
to your vehicle.

This Non-profit Organisation is
located near restaurants as well!

Donations are requested to cover the Porta potty facility.



Contact us online at www.tulipcity.weebly.com
Or call Tim Brandt at (616) 403-9176

**Tulip City Gem and Mineral Club
General Meeting Minutes
March 27, 2019
Howard Miller Library, Zeeland, MI**

Meeting began at 7:00 PM (6:30 for Juniors with Petoskey polish)

Kurt Brinks presented the treasurer's report.

Julia Sherwood gave an update on upcoming field trips, sign-ups and future field trips.

Gary Katt presented a Powerpoint on his experiences of collecting and polishing Chlorostrolite (greenstone).

Auction of four pieces of donated lapidary equipment, Luna agate and specialty Lake Superior agates.

Attendance was 105.

Respectfully submitted,
C.H. Falstad

**Tulip City Gem and Mineral Club
Howard Miller Community Center Zeeland
Minutes April 24, 2019, 7:00 PM Annual Banquet Meeting**

5:30 PM – evening began with punch and social activities;

Board reports

Immediate Past President – Bob Sherwood

Memorial books on order Cave Geology – not able to perma-bound total all books ~\$135.

GVSU Geology Dept April 28th 2:00 PM at Kevin Cole's, bring dish to pass Herrick Fest – new person in charge, Logan Poe; rain or shine; June 8th 10:00 to 2:00; opportunity to promote club, show, and swap; motion to approve by Bob seconded by Betty, motion passed;

Field Trip Coordinator Julia Sherwood (absent) Bob S. reporting Petoskey collecting April 27th, one-day, meeting at Norwood Township Park go to Fisherman's Island State Park and then to Elk Rapids. Bring own lunch. Bob needs ride or will drive with someone else.

Motion was made, seconded. Meeting was adjourned.

Three scholarships were presented to Grand Valley State University Geology students:

1. Cate Shagonby
2. Vincent Hrnayak
3. Joshua Walker

Two scholarships were presented to Hope College Geology students:

1. Max Huffman
2. Jacob Stid
- 3.

Guests included Sandy and Dr. Ed Hansen (professor Hope College), David and Susan Haas (Kalamazoo Geological & Mineral Society, Lois and Gary Hecksel (Indian Mounds Rock & Mineral Club)

Linda Heyworth drew the raffle ticket for the Septaria egg generously donated by Heyworths. The winner was Lucas Borsema. A very nice zeolite was donated by Dave Haas of the Kalamazoo Geological and Mineral Society, won by Rudy Silich.

Bill Heyworth presented the program "Ice Age Mammals" to the excited interest of all in attendance.

Respectfully submitted,
C.H. Falstad

**West Michigan MWF Mineral Study Group
Calcium Minerals (A-B)
By Kreigh Tomaszewski**

Our mineral study group is working thru the periodic table of elements in our current study sequence. Our featured element this month was Calcium, but since there are so many minerals that contain calcium we had to limit the study this month to those that start with the letters A or B.

Each month the members of the mineral study group go thru their collections to find representative specimens to share with the group. We also do some homework to learn a bit about the subject group of minerals so we have something to share even if we don't have specimens that month.

Our habit is to pass our specimens around the table in alphabetic order, one mineral at a time, and share some facts about the mineral. Sometimes it may be one specimen, or sometimes everyone there may have brought at least one specimen. We started this month with the inosilicate Actinolite.

We use the MinDat.org 'search by chemistry' function to generate a list of minerals. The list had Aegirine-augite on it. Thinking it was a series some people brought specimens of Aegirine and/or Augite. It is actually a unique mineral with a formula between that of Aegirine and Augite.

After that speed bump we got going again with the oxide Aeschynite-(Y), the tectosilicate Afghanistanite, the phyllosilicate Agrellite, and the sulfate Gypsum varietal name Alabaster.

The sorosilicate Allanite has four varieties, -Ca, -La, -Nd, and -Y; our specimens had not been lab tested so they were labeled without the suffix. Then it was the carbonates Alstonite and Andersonite, and the sulfate Anhydrite, plus a specimen with the varietal name Agelite.

Our next round started with the tectosilicate Anorthite (with both rough and faceted specimens), the phosphate Apatite, the carbonate Calcite with the varietal name Argentine, the phyllosilicate Armstrongite, the inosilicate Augite, and the phosphate Autunite, which is radioactive.

The sorosilicate Axinite has three varieties, -Fe, -Mg, and -Mn; our specimens had not been lab tested so they were labeled without the suffix. That brought us to the inosilicate Babingtonite, the tectosilicate Barrerite, which is a zeolite, the very dense carbonate Barytocalcite, the inosilicate Bavenite, the phyllosilicate Beidellite, and the oxide Birnessite.

The halide Fluorite with the varietal name of 'Blue John' with bands of a purple-blue or yellowish color. We got off track with this one because several people had seen the bowl made of Blue John in the Wikipedia article on it.

We finished up with the phosphate Brandite, the oxide Brownmillerite, the nesosilicate Bultfonteinite, the carbonate Burbankite, the inosilicate Bustamite, and tectosilicate Anorthite with the varietal name of Bytownite.

We often have some time to look at some unknown you might need help on (no promises of a positive ID, but we are slowly getting better at identification). This month was not an exception, and we identified several specimens people had brought in.

(Continued on Page 6)

(Continued from Page 5 Mineral Study Group)

The next monthly meeting of the West Michigan MWF Mineral Study Group will be the start of our tenth year and will be held on September 10, 2019, from 7 pm to 8:30 pm, at the home of Kreigh Tomaszewski, 653 Burton St. S.E., Grand Rapids, MI 49507. We will be studying minerals that contain calcium and have names beginning with the letters C or D. We try to limit our study range so we have about 25 specimens to fit them into our time frame.

We try to start (and end) on time; please do not arrive more than 20 minutes early (and everyone gets thrown out by 9). All West Michigan rockhounds are invited to attend. I hope you can join us as we learn about minerals from each other, but you are always welcome even if you can't bring any specimens. Please join us and let part of your collection get to meet some other rockhounds and be appreciated.



Fisherman's Island Field Trip



Vintage Show Article
Submitted by Chet Smith



SORTING ROCKS — Pictured here (left to right) are Mrs. John Kingshott, Mrs. A. W. Vanderbush and Mrs. Paul DeKok as they sort rocks for the Gem and Mineral Show

to be held Sept. 11 and 12. The show, entitled, "Riches of the Earth," will be held in the Civic Center and is sponsored by the Tulip City Gem and Mineral Club.

Prepare Rocks For First Gem, Mineral Show

Members of the Tulip City Gem and Mineral club have been meeting weekly this summer in the Paul DeKok home at 672 Graafschap Rd. to sort label and ready many varieties of stones for the first annual Gem and Mineral show.

The show is set for Sept. 11 and 12 and will be held in the Civic Center.

The title of the show, "Riches of the Earth" is reflected by the display of interesting stones found throughout the world.

The variety of stones include agates and fossils from Michigan, fossils from Sylvania, Ohio, Braidwood, Ill., Badlands, S.D. Also Thundereggs from Oregon, Biotite, Sodalite, from Ontario Canada and Rhodocrosite from Argentina.

The show is open to the public and should be of interest to all ages. There will be more than 90 exhibits, movies, a silent auction, a children's exhibit and Michigan's share of "moon rock."

*August 27
1990*

If anyone has additional photos or articles from early Shows, please send them to me for inclusion.- Ed.



Junior Rock Club Page

"Septarian Concretions and Other Round Stuff"

Hey, one of our juniors won the spectacular "Septarian Geode" from Madagascar that was raffled off at the April Banquet--congratulations, Lucas! That means the May junior meeting will be a great opportunity to have a look at that beautiful specimen and to learn about what concretions actually are and how they form. In fact, we need to find about concretions in general, and about septarian concretions in particular: what makes a septarian concretion different from any other kind of concretion? And since Lucas' prize specimen is labeled a "septarian geode" we ought to figure out how a septarian geode might be different from any other kind of geode too, right?

Does all this stuff about Madagascar and concretions and septarian whatzits and other odd words sound too exotic for you? Well, you'll be interested to learn that you can find septarian concretions just a stone's throw south of us on our Lake Michigan beaches. That's right! Those "lightning stones" you can collect around Glen and Pier Cove are further examples of septarian concretions. And you can find pyrite concretions another stone's throw to the north of us on the Lake Michigan beaches in Antrim County!

Why not join us Wednesday, May 29, at 7:00 at the Howard Miller Community Center in Zeeland to learn how all the far away and near-by stuff fits together...and to get a good, close-up look at Lucas' Madagascar septarian geode?

Rick Smith and Linda Winkelmann
Junior Program Leaders



Septarian Geode



Septaria - Michigan Lightning Stone

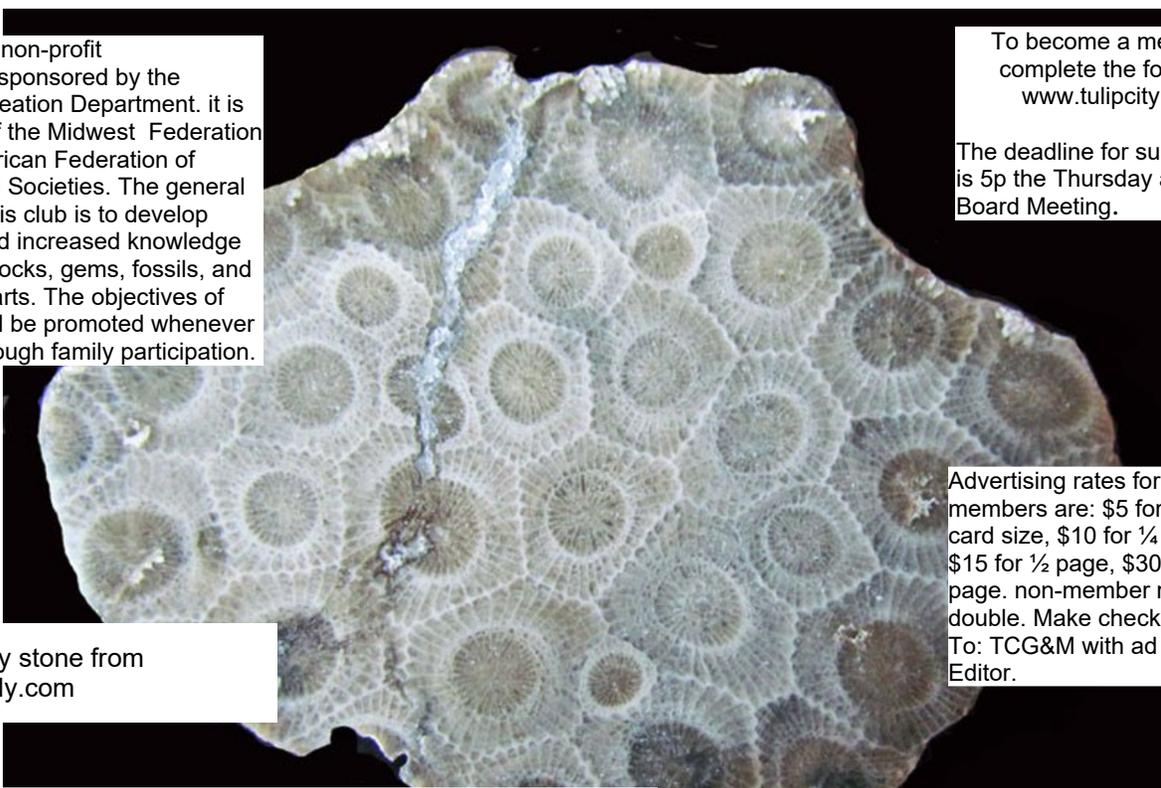


Concretion with iron-oxide nodules

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 increased knowledge of minerals, rocks, gems, fossils, and the lapidary arts. The objectives of this club shall be promoted whenever Possible, through family participation.

To become a member, complete the form at www.tulipcity.org

The deadline for submissions is 5p the Thursday after the Board Meeting.



Petoskey stone from agatelady.com

Advertising rates for club members are: \$5 for business card size, \$10 for ¼ page, \$15 for ½ page, \$30 for full page. non-member rates are double. Make check payable To: TCG&M with ad copy to Editor.

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 announced otherwise in the TULIP CITY CONGLOMERATE. Junior Club welcomes young rockhounds and meets separately during the meeting.



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Tulip City Conglomerate
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