



THE TULIP CITY CONGLOMERATE



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

Website: www.Tulipcity.org

August 2019

Volume 52, Edition 7

Sep 6-8, 2019
Greenfield, IN, Toledo, OH
Annual Shows

Sep 13-15, 2019
Tulip City Gem & Mineral Club
Annual Show
Soccer Stop
Holland, MI

Sep 20-22, 2019
Lincoln , MO
Annual Show

Sep 21-22, 2019
Howell, MI
Annual Show

Sep 28-29, 2019
Traverse City, MI
Annual Show

Sep 28-29, 2019
Nashville IN, Oshkosh WI
Annual Shows

Oct 11-13, 2019
Warren, MI
Annual Show

Oct 16, 2019
Board Meeting
HMCC 7pm

October 30th
General Meeting
HMCC, 7pm

This Edition

Program: 50 Years.....	p1
Calendar/Board/Show/Displays.....	p2
Silent Auction/Moon Rock/Shirts..	p3
Caps/Field Trip/Trip Rpt.....	p4
Pictures.....	p8
Junior Page: Schist.....	p9
About Us: Zebra Schist.....	p10

Big Five O! **General Meeting** **August 28, 2019 – 7p.m.**

This year our Club is celebrating the 50th Anniversary of our Rock and Mineral Show. Just think, we have been doing this for 50 years. 50 yearly Themes. 50 set ups and break downs. 50 years of having fun with a great hobby, supporting our local college students, educating kids, and also a lot hard work. It's time to party!

Join us on August 28, 2019 for an exciting celebration complete with door prizes, raffles, cake, and fun stories of the shows and field trips of the past. We are also giving away prizes to those brave enough to answer all sorts of questions that the board members have come up with. If you can think of a great story to share, bring it along.

This will also be a great opportunity to sign up to fill a shift at the show. This year we will be explaining what to expect if you sign up to help at each of the stations, and the show chairs will be there to answer questions. There are so many fun places to help out, like tickets, club sales, sluice, silent auction, kids games, kitchen, and more! If you come and work a 2-hour shift, you can even have a meal with us. See you there!



Club Calendar 2019

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

Dec 31 – 2020 Club Dues Deadline!

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/>

Display Time At the Show

It's time to get your collections ready to show them off. All of your rock collections that have been stored in a box all winter; they need to be displayed. They have been fun for you to find. Now, it would be nice if you'd share them with us!

If you haven't made a display before, we're going to show you how. At our August 28 meeting we will show you how to put a display together. It's a great way to help make our Show a success!!!

[Editor's Cryptic Note, since there is space left: I took the high road (trail) with respect to a couple of pictures related to the Junior topic this month. I hope my misnomers are not lost upon you, nor leave a sour (like a lemon?) taste.]

2019 Officers and Board of Directors

President	C.H. Falstad	cfalstad@ameritech.net
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Dir. at Large	Tim Brandt	timwbrandt@gmail.com
Dir. at Large	Amy Dickinson	adickins@oaisd.org
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 – Chili Cook Off!

I would also like to announce were having our 2nd annual chili cook off contest on Saturday night of the show. Each contestant must sign up and bring a crock pot of their favorite chili. We will ask if your chili is spicy, medium or mild, as last year we did not have enough mild for the folks who can't handle the heat. Don't worry, spicy condiments will be provided. The grand prize will be unveiled at the general meeting on August 28.

Last years' winner was Vickie Hartung, who won a beautifully polished Thunder egg. This year the winner could be you!

Diamond Dan News

DARYLL POWELL aka DIAMOND DAN is an artist, author and editor of many resources for young people interested in mineralogy. He has graciously made available **free copies of his "Mini Miners Monthly"**, an online newsletter. It's 10 pages (.pdf) that families can print out for drawings to color, puzzles and short articles! It's lots of fun to use. Let lindawinkelmann@att.net know, if you would like her to forward this newsletter to your home.

Likely you've found some great rocks and minerals as summer souvenirs!! Please plan to share your favorites at our September Show. Display cases are provided to show-off the treasures! Hope to see you all on August 28th.

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Silent Auction at the Show: A How-To Guide to Sell Your Stuff

Are you planning on offering material at the Silent Auction at Club's 50th anniversary Show? Here are some directions for you.

- 1) Bring your auction items to the Silent Auction area at the Soccer Stop by Friday afternoon, Sept. 13.
- 2) Deliver your Silent Auction materials in boxes, crates, etc. with your name clearly printed on each.
- 3) Make sure each Silent Auction item is accompanied by a bid slip. (Rubber bands are useful to keep your auction item and bid slip together.)

Note: Bid slips are available on-line at tulipcity.org. (Click on the "Club Sponsored Events" button and go to the bottom of the page.)

- 4) Fill out bid slips completely. (Don't forget to include a minimum bid!)

- 5) The Junior Auction table is restricted to junior bidders (both adults and juniors may offer auction items there). Set your minimum bids accordingly.

Note: There are separate bid slips for the Junior Auction table.

- 6) Stop by the Show on Sunday, 5:00 pm, to claim any items that may not have received a successful bid.

Moon Rock By Chet Smith

It was about 8:00am when I parked my car at the Civic Center and walked slowly towards Joe Moran's office.

Joe was sitting at his desk with one hand on a black phone, not saying a word.

When he saw me, he nodded and said, "I have been talking to Lansing this morning and we are going to get the Moon Rock for our first show!! We got it!!"



Club Shirts For Sale – 2019

Pre-paid orders for Club Shirts will be taken at the General Meeting on August 28, 2019. Bring cash or checks to the meeting. The shirts will be delivered to you at the Show setup on September 12.

Wearing the shirt during the Show and at other Club events helps the public identify members of the Club by their distinctive shirts. It also helps us spot one another across a crowded Show floor.

Sizes & Prices:

Crew neck: SM to XL=\$9.00, 2X=\$11.00, 3X to 5X=\$13.00

Polo shirt: SM to XL=\$13.50, 2X=\$15.50, 3X to 5X=\$16.50



Club Caps For Sale – 2019

Pre-paid orders for Club Caps will be taken at the General Meeting on August 28, 2019. Please bring cash or checks to the meeting. Only 48 will be available on this order. Caps will be delivered at the Show setup on September 12.

The price is \$14.00 each. They have a buckle adjustment.

Please note that the actual cap will display the TCG&MC logo using red and blue stitching.

**September Field Trip - 2019**

On Saturday, September 28, 2019 there is a Field Trip planned to the Alpena area for collecting fossils. A signup sheet will be at the August General Meeting and during the Show at the Soccer Stop.

Alpena fossils are very abundant and easily collected with a garden claw or a simple pick for the most part. Sometimes a chisel is necessary to remove a large specimen from its matrix.

Because this is a quarry environment, you will be required to wear sturdy boots, a safety helmet a safety vest and safety glasses. In addition you should wear long pants and gloves to prevent skinned knees and knuckles while climbing on the rock piles.

Entry to the quarry will be early in the morning, so an overnight stay in Alpena is recommended. We will finish collecting by early afternoon so you can return home the same day as you collect.

More details will be available at the August General Meeting

Julia Sherwood, Field Trip Chair

U.P. Field Trip Journal - 2019

July 30 – After crossing the bridge to the U.P., we drove west on Hwy. 2 until reaching Gustafsons in Brevort, our favorite shop for smoked fish, beef jerky and Wisconsin curd cheese and bought some of each for “the road” and later. Then north through the Hiawatha National Forest to Grand Marais, our first visit to this area of the U.P. on Lake Superior for a two-day stay at the Park Beach Motel where Shari and Ellie joined us. Following a stroll around this little town, we went to the recommended Great Lakes Brewing Co. for dinner. Having earlier eaten a fair amount of smoked fish we chose to split a “Rockhound” pizza over the “Hematite” variety which we enjoyed. Three blocks away was “Gitchee Gume” agate shop owned by Karen Bryz, otherwise known as the “Agate Lady.” We talked agate for all of a good hour. Her latest collection addition was an outstanding “shadow” agate that shifted right and left in a band. The most disconcerting aspect of Grand Marais we found was the abundance of bikers along with ATV’s buzzing on every street, ruining what otherwise would be a rather enchanting little town.

August 1 – Following a quick breakfast we headed out to three different beaches in pursuit of the elusive “Laker.” Only Shari found an agate and a “wanna-be.” We had hoped to find examples of Jacobsville sandstone to take back for the club Juniors and game prizes but minimal luck with good

contrasting patterned pieces but knew from last year's experience we would do well at Big Bay later. So it was back to Great Lakes Brewery for whitefish basket which was excellent.



Illustration 1: A shot of everybody!

August 2 – We followed the scenic Pictured Rocks National Shoreline through Munising and west to Ishpeming. Julia and I then tried to locate a pegmatite site we had been given rough directions to, south off M-41 on M-95. The rough two-track we drove went through a swamp on either side with no sign of pegmatite, but (somehow) did come out miles away on M-41. Then it was dinner with several club members at the Jasper Ridge Brewery (Ishpeming) where the Kalamazoo club also congregated.

August 3 – Time to do some serious collecting! While several members participated in the Ishpeming Club sponsored collecting trip to the Republic Mine

tailings, another group gathered at Wonderland Motel including the White River Club. We convoyed with 8 vehicles to Lindberg Quarry, noted for its approx. two billion years old, colorful, richly patterned Kona Dolomite. This makes wonderful rock garden ornament specimens and provides lapidarists with material for cabs, bookends and clocks. Every vehicle was loaded with what space and weight could be afforded, given the several field trips ahead. Hard not to fill up when the cost is approx. a half cent per lb.! In our case, we had 240 lbs. consisting mostly of bookend-size pieces and buckets of small ones for Julia's polypropylene bags. Part of our collecting is always thinking how we can help our club show.

Unfortunately, due to mechanical problems with Ray & Linda's truck, they had to leave it at a shop and for the next several days joined us with a little rented RAV-4. Following lunch in the quarry, we went to the Champion Mine tailings where there are vast areas of specular hematite and micaceous hematite, an iron ore. Also, with persistent searching can be found black schorl, chloritized almandine garnets, pyrite and magmatite. On a bright, sunny day, this sparkly mass can be almost blinding! Everyone had received a full dose of sun earlier and were exhausted so did not stay overly long. After a quick clean-up we all met for dinner at Jerzis 41 west of Ishpeming for dinner. They feature a special every night and this was fish night.

August 4 – Show Time! – The annual indoor/outdoor show hosted by the Ishpeming Rock Club draws rockhounds from throughout the Upper, below the Bridge as well as Wisconsin who come to buy and sell minerals with a U.P. focus. This includes lots of copper, datolite, chlorastrolite (greenstone), epidote, jaspilite, jasper, agate, mining tools, artifacts, and even petoskey stones. It's always good to see our friends, Bill and Linda Heyworth of "Beauties of Creation," long-time dealers at our September show, with their booth. Early afternoon several members gathered at Doug Trudell's lapidary workshop below the Cliff's



Illustration 2: Return from Verde Antique Marble Quarry

Museum where he offers a variety of minerals as well as slabs, clocks and bookends made from Republic Mine jaspilite. That evening the Ishpeming Club provided a "Crackerbarrel" where a guest speaker introduced rather technical information about the nearby pegmatite site. This was followed by a live auction in which Lois Hecksel was a successful bidder.

August 5 – This was a full day starting at 8:30 a.m. with eight vehicles convoying to the Verde Antique Marble location. While only five miles out of Ishpeming, it does require hiking a two-track to the small quarry site adjacent to the former Ropes Gold Mine. We were happy to include Dave and Sue Haas, Kalamazoo club members who had not been there previously. I pointed out a favorable looking piece of serpentine, partially sticking out of a collapsed pocket, which Dave levered out, hauled down to the trail and managed to return to the parking area on a hand truck. Our F.T. Coordinator, Julia, determined this afternoon we would drive north to Squaw Beach at Big Bay, Lake Superior, to gather Jacobsville sandstone which was once quarried as a architectural building stone. While the Big Lake has risen like Lake Michigan and narrowed the beach, there was no dearth of sandstone in its many patterns of reddish tan. Following dinner at the Mama Mia's Italian restaurant in Ishpeming, Ray, Brenda and Vern Nienhuis and Roger and Juanita Nielsen set out to search for Upperlites.



Illustration 3: Pegmatite outcrop

August 6 – Shari, the Nienhuis' and Hecksel's and Sherwood's went to the Little Mountain Mine in the eastern edge of Ishpeming for jaspilite. This is the second oldest open pit mine in the U.P., established in 1848. After a short hike back through the woods, the group returned an hour later with all they could carry. With more specific directions to the Black River pegmatite site, we manage to locate the correct two-track and the outcrop only .2 mile off M-95. It revealed pink feldspar, muscovite mica, and quartz. This small 7' x 7' mass has been whaled on and chipped at by many. We pulled out the Sherwood "enforcer" with its hardened chisel-tipped bar and managed to

extract several larger pieces for everyone. Last site for the day was the historic 1846 Jackson Mine in Negaunee, the first open-pit mine on the Iron Range Trail. This concluded our last day in the Ishpeming area.

August 7 – On the way to the Keweenaw and our stay in Mohawk at the White House Motel where we were joined by Ray and Linda, we stopped at "Nature's Way Woodworking" in Alberta. Dave Stimic's shop is noted for its beautiful Birds Eye Maple which he crafts into numerous objects, including table and chairs. Dinner was with Hecksels and Plumerts at the Michigan House Café and Red Jacket Brewing Co., built by a successful German immigrant brewer in 1905 as an opulent saloon and hotel. Bob enjoyed revisiting the handcrafted coffee oatmeal stout!

August 8 – We had breakfast at Miners Café in Laurium with Hecksels and Plumerts. By prearrangement we went to see Paul LaBonte in Calumet. Paul is known as the "go-to-guy," a knowledgeable collector and dealer in Keweenaw minerals. Everyone seems to know and respect Paul. Marvelous specimens were displayed in a built-in wall case and he had laid out a variety of minerals for sale to tempt us. It was a pleasure to hear his stories of many years of collecting. With pockets a little bit lighter, Julia and I drove to the Seaman Museum in Houghton for a personal appointment with the curator, Ted Bornhorst. Julia's networking with Seaman personnel has made it possible to have special exhibits loaned for our club shows. On the Wednesday of the Houghton show, a number of Yoopers have gathered at the Quincy Min Hoist parking lot for a "swap,"—in reality it is a tailgate event such as what our club holds. As always, it drew a large crowd of rockhounds eager to see what new material might be available. Later, we gathered across the street at Peterson's Fish Market, an open-air restaurant for dinner. Some of us cannot get enough fresh fish when in the U.P. where the menu whets the appetite. It offers whitefish baskets, baked or deep fried, Singapore baked whitefish and Parmesan crusted baked whitefish, cod tacos, or all of the above in sandwiches. Finally, smoked fish chowder (to be tried next time).

The next morning it was the long drive back home from Mohawk, just under 600 miles and a 12-hour drive. It was a lot of fun having enthusiastic club members along, nine of whom had never collected previously in the U.P.

Bob & Julia Sherwood



Illustration 4: Ray doing something to that pegmatite ourcrop



Club Picnic



Rick



Shari



Lindberg Quarry

Junior Rock Club Page

Schist—A Hulk of a Rock

Some of you may know the movie and comic book character called The Hulk, normally a mild-mannered scientist name Robert Banner who turns into an enormous, green, muscle-bound superhero under certain conditions. Well, that's an example of metamorphosis, a scientific word that means "change." Some rocks also undergo metamorphosis, changing from one thing to another under certain conditions. These metamorphic rocks comprise one of the three major rock types, and our featured rock for the August Junior Meeting, is schist, one kind of metamorphic rock.

We'll talk briefly in our August meeting about the Rock Cycle and the three major types of rocks (igneous, sedimentary, and metamorphic), and we'll look more closely at some specific kinds of schists, how they get their names, what kinds of rocks they were before they metamorphosed into schists, and what kinds of conditions made them change. (Dr. Banner changed into The Hulk when he came under emotional pressure; any guesses what kinds of forces make igneous and sedimentary rocks change into schists or other metamorphic rocks?)

Your take-home schist specimen will be a kyanite schist, collected on a Club sponsored field trip in Wisconsin and donated by Bob and Brenda Sinke. We'll see you on Wednesday, August 28, at the Howard Miller Community Center in Zeeland.

Rick Smith & Linda Winkelmann
(Next two pic credit to Rick Smith)



Mist Creek is a grand hike beneath Mist Mountain in Highwood, Kananaskis Country, Alberta, Canada.



Pic credit for going up and down Mist Creek goes to:
<https://hikingwithbarry.com/2012/08/02/mist-creek-highwood-kananaskis-hiking-alberta>

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.

Zebra Schist from phys.org

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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