



THE KETTLE KRIER



Official Publication of **Kettle Moraine Geological Society**
Visit our web site at www.kmgsrocks.com

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The Kettle Moraine Geological Society (**KMGS**) was organized in 1960 for the purpose of gathering and disseminating knowledge of geology and the earth sciences

Our meetings are held at the Pewaukee Public Library on the third Wednesday of each month at 6:30 PM. Guests are always welcome. Persons interested in becoming members can obtain an application form from any of the officers.

Visit our website at www.kmgsrocks.com and like us on facebook.

The Kettle Krier is the official publication of **KMGS** and is published each month. Articles for publication must be submitted no later than the second weekend of the month prior to publication.

KMGS is a member of the Midwest Federation of Mineralogical and Geological Society and the American Federation of Geological Societies.

MONTHLY MEETING NOTICE

The July monthly meeting of KMGS will be held at the Pewaukee Public Library on Wednesday, July 21, 2021 at 6:30PM.

After the usual business meeting and discussion, stick around for the refreshments and an interesting program brought to us by Laura and Josef Fischer. They will be giving us a virtual tour of the Oogalal, Nebraska petrified wood gallery and other attractions in the area. It should be an interesting evening.

See you all there!

From the Presidents Corner

Hi everyone,

Greetings from Monument CO. Josef and I are visiting my brother Larry and his wife Sharon. Right now I'm sitting here looking out at Pikes Peak. Larry was able to reserve a space for the four of us in the annual Victor CO Rock and Mineral craft show. It was a 3-day event which left us all exhausted. We met many wonderful people (some even from Wisconsin) and sold lots of rocks and jewelry. Victor and Cripple Creek are located in the Pikes Peak region of CO and are well known for being gold mining towns. Many abandoned gold mines are still visible and can be toured. The Newmont Mining Corp is operating a huge open pit mine in Victor, which is over a thousand feet deep. Each year they take out many ounces of gold worth millions. The area is also well known for semi-precious rocks and turquoise. The Pikes Peak area is also known for its amazonite, which my brother digs on his property. We are really enjoying our visit. Hope to see you all at our next meeting in July.

MEETING RECAP

The June meeting started out rather well with 21 members gathered to hear the latest about the what the club is up to. Vice President Debbi Elftman presided since our president was on trip to rock country (Colorado). The usual reports and housekeeping was followed by discussions about the picnic, How to fill the Field Trip Committee positions and the possibilities of short presentations made by members as the programs each month. There is a whole bunch of experience out there and this would be a great way to pass it on to the newer members.

Larry Christopherson brought some books and magazines for the members perusal and taking.

John and Mary Rettler brought in some large selenite specimens for display. They were later added to some quartz points brought in by Debbi Elftman and a couple of Milwaukee Brewers mugs donated by Janet Schmitt as door prizes for the evening.

Tim Perrin once again requested donations of small pieces of rough to go with the display of cabs we are building. Anyone having some to give can contact time at timp@netwurx.net.

The night was finished off with refreshments provided by Marlene Ilecki and Carol Ward and a fabulous DVD on the Pyrite Mines of Spain, with personal commentary about owner of the mine by Janet Schmitt.

June 16th, 2021 - KMGS Monthly Meeting

- (1) **Meeting Called to Order** by Vice-President Debbie Elftman at 6:33 pm.
- (2) **The Pledge of Allegiance** was recited by the 21 members in attendance.
- (3) New member Terri Torbeck was in attendance.
- (4) **The Minutes** of the May meeting were read by Secretary John Rettler. Motion to Accept as read by Monica Daley, Second by Toni Schumacher. Motion Carried.
- (5) **Treasurers Report** was read by Treasurer Tony Ilecki. Motion to accept as read by Toni Schumacher, Second by Gail Perrin. Motion Carried.
- (6) **Tech Committee Report.** Javier Benitez made some updates to our website, as we needed some security updates, and asked the club for made some input as to what we want the website to become. As for it to be a “resource” for others we need to pass the links we find interesting on to him for posting. Several other ideas were mentioned, but it will take some effort from the members to get these to Javier.
- (7) **Education Committee Report:** Mike Anderczyk reported that he had no requests to speak. It was noted that with the post-covid environment, many groups are not yet meeting and many of the events we traditionally attended were either cancelled or in disarray and it may take some time to get back to normal.
- (8) **Program Committee Report:** Joe & Laura Fischer will present a slide show of their tour of the Petrified Wood Museum in Ogallala Nebraska at the July Meeting. Peter Graetz will do a program in August.
- (9) **Show Committee Report:** John Rettler reported that the 2022 show is being planned, and there was nothing new to report currently. It was asked if there would be a “theme” for the next show, and seeing that it was the 60th year- the Diamond Anniversary” may be appropriate. Details will emerge as we plan more closely.
- (10) **The Sunshine Committee Report:** Marlene Ilecki provided a short Sunshine Committee report.

(Old Business)

- (11) Janet Schmitt confirmed the Hartland Nixon Park reservations for the Annual Outdoor Meeting and Picnic for Saturday July 31st. Unless announced at the July meeting on the 21st, we will plan on the Sat. the 31st. The grill will be fired up just before noon, and all attendees are asked to bring a dish to pass.
- (12) Tim Perrin reported on the Club’s “Wilson Collection of Cabochons”, and most have been identified, but the members are invited to review and add their thoughts if they see an error. He explained the next step and the process, and the club thanks him for his efforts.
- (13) Debbie Elftman noted we will return to the traditional “Goodie Detail” following the meetings and asked for volunteers for the July Meeting.

(New Business)

- (14) John Rettler reported that Scott Schmidt & Skye Seaborn of S&S Rocks sold the titanium bar and whale fossil from the Wilson collection, and they will be sending us a check.
- (15) VP Debbie Elftman, cited that still lacking a Field Trip Coordinator, if anyone had thoughts on arranging a club field trip to bring it forward for consideration. None were offered.
- (16) Several specimens of Selenite were on display for the group by John & Mary Rettler, Some Milwaukee brewer cups, were brought by Janet Schmidt, and some quartz points by Debbie Elftman, and were given away as door prizes.

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- (17) Larry Christopherson brought is some books for anyone who wants them, as they are free for the taking.
- (18) Mary Nettesheim & Janet Schmitt provided a spectacular 30-minute video on the Pyrite mines of Spain.
- (19) An assortment of snacks and drinks was provided for the club members by Marlene Ilecki & Carol Ward.
- (20) Motion to adjourn by Mary Nettesheim, Second by Monica Daley. Motion Carried at 7:38 pm.

John M Rettler - Secretary

News of our Members and Club

Bernice McCloskey, one of the founders and longest continuing member of KMGS had a fall about a week ago and is recovering from a bruised/broken pelvis at home. Last report is that she is doing well and is looking forward to celebrating her 99th birthday on the 18th of this month. If you wish to send a card or letter with birthday wishes and need her address, contact me by phone ((414)881-3411) or email (tilecki@ymail.com). It is hoped that she can make it out to our picnic at Nixon Park on July 31st. Have quick recovery Bernice, we are all pulling for you.

It is with sadness that we heard about the 4th of July event at Fireman's Park in Germantown being changed. The timeframe and lack of supporting vendors have made the event not worth setting up. We will miss the interaction with the people and the fun of talking rocks with the attendees.

Just a reminder to be careful out there, so far four of our members have had minor falls in the last month. Stay safe, we want you at our meetings and at the picnic.

OBITUARY

One of our former long time members, Marion Weinke, has passed away at the age of 99 in Port Edwards, WI. Our older members may remember Marion and her husband Fred as they were extremely active members of KMGS from 1967 until moving to Manistique, MI upon retirement, but remained members and visited us often until Fred died in 2004. Marion and Fred were the creators of the sifter in 1981. Marion had the idea and Fred constructed it. Marion was also known as the baker of KMGS because she baked cakes for birthdays and other events. Marion was made an honorary member by the board in 2017.

Rain Delay Adventure

(Part one of two)

John Rettler

While I always appreciate Fathers Day sentiments and celebrations, I also equally appreciate simple token well-wishes and activities like going for a ride to see the countryside or a nearby attraction. There are times that rain will dampen the best planned events, and as in sporting events, sometimes there will simply be a delay of game or Rain Delay. Such was the case on Fathers Day when schedules fell out of alignment, numerous plans seemed unfeasible, and the much needed rain was threatening to sidetrack any outside cookouts or plans for celebration.

No surprise that when the clouds loomed, and rain began to fall on Sunday, Mary and I tossed our ever-ready travel bags, including a change of clothes, overnight supplies, a pair of blankets and pillows and a cooler into the van, loaded up Zoe the dog, and a few snacks and set off for an indiscriminate location, to be determined along the way to enjoy the day. Leaving home around 2:00 pm, we dove north on I-41 beyond Green Bay and took state highway 41 northeast and followed Lake Michigan towards Marinette Wisconsin where we saw a majestic navy ship already launched but still under construction, before turning north on highway 35 into the Upper peninsula of Michigan.

Geology and the study of earth science is seldom as impactful without some travel and hands on exploration. For us, travel and studying geology and earth science are an accompanying endeavor, as we always find a means to combine education and pleasure in our travels. The plan was to do some rockhounding for syenite rich sodalite (“Yooperlite”), using my handy-dandy longwave 365nm (nm=nanometer) filtered ultraviolet flashlight, which makes the sodium or silica chloride, calcite, halite, even wulfenite within the rocks glow a brilliant fluorescent color against the drab gray exterior we see with the naked eye. Unfortunately, the rainy down pours and near constant drizzle limited the beach combing to a few brief escapades at roadside parks, waysides, and occasional rocky collections which may harbor the Michigan native mineral specimens.

We struck out, as with the limited times we ventured out into the swells of rain we had to be content with Zoe going for a walk, and Mary examining a few pieces of driftwood accumulated on the shoreline. Even the gray weathered smooth remnants of the forests tell a story of some most recent acts of geology and science.

Wood is not a product of the lake, and has been transported by wind, water or other means, and the erosion of the surface turns a log into driftwood. It is the same science (process) which occurs in geology. Just as glaciers change the geology of the landscape, and transport minerals and specimens across vast reaches of the region, and erode the surfaces to transform them into everything from rocks to polished art, specimens, and smaller byproducts the size of grains of sand, and deposit them on mountains of the newly formed landscapes for our enjoyment.

We made several ventures to the sandy shoreline, and by the time we entered Escanaba, we determined that the seemingly endless sandy beaches were not likely to yield any fruits. Despite enjoying the days with the longest daylight of the year, we had a time-zone change, and passed through the Hiawatha National Forest before it got late and dark, when we found a shoreline campground in Manistique and settled in the for the night.

Tune in next month for the return trip.

Sunshine Committee Corner

Here to share information about members for members. Please let us know what you wish to share.

Contact Marlene Ilecki, email: ileckimar@gmail.com, Phone:(414) 430-5788

WELCOME TO NATIONAL WATERMELON MONTH NATIONAL GRILLING MONTH & THE START OF THE DOG DAYS OF SUMMER

BIRTHDAYS IN JULY

Joe Woger, July 6; Richard Rosenberger, July 7; Laura Fischer, July 11; Peter Graetz, July 15;
Bernice McCloskey, July 18; Carol Ward, July 22

OTHER DAYS OF NOTE IN THE MONTH OF JULY

July 1, First postage stamp issued in 1847, IRS established in 1862; **July 2**, UFO Day; **July 3**, National Eat Your Beans Day; **July 4**, **INDEPENDENCE DAY**, Hotmail email service began in 1994; **July 5**, National Bikini Day, Jeff Bezos starts **amazon.com** in 1994; **July 6**, National Fried Chicken Day, First Baseball allstar game played in 1933; **July 7**, National Macaroni and Cheese Day, Sliced Bread marketed by Chillicothe Baking Company in 1928; **July 8**, National Video Game Day; **July 9**, National Sugar Cookie Day, Dick Clark debuts American Bandstand in 1956; **July 10**, National Kitten Day; **July 11**, National Blueberry Muffin Day; **July 12**, 16th Amendment (federal income tax) passed in 1909, National Paper Bag Day, First Minimum wage (\$0.33/hr) passed in 1933; **July 13**, National French Fries Day, Marconi patents the radio in 1898; **July 14**, Bastille Day, National Tape Measure Day, National Nude Day; **July 15**, National Tapioca Pudding Day, Margarine patented in 1858; **July 16**, National Corn Fritters Day, "Catcher in the Rye" published in 1951; **July 17**, World EMOJI Day, Air Conditioner invented in 1902; **July 18**, National Ice Cream Day, National Caviar Day; **July 19**, National Daiquiri Day; **July 20**, National Ice Cream Soda Day, National Fortune Cookie Day; **July 21**, U.S.S. Constitution (Old Ironsides) sails for the first time in 116 years in 1997, National Junk Food Day; **July 22**, National Hammock Day; **July 23**, Ice Cream Cone invented in 1904, Gorgeous Grandma Day; **July 24**, National Tequila Day; **July 25**, National Chili Dog Day, Carousel patented in 1871; **July 26**, Ben Franklin becomes first Postmaster General of the U.S.; **July 27**, National Scotch Day, U.S. Mint in Charlotte, NC opens in 1837, U.S. Mint in Charlotte, NC destroyed by fire in 1844, Bugs Bunny debuts 1940; **July 28**, National Milk Chocolate Day, NASA created in 1958; **July 29**, National Lasagna Day, Mickey Mouse debuts in 1928; **July 30**, National Cheesecake Day; **July 31**, National Watermelon Day, National Avocado Day, National Raspberry Cake Day

HAVE A HAPPY 4TH OF JULY
ENJOY THE DOG DAYS OF SUMMER
(JULY 3 THROUGH AUGUST 11)

The next membership meeting of KMGS will be at the Pewaukee Public Library
on Wednesday, July 21st 2021 at 6:30PM

JULY/AUGUST EVENTS

16-17: MINOCQUA, WI Lakeland Gem & Mineral Club Rock Swap. Fri 10-6; Sat 9-5. Lakeland Union High School, 9573 Hwy 20, Minorqua. Contact: Ron Zimmer; (715) 614-1080

21: STEVENS POINT, WI Heart of Wisconsin Gem & Mineral Society Rock Swap. 10-5. Parking lot next to Dunham Sports, 5601 US-10E, Stevens Point. Contact: Sandy Brandl, (715) 326-1609

28: MT PLEASANT, WI Racine Geological Society Rock Swap. 10-5. Bartlett Youth Foundation, 1120 N Stuart Rd., Mt. Pleasant. Contact: John Lowman, (262) 989-9193

WHAT'S HAPPENING AT KMGS

Cabochon Display Update

The Cabochon display progressing well, with Tim Perrin reporting that only a few pieces need identification. Research continues on that project while the search for small rough pieces for those pieces that have been ID'd goes on. Rough specimens need to be about 1"X1". If you think you have anything useable for the display, please let us know.

Contact Tim Perrin at timp@netwurx.net if you can help with the rough or ID'ing the last 6 pieces.

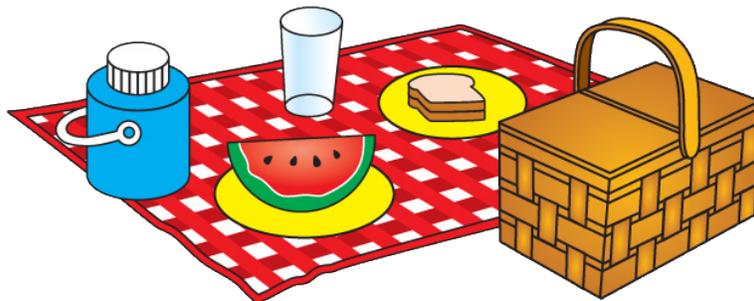
THE KMGS ANNUAL PICNIC IS ON

Saturday, July 31, 2021, at NOON.

Janet Schmitt has reserved the shelter near the bathrooms at NIXON PARK in Hartland, WI on that date for the annual KMGS annual picnic. We will start at about NOON and go until we are all partied out.

Bring your latest finds, stories and maybe some entertainment for a few hours of fun in the park. Maybe swap a few rocks with other members.

Bring your own entrees (burghers, sausage, hot dogs). There will be a hot grill available. You are also encouraged to bring a dish to pass, (salads, veggies, fruit, Etc.).



THE LAST WORD

Welcome to the “dog days of summer”. Why call this period the “dog days”? In ancient times people noticed that the star Sirius (the brightest star in the night sky) rose in the sky at the same time as the sun. They also noticed that the hottest days of the year began at about the same time. As Sirius was part of the constellation “Canis Major” (big dog), it was known as the dog star. Hence, the period that Sirius rose with the sun were called the “dog days” and are associated with heat and sudden thunder storms. In early Roman time this period started in late July and ran through August, but because of the Earth’s wobble, this year it start on July 3rd and ends on August 11. Had this correlation between the stars and summer been noted in a different time period (such as when the star Cygnus rose with the sun) we might be in the “swan days of summer”.

I bring this up to remind you that when rockhounding during this time, bring plenty of water with you, stay hydrated and watch the weather. It’s easy to get caught up in the hunt and not notice that you are dehydrating or that the skies are looking ominous. In other words, stay safe out there, or maybe look for specimens in an air conditioned rock shop during the “dog days”.

Thought for the month

Learn all the rules well. That way you will know the best way to get around them.

Happy rockhounding!!!

The next meeting of KMGS will be held on Wednesday July 21, 2021 at the Pewaukee Public Library. Start time is 6:30PM. See you there.

Please send all comments, submissions and ideas for articles to me at tilecki@gmail.com.

Tony Ilecki
Editor



AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES CODE OF ETHICS FOR ROCK COLLECTING

I will respect both public and private property and will do no collecting on privately owed land without permission from the owner.

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 the property on which I plan to collect.

I will use no firearms or blasting materials in collecting areas.

I will cause no willful damage to property of any kind such as fences, signs, buildings, etc.

I will leave all gates as found.

I will build fires only in designated or safe places 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 that may be dangerous to livestock.

I will not contaminate wells, creeks, or other water supplies.

I will cause no willful damage to collecting material and will take home only what I can reasonably use.

I will practice conservation and undertake to use fully and well the materials I have collected and will recycle my surplus for the pleasure and benefit of others.

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.