



THE KETTLE KRIER

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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.

PRESIDENTS MESSAGE

It was unfortunate that the April meeting was cancelled due to inclement weather (snow and ice). I made the decision to cancel after talking to many members and we all made an effort to contact the group and inform them. I hope we reach everyone. See you all at the May meeting.

To paraphrase the Walrus; The time has come to speak of many things. Of rocks and fossils and field trips and other things that the warmer weather brings. Hopefully, we can come up with some places to go as a group that will interest our members and maybe even give an opportunity to add to our specimen collections. So put on your thinking caps and help come up with some ideas of how we can spend our summer months.

AND A HAPPY BIRTHDAY TO THESE MEMBERS BORN IN THIS MONTH

Marlene Ilecki - May 2, John Rettler - May 6, Donna Gence - May 18

Our next meeting is on May 16 , 2018 at 6:30PM at the Pewaukee Public Library

April 18, 2018 KMGS Monthly Meeting

NO MEETING HELD DUE TO WEATHER

Next meeting will be on May 16, 2018 at the Pewaukee Public Library

BERNICE McCLOSKEY - AFMS HONOREE

Bernice McCloskey, has been chosen as the Midwest Federation of Mineralogical and Geological Societies (MWF) Scholarship Award Honoree. As such, Bernice will be selecting two recipients of a \$4,000 scholarship grant from the American Federation of Mineralogical Societies. These scholarships will go to students who are majoring in one of the earth sciences. Bernice has chosen the University of Wisconsin-Milwaukee to be the institution of choice for the grants.

Bernice is a charter member of the Kettle Moraine Geological Society (**KMGS**), and is also an active member of the Wisconsin Geological Society (**WGS**). She has also served as an officer of the **MWF**, including a stint as president. Congratulation Bernice on the honor that you surely deserve.

*Information for this article was taken from **THE TRILOBITE***

How I Got Started

This month's "How I Got Started" comes from Mary Nettesheim, a long time member of KMGS.

I have always been interested in what was under my feet. It goes back to when we lived on my Grandpa's farm outside of Sussex. He was always looking for arrowheads while he worked the fields and I spent many hours on the fender of his little Ford tractor with him.

Fast forward to the mid 70's. My brother Jeff and I would go to the KMGS shows. The one I remember best had the moon rocks on display. We both bought whatever tickled our fancy. We got it home, unwrapped it, and tossed the labels, because, of course, I was going to remember what it was. HA! It took a while to catch on that you don't remember forever. I always smile when I get one of those pieces out for a display.

Continued on next page.

I joined KMGS in the fall of 1984. My first field trip was that fall with Janet Schmitt and Ruby Kazmachek to hunt copper in upper Michigan. We went to Mass City and stayed in a little, old motel that Janet had stayed in before. It had one chair with no springs in it and a lovely little bathroom. It was a great three days. We met up with the Hanson's and some other members, who showed me how to use a metal detector and spot copper in the rock. They guided us to several closed mine sites and we dug on the tailings pile. Even the sides of the back roads yielded copper and I found a miner's chip. We made good use of our egg cartons, and some of my finds are still in them. In the early 1980's I did 3 road trips with Janet Schmitt to Cave-In-Rock, Illinois, but those trips are for a future article.

My first show was in 1985 at Catholic Memorial and I spent it in a wheelchair with my leg in a hip to toe cast. Broke my leg in two places on my 30th birthday (Don't ask.)

I really liked mineral specimens and at first I thought I would collect Wulfenite and Tourmaline. Unfortunately they were out of my price range. Then I started looking at Fluorite and Calcite. They fit my budget a lot better.

My petrified wood fever came a little later, and I caught that illness from an old KMGS member, Ben Schott. He was the expert on wood and did a great job cutting and polishing it. My pieces from him are prized possessions. I had better stop now before this goes from a short story to a novel.

HAPPY ROCKING
Mary Nettesheim

UPCOMING EVENTS

MAY 5-6: MARSHFIELD, WI: Heart of Wisconsin Gem & Mineral Society Annual Show. Sat 10 am - 5 pm; Sun 10 am - 4 pm. Marshfield High School Fieldhouse, 1401 E. Becker Rd., Marshfield. Contact: Cynthia Kelman, 1403 N. Broadway, Marshfield (715) 387-8782; kelman@tznet.com

MAY 19-20: WAUWATOSA, WI Wisconsin Geological Society Annual Show. 10 am - 5 pm both days. Hart Park-Muellner Building, 7300 Chestnut St., Wauwatosa Contact: Paul Schmidt; (414) 771-8668; pvs@wi.rr.com

MAY 26-27: ST. CHARLES, IL Chicagoland Gems & Minerals Association Annual Show. Sat 10 am - 6 pm; Sun 10 am - 5 pm. Kane County Fairgrounds, 525 S. Randall Rd., St. Charles. Contact: Marge Dobrofsky, 6148 Elm St., Morton Grove 60053; (847) 334-4482; adams9104@sbcglobal.net

ROCK OF THE MONTH



MOOKAITE JASPER

(OR MOOKITE, MOOKALITE, MOOKERITE, MOAKITE, MOUKALITE and maybe MOUKAITE)

These are the unofficial names of the rock pictured above, named after Mooka Creek which is located in the Kennedy Range of Western Australia. Mookaite, also known as radiolarite, is a siliceous, comparatively hard, fine-grained, chert-like, and homogeneous sedimentary rock that is composed predominantly of the microscopic remains of radiolarians, a small (0.1mm to 0.2mm dai.) protozoa that produced skeletons of opaline silica. The colors of the rock are thought to come from minerals and organic matter in the water during sedimentation.

Because of its comparative hardness, this rock has been used as cutting tools, axes and drills. Also, due to the banding and many colors, which include red, purple, tan, white, ivory, pink, gold, black and yellow, this rock has been a popular one to use for jewelry and decorative purposes.

Thanks to Wikipedia and mindat.org for information found in this article.



Mookaite Slab



Mookaite Cab



Finished Piece

THE LAST WORD

I wish a happy Mother's Day to all the moms out there. May you receive the rock specimen of your dreams from your kids or significant others.

Hey the snow has finally melted and the ground isn't frozen any more. Time to get out in the sun and hike around your favorite rock gathering place. Drop me a line on what you find and where so I can put it in the Krier.

And now for something completely different.

As an avid ferroequinologist (that's train (iron horse) buff for the uninitiated) as well as a rockhound, I was happy to learn of an event which combined the two avocations. The Cumbres and Toltec Scenic Railroad in Antonito, CO is having a geology train trip between Antonito and Chama, NM on July 17 of this year. It is being led by Peter Lipman of the U.S. Geological Survey and will give a chance to detrain at some of the cuts and other geological interesting points on the 64 mile route. So with great anticipation and my credit card in hand, I went to the web site ready to drop whatever it took for seat. Alas, I was too late, the trip was sold out. Hopefully this trip will be enough of a success that it will return next year and I will be early enough to get a seat. Meanwhile, if any of you readers have gotten a seat on this train, please take notes and contact me for an interview when you return.

And finally, a thought for the month: **Always speak clearly when explaining "mica schist".**

Happy rockhounding!!!

Tony Ilecki
Editor