



THE KETTLE KRIER



Official Publication of **Kettle Moraine Geological Society**

Visit our web site at www.kmgsrocks.com

2020 OFFICERS AND COMMITTEES

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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 usually held at the Pewaukee Public Library on the third Wednesday of each month at 6:30 PM, but due to present circumstances, check for places and dates. 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.

Hello fellow rockers,

Hope you are all staying healthy. If you have been reading the show reports from John you know we are still moving ahead with plans for our show in March 2021. I am going to try and give you all a push towards putting together a display for the show. Now you can not say you don't have time because we all know that there is not a whole lot that we can do. So what a great time to make use of all that empty time and put together a killer table. Even if it's a half table, that would be fantastic. Remember, if you like what you collect, so will other people.

Now I can just hear you saying "But Mary, maybe the show won't happen because of COVID-19 ". Well my second thought is what a great program it would make if each month 3-4 members bring a card table size display to the meetings for our program. Than you could share your love of the hobby with the club and you would only have to talk for 5-10 minutes and just let people see what you like. This could give us at least 3-4 months of programs. WOW! I bet Carol Ward, our program chair would be thrilled.

So what do you say, let s get working on those displays.

Mary

NOTICE OF NOVEMBER MEETING

The November meeting of KMGS will be held at 10:00AM on Saturday, November 14, 2020 at the Clark House Museum, 206 E Wisconsin Ave - Pewaukee, WI 53072, located one block north of the Pewaukee Library. **Face masks are required and "social distancing" will be observed as well as possible.** Parking will be on Wisconsin Ave or Prospect Ave or at the library parking lot. We will be meeting here until the library opens their meeting rooms. We will finalize candidates for offices at this meeting before mailing out ballots for the election, so be prepared to nominate someone, yourself included, that you feel will be a good candidate for the offices of President, Vice-president, Treasurer, Secretary and At Large Board member.

Our program for November be a talk about the care and cleaning of opals by Tim Perrin.

ELECTION UPDATE (PLEASE READ)

Due to present circumstances, our elections will have a different flavor this year. As usual, the positions up for grabs are President, Vice-President, Secretary, Treasurer, and one Board Member. Our nominating committee head is Mary Rettler and she will be accepting nominations for officer positions up until the 10th of November. You can nominate yourself or anyone you feel will be good for the position.

At this time, John Rettler has told us he would continue as Secretary if elected, Tony Ilecki has agreed to run for another term as treasurer, Debbi Elftman has agreed to accept the Vice-President position if elected, and Tim Perrin agreed to be the Board Member at large.

This leaves the position of President with no nominations at this time. Please let us know if you, or anyone you know, would consider running for the office of President.

Nominations will be accepted by Mary Rettler by phone at **(262) 617-3446**, or by email at johnrettler@gmail.com until November 10th, 2020.

ELECTION PROCEDURE FOR 2020

This year's elections will be held by mail. Nominations must be received by November 10th (See nomination procedure above). Ballots will be mailed to members on Nov. 16th, 2020 with a pre-addressed stamped envelope for return. Mailed ballots must be received by December 9th, 2020, or you can bring them to the December 12th, 2020 meeting. Results will be announced at the December meeting. If there are any questions, call any of the officers.

October 17th, 2020 - KMGS Monthly Meeting

As a result of the Covid-19 Corona Virus Disruption, and the unavailability of the Pewaukee Library for the meeting room, The KMGS Board of Directors has temporarily moved the monthly meetings to 10:00 am Saturday mornings until further notice.

- (1) Meeting Called to Order by President Mary Nettesheim at 1:12 am.
- (2) The Pledge of Allegiance was recited the 11 members in attendance.
- (3) The President noted that in compliance of the KMGS Bi-Laws - the Officers and Board of Directors have been meeting to carry on the business of maintaining the integrity of the club.
- (4) ***Secretary Report:*** Due to the length of time between the last meeting and now, and that little business has been conducted, by unanimous consent the Reading of last month's meeting was waived.
- (5) The ***Treasurer's Report*** was read by Treasurer Tony Ilecki. Due to the transferring of authority from the previous and current Treasurer, an error from a wrong deposit slip, a misappropriation of funding to the Amazon Smile Account, would be corrected and the correct amount to be divided between the Education Fund, and the money Market account. The Board of Directors has approved the adjustment. Motion To accept as read by Gail Perrin. Second to motion by Mary Rettler. Motion carried.
- (6) ***Sunshine Committee*** report was presented by Marlene Ilecki, who read off the Birthdays for the Month. Get well wished are extended to Dave and Debbie Elftman who remains hospitalized from COVID.
- (7) President Mary Nettesheim noted that the ***"Field Trip Coordinator"*** position was open, and we briefly discussed the Kenosha museum as a potential option once Club members can travel again.
- (8) ***Tech Committee Report.*** There was no Tech Report as the position is open and we are looking for someone to fill and take on the role, as communication with potential applicant Sadie Beecham is pending.
- (9) ***Program Committee Report:*** Following the meeting - John Rettler will introduce the "School-2-U" Program. Tim Perrin will present a program on Opals at the November Meeting.
- (10) John Rettler wanted the record to reflect that with 2020 being a year fraught with changes and unexpected adjustments for the club, Credit is due to Tony Ilecki, Debbie Elftman, and Tim Perrin who stepped up to fill the void, and Mary Nettesheim for taking the reins of Leadership when called upon.

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(11) **Show Committee Report:** John Rettler reported that the 2021 show planning was underway, with over 50% of the vendors and revenues in place. The “Early Bird Special” for discounted tables was extended to the end of this year, and all other plans will become available as they develop, and the entire situation will remain fluid until we are closer to show dates.

(12) There was no **Education Committee Report:** As there have not been any “educational Events due to the COVID-19 “Shut-Down”.

(13) No **Old Business** was brought up for discussion.

(New Business)

(14) According to the KMGS By-Laws - The November Meeting will hold elections for Offices for 2021.

(15) Due to the timing and low meeting attendance, Three Officers have agreed to return, unless someone wishes to fill the positions. John Rettler-Secretary & Show Chairman, Tony Ilecki as Treasurer, and Tim Perrin as Board Member / Trustee at Large, will appear as nominated for continued service. The position of President and Vice president are open.

(16) Due to low member turnout due to COVID – Tony Ilecki will be emailing out an alternate process for nominations for elections and will post the process in the Kettle Krier.

(17) Mary Rettler will accept phone call nominations from those responding. If you wish to nominate someone for an Officer position – call Mary at 262-617-3446 and leave a message.

(18) Motion by John Rettler that The KMGS will fund the printing and postage for Absentee Ballots. For the elections to be held at the November meeting. Second to motion by Marlene Ilecki. Motion carried.

(Announcements)

(19) President Mary Nettesheim announced that the Board of Directors was exploring the possibility for utilizing the ZOOM Video Conferencing System for Board Meetings for ease of meeting without travel and the limited access for indoor meeting. More on this as it becomes available.

(20) Due to the Library being closed – The KMGS will continue to meet on Saturdays at 10:00 am until the Library reopens for meetings.

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- (21) Scheduled meetings as of now are: November 14th & December 12th.
- (22) If and when we return to the Library for meetings – Masks and Social Distancing may be required.
- (23) No “Goodie Detail” until further notice – due to potential for cross infection between members.
- (24) John & Mary Rettler has also tentatively secured a Location in his office building in Germantown, where the inventory from The Ed Fryns Estate and late club member Milt Wilson was moved for sorting. About 20% of the volume has been sorted and priced for the club to purchase or take. Details will follow – watch the Kettle Krier and your e-mails for more details as they are available.
- (25) Janet Schmitt brought to the club’s attention that the Worlds Largest Specimen of Coprolite (25 Pounds of Petrified Dinosaur Poop) from South Dakota – is available for display at the show for \$750 for shipping, handling, and insurance. Its booked until 2023, so perhaps in the future. (?)
- (26) Member annual dues are due.
- (27) Because of the COVID, many of our new members were unable to even attend meetings or garner the benefits of the KMGS. A discussion took place regarding annual dues costs as a result.
- (28) Motion to Waive the annual dues for members who joined at the show or after December of 2020 by Marlene Ilecki. Second by Gail Perrin. Motion Carried. Its to be known as the KMGS COVID Stimulus Package
- (29) Motion to adjourn by Marlene Ilecki. Second by Joe Fischer. Motion Carried.

John M Rettler - Secretary

JUST A REMINDER

Tuesday, November 3, 2020 is election day. If you have not voted early, please don't forget to vote!

**DON'T FORGET TO VOTE ON
TUESDAY NOVEMBER 3**

This month we continue the saga of John Rettler's "My Relationship With Rocks" with part 4

My Relationship With Rocks. By John M. Rettler

Part 4 of 6. The Science

Inspired by the enormity of science and history of the related fields, geology became a topic of interest for me. Surrounded by nature and the environment by both career and life itself, there was an endless natural classroom to study, and a plethora of questions being posed which expanded my horizons into archeology, anthropology and even some subjects biblical in nature as well.

Questions which could never be answered as the answered lie on history long before man inhabited the earth, and as deep as the universe itself. Still. I had questions which I wanted answers to.

How were rocks formed? The effects of volcanic activity, magma excretions, geological actions amid the scouring of the earth's surface we all topics of interest.

How was the glaciated aftermath of the at least seven ice ages, different from the prior earthscape, from which we see as the earthen landscape today?

The timelines and effects of tectonic plate movement, the resulting earthquakes and the ever-changing continental drift we have founded our existence on, which are still occurring, offered a mesmerizing view into the enormity of natural science and shuddering realization of the minimalization of our own existence we enjoy.

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How our thin layer of atmosphere not only provides a life sustaining composition for us to live under; the weather, the fragility of our planet and our existence; while acting as an unbeknown shield to ward off or incinerate incoming cosmic debris.

Why our moon, in contrast to our beautiful colored earthscape, is the desolate meteor pocked barren moonscape we know it to be. As without similar gravitational forces, and a molten core, or tectonic plate movements, and an atmosphere to incinerate or divert meteors, it remains void of life, and shows what the earth would be if not for the geological and astrological characteristics we enjoy and take for granted.

The mysteries are endless, and the study of these marvels is as in trudging and thought provoking as any of man's inquisitions to the life we live.

Was the great flood a biblical milestone as many see it, or one of many which routinely purged the planet to erase one eon to usher in another?

The earth being a tiny speck in a massive mosaic of our solar system, which itself is a spark in the smattering of the lights of the Milky Way Constellation. What lies beyond our bounds as our entire galaxy is a mere flicker in the vast endless expanse of the universe?

We as the human inhabitants of this small green planet are here for a truly short time. Genesis says, we will not live beyond 120 years. This based upon the pre-Gregorian Calendar, but inexplicably absent the measure of time being correlated with the varying speed of the revolutions of the planet, which we as humans base our measurement of time upon.

But time exists well beyond the comprehension of man, and regardless if based upon measures of biblical views, astrological theory or physics principals, all are far beyond the scope of man, and studying the science of related subjects is a lifetime passion I not only enjoyed as a hobby but embraced as a part of my life.

(Ed. Stay tuned for part 5 in the December Krier)

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 Aviation History Month and International Drum Month

THIS MONTH'S BIRTHDAY CELEBRATIONS

Nov 1, Mia Harbort; **Nov 3**, Ed Sanford; **Nov 12**, Linda Brothen; **Nov 16**, Tim Perrin; **Nov 25**, Jeanne Lyons

OTHER DAYS OF NOTE IN NOVEMBER

Nov 1, Daylight Saving Time Ends at 2:00AM, The bra was patented in 1914: **Nov 2**, Deviled Egg Day; **Nov 3**, **GENERAL ELECTION DAY VOTE!!**; **Nov 5**, National Doughnut Day; **NOV 6**, Saxophone Day; **Nov 10**, US Marine Corps formed at Tun Tavern in Philadelphia (1775), Edmund Fitzgerald sinks in Lake Superior (1975); **Nov 11**, National Sundae Day; **Nov 13**, Sadie Hawkins Day; **Nov 15**, Continental Congress approves the Articles of Confederation in 1777; National Clean Your Refrigerator Day; **Nov 16**, National Fast Food Day; **Nov 17**, Take a Hike Day, E-card Day; **Nov 18**, Mickey Mouse premieres in "Steam Boat Willie", 1928; **Nov 19**, President Lincoln gives the Gettysburg Address in 1863; **Nov 20**, Absurdity Day, Ford stops production of the Edsel in 1959; **Nov 22**, President John Kennedy assassinated in 1963; **NOV 23**, National Espresso Day; **Nov 24**, Darwin publishes "On the Origin of a Species" in 1859; **Nov 25**, National Parfait Day; **Nov 26**, **THANKSGIVING DAY**; **Nov 27**, You're Welcoming Day, Black Friday, Grand Ole Opry debuts on radio in 1925; **Nov 28**, French Toast Day; **Nov 30**, Official end of the "Revolutionary War, treaty signed in 1782, Sam Clemens "Mark Twain" born in 1835, National Mason Jar Day

NEWS OF OUR MEMBERS

Sadly, COVID19 has affected our Vice-President Debbie Elftman and her husband Dave. As of this this writing, Debbie is home from the hospital and recovering from the virus and Dave is still hospitalized but slowly recovering. We wish them a fast return to 100% health. KMGS passed a card around for signing at the October meeting and sent it to the Elftmans.

Joe Woger will be using some of the fossils found in Milt Wilsons collection as educational tools for his students during his classes study of dinosaurs. I can't think of a better way to utilize these specimens.

HAPPY THANKSGIVING

THE LAST WORD

Turning back the clocks on November 1st to get back to Central Standard Time from Daylight Saving Time brought to mind the thought about how the time zones actually came about. Prior to "time zones" each community kept its time by the sun. This reeked havoc with railroad schedules because with only a single track between stations it was difficult, if not impossible, to determine if the track was clear. This led to many "meets" in the middle and more than a few collisions. A railroad engineer in Canada proposed a system of time zones, each 15 degrees of longitude apart and each one hour apart. In 1883, North American railroads adopted this system which greatly increased the efficiency of railroad travel. This system was formally introduced to the world at the 1884 International Meridian Conference, and "standard time" was born. So we can thank the railroads for the time system we have today.

A little note from pre standard time: The timekeeper of the Birmingham, England Institute made regular astronomical observations from the institute's roof and adjusted its clock; every Sunday morning the clock keepers of Birmingham's churches looked at the institute clock and adjusted their steeple clocks. The timekeeper favored the arrangement of common time with Greenwich but wondered how to get Birmingham to accept it without riling half the population. He decided to make the seven-minute adjustment early one Sunday morning. The next day when people arrived at work, late according to clocks in businesses and factories, there was much cursing of timepieces and watch repair shops did a booming business. No one knew time had been manipulated. Osler kept his secret for many years.

Thought for the month

**Everyone thought it was a gneiss rock, but I just took it for granite.
Happy rockhounding!!!**

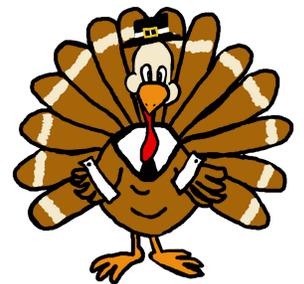
See you all at the Pewaukee Public Library, one of these months

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

Tony Ilecki
Editor



**HAVE A HAPPY
NOVEMBER,
THANKSGIVING,**



**STAY HEALTHY AND SAFE
MAY THE RAKING OF LEAVES BEGIN**

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.