



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 February meeting of KMGS will be held at the Pewaukee Public Library on Wednesday, February 21, 2024 at 6:30 PM.

The program for the February meeting will be Janet Schmitt presenting a slide show of her last two travels to Lyme Regis in England and to the Jurassic Coast. It should fit in well with the PBS program on the Jurassic Sea Monster airing on Wednesday Feb 14, 2024.

Refreshments for the meeting will be provided by Winnie Mading and Lynn Cooksey.

Hope you can make it.

January 17th 2024, KMGS Meeting Minutes

- (1) Meeting ***Called to Order*** by Vice President Ashley Adaire 6:40 pm.
- (2) The ***Pledge of Allegiance*** was recited by the 27 members in attendance.
- (3) ***The Program***: The Meeting Program was presented by Robert Graziano of the UWM Thomas A. Greene Museum in Lapham Hall, which will be hosting Darin Days in February. He presented a wonderful and informative introduction to what the UWM and the Greene Museum has to offer.
- (4) ***Business Meeting***: After a lunch with snacks provided by Winnie madding & Ori Anna Ramsey, the Business Meeting reconvened and the was called to order at 7:38 pm.
- (5) ***No New Members or guests were present.***
- (6) ***Meeting Minutes***: The Reading of the Minutes was dispensed with as they are printed in the Kettle Krier.
- (7) ***Treasurers Report***: The report was read by Treasurer Don Shervey. It was noted that because the MWF Dues are based upon membership totals, we are higher than in previous years. (2022 – 47 adults and 2 Juniors, and 2023 - 99 adults and 42 Juniors). Motion To Accept as read by Debbie Elfman. Seconded by Gail Perrin. Motion Carried.
- (8) ***Tech Committee***: None provided.
- (9) ***Education Committee Report***: Mike Andrysczyk was not in attendance due to inclimate weather and his continued recovery. But Ori-Anna Ramsey combined the JRH (Junior Rockhounds) and Education into a single report.
- (10) ***Jr, Rockhound (JRH) Committee Report***: Ori Anna Ramsey reported that the last JRH meeting was cancelled due to the major blizzard which stopped any travel.
- (11) In February, the JRH will be touring the Gem Shop in Cedarburg, on Saturday the 10th at 10:30 am. While the primary focus will be for the students, Adults are welcome.
- (12) Ori noted that she is encouraging, circulating, and soliciting participants to display their collections or demonstrations at the 2024 Show in March. The Student Display is a huge attraction, and we as an organization, and also encourage all new members and Junior members to participate and display.
- (13) Ori is planning a lapidary Class for April, and details will emerge as they unfold.

Continued on next page

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(14) Program Committee Report: While in March the Program will revolve around the results in the aftermath of the show. Janet Schmitt also has a plethora of videos and slides from her excursions to England. Which are also featured on an upcoming PBS “Nature” event with David Attenborough at 7:00pm on the 14th of February.

(15) Sunshine Committee Report: Birthdays for the month are posted in the Kettle Krier.

(16) Show Committee Report: John Rettler stated he has been in contact with the Washington County Fair Park to be sure we are up to date, and that we have the facility through 2028. And are ready for 2024. The Show Committee met earlier in the week, and the final touches are being implemented.

(Old Business)

(17) The negotiated deal with Matt Bultman one of our Suppliers and Show vendor and will be assembling some new Specimen Packs for the youth members. More to come as materials arrive.

(18) DUES ARE DUE! Get your dues paid to the Treasures ASAP!

(New Business)

(19) A vigorous discussion took place as to the expansion of the Goodie detail, as to whether it should consist of snacks or a lunch. A hand vote was taken, and it was reaffirmed that it should be snacks, but members are free to do as they choose. But Meals should not always be expected.

Announcements:

(20) The KMGS Will have a display at the Darwin days on February 14th at the Thomas A. Greene Museum at Lapham Hall at UWM.

(21) The “Goodie Detail” Sign-up for 2024 was circulated and will be posted in the Kettle Krier for others to join. Winnie Madding and Lynn Cooksey volunteered for the February meeting.

(22) Door Prizes were donated by John & Mary Rettler and Ashley Adaire.

(24) A Motion to adjourn was made by Tony Ilecki. Seconded by Monica Daley. Motion Carried at 8:45 pm.

John M Rettler – Secretary

KMGS Pewaukee Library Display Case

KMGS has a display case in the lobby of the Pewaukee Public Library. As you can see by the picture there is a display of geological books and a few specimens along with information about KMGS. This is meant to be a rotating display, so if any club members have ideas about what else can be put on display to help publicize KMGS, contact Richard Rosenberger by email at: rwr6491@gmail.com.



A Must Watch TV Program for KMGS Members

PBS Nature, airing on Wednesday, February 14 at 7 pm. Chl. 10 (WMVS)

Attenborough and the Jurassic Sea Monster

This details the dangerous excavation of a giant pliosaur from the cliffs along the Jurassic Coast of England. The discovery of this 150 million year old fossilized skull is quite remarkable.... AND there are 2 connections to KMGS!

- 1) Mary Nettesheim is related to Andre Rowe, a paleontologist seen in a discussion with Attenborough.
- 2) This discovery was in the part of England where Janet Schmitt has gone to hunt fossils 4 times since 2019. She has met the paleontologists who recovered this pliosaur.

Mark it on your TV calendar!





JR ROCKHOUNDS

SPREADING THE LOVE OF ROCKS!

Kettle Moraine Geological Society introduces the KMGS Jr. Rockhounds Club! We're bringing our junior rock lovers together and gearing up for some *rock-tacular* fun!

As a Jr. Rockhounds Club Member you can:

- Enjoy free monthly meetings, presentations, activities and field trips
- Participate in the Rock Pals exchange
- Earn badges, scholarships and awards
- Display at the annual KMGS Rock and Gem show
- Meet fellow rock and gem lovers of all ages

Check us out at our next meeting!

The Gem Shop Tour
 Saturday, February 10th • 10:30am - 11:30am
 The Gem Shop
 W64N723 Washington Ave. • Cedarburg, WI 53012

Register at kmgssjrrock.weebly.com/events or email kmgssjrrockhounds@gmail.com

kmgssjrrock.weebly.com

KMGS Jr. Rockhounds Gearing Up for Showtime!

Student Display Contest

Our annual KMGS Rock and Gem show is fast approaching! We'd love to see all our Jr. Rockhounds and their friends participate in the Student Display Contest this year. All you have to do is create a tri-fold table display about anything earth science related. Be creative and let your imagination go wild! You will receive \$5 in Show Bucks just for participating. Awards for best display will be presented in two grade categories, elementary and middle/highschool. Don't miss out on this fun opportunity to share your knowledge with others and get some show cash too! See the Student Display Contest ad in this issue for more information.

Calling all adult and youth volunteers!

If you want to earn community service hours this is a great way to do it! The club will be busy setting up tables and club displays on Friday, March 8th. On Saturday and Sunday volunteers are needed to work the registration tables and help operate the ever-popular sifter in the kids zone (this is my child's most favorite thing to do!). We welcome volunteers of all ages! Please contact me at the email below if you'd like to sign up!

Tour of the Gem Shop - Saturday February 10th

Our January program about fluorescence unfortunately was canceled due to inclement weather. We plan to host this program in the fall, so watch for more info as the summer field trip season comes to a close.

We're looking forward to our February program which will be a tour of the Gem Shop in historic Cedarburg. Participants will learn about the ins and outs of running a retail store. They will also get to see all the cool lapidary equipment they use to make some of the fine pieces they sell. Some of this information will be required to earn your AFMS Lapidary Badge so you won't want to miss it! Then we will have the opportunity to peruse their collection of rough and finished rock. The basement is chock-full of rough rocks and minerals from all over the world! Each KMGS youth member participant will receive a \$5 voucher to spend in the store.

To register for the Gem Shop Tour and other future Jr. Rockhounds events, please visit the events tab on our website at kmgssjrrock.weebly.com/events.

Cheers! ~ Ori-Anna Ramsey, KMGS Jr. Rockhounds Club Administrator
www.kmgssjrrock.weebly.com • kmgssjrrockhounds@gmail.com

From The KMGS Show Chairman

John Rettler email: johnrettler@gmail.com

This is a ***SPECIAL INVITATION*** to New KMGS Members, Long-time Members, and all Junior Rockhounds!

The KMGS 2024 Annual Show planning is well underway and we're looking forward to not only a terrific Show, but also continuing our history of hosting the exchange between the public and our club.

To those of you who have never displayed before, we are inviting you all from the newest and youngest members to join the veterans bring forth your own collections, even your simple beginnings to a career in geology and rock hounding.

Put what you have on display at the show. We WANT YOU to be more than just a cursory member to show up at meetings and field trips, we want you to be a part of the Show. We will accommodate you to have a suitable and appropriately sized table, even if it's a half a table and you share it with somebody else.

The KMGS is all about education and we want you to join us in educating the public by showing that even the newest and least experienced can still have a role in both education and the KMGS.

Let's get ready for a huge and prosperous show by having you bring your display to the show too. But we need to know if you're displaying at LEAST two weeks before the show, so let's hear from you!





JR ROCKHOUNDS

**SHOW YOUR
LOVE OF
ROCKS!**

Kettle Moraine Geological Society invites students of all ages to ***SHOW YOUR STUFF*** at the annual KMGS Rock and Gem show!

All participants receive Show Bucks to spend with any vendor at the show. Best in show in two categories wins Bonus Show Bucks!

Here's what you need to know:

- Participate as a team of two or individually.
- Create a visual presentation on a standard tri-fold display board.
- Presentations can be anything Earth Science related. Be creative!
- Awards for best in show will be given in two grade categories, elementary and middle/high school. (*Teams of two must divide the awards evenly*).

Register at kmgsjrrock.weebly.com/events by February 26th, 2024.

Displays must be set up at the Washington County Fairgrounds on March 8th, between 12pm and 4pm.

For KMGS Rock and Gem show hours and information visit www.kmgsrocks.com/show

Register at kmgsjrrock.weebly.com/events or email kmgsjrrockhounds@gmail.com

kmgsjrrock.weebly.com

The UWM Department of Geosciences presents

DARWIN DAY

at the

Thomas A.

**Greene
Geological
Museum**

In collaboration with the Department of Biological Sciences & Manfred Olson Planetarium

SATURDAY, February 17th, 2024

Lapham Hall 168

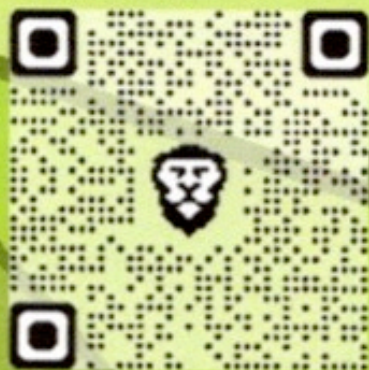
10 AM - 3 PM Open House

FREE Event | All ages welcome!

**Help us celebrate Charles Darwin's
215th birthday with a day of science fun!**

Fascinating fossils and glowing minerals | informative lectures
from UWM scientists | touchable specimens | taxidermied critters
from your own backyard | children's activities | real research from
UWM scientists | **FREE** planetarium show | event-wide scavenger
hunt (with prizes) | ...and much more!

for more details...



shelbur2@uwm.edu
graziano@uwm.edu



Thank you to our sponsors and community partners:

Mequon Nature Preserve | Milwaukee Public Museum | UWM School of
Freshwater Sciences | Wisconsin Geological Society | Kettle Moraine
Geological Society | Wisconsin Geological and Natural History Survey





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kmgsjrrock.weebly.com

WELCOME TO NATIONAL GRAPEFRUIT MONTH, NATIONAL HAIKU WRITING MONTH, LIBRARY LOVERS MONTH AND BLACK HISTORY MONTH **BIRTHDAYS IN FEBRUARY**

Feb 4, Rachel Raynor; Feb 14, Andrea Hanson; Feb 19, Mary Nettesheim;

Feb 20, Garrett Schumacher; Feb 21, Winnie Mading and Doug Liepins

OTHER DAYS OF NOTE IN THE MONTH OF FEBRUARY

Feb 1: National Baked Alaska Day, US Supreme Court meets for first time (1790); **Feb 2:** Groundhog Day, National Tater Tot Day, 1st 45RPM record released (1949); **Feb 3:** National Carrot Cake Day, Lowest temp. in North America recorded on Snag, Yukon -81.4 degrees (1947); **Feb 4:** National Thank a Mail Carrier Day, Facebook created (2004); **Feb 5:** National Shower with a Friend Day, 1st issue of "Reader's Digest" (1922); **Feb 6:** National Chopsticks Day, 1st doughnut machine sold (1926); **Feb 7:** National Periodic Table Day, "e" Day (Euler's number=2.718281828...); **Feb 8:** Read in the Bathtub Day, Universal Standard Time proposed (1879); **Feb 9:** National Bagel and Lox Day, U.S. Weather Bureau established (1870); **Feb 10:** All the News That's Fit to Print Day, IBM'S Deep Blue computer defeats Gary Kasparov in chess (1996); **Feb 11:** National Peppermint Patty Day, Steamboat patented (1809); **Feb 12:** National Plum Pudding Day, Darwin Day; **Feb 13:** National Crab Rangoon Day, A 500,000 year old rock found in CA appears to encase a spark plug; **Feb 14:** Valentine Day, Alexander Graham Bell applies for telephone patent (1876); **Feb 15:** National Gumdrops Day, Asteroid "2012 DA14" passes within 18,000 miles of earth, closest ever. (2013); **Feb 16:** Paczki Day, National Almond Day, 9-1-1 system goes into service (1968); **Feb 17:** National Cabbage Day, "Vanguard 2", 1st weather satellite, launched (1959); **Feb 18:** National Crab Stuffed Flounder Day, Crackerjack puts prize in box (1913); **Feb 19:** National Arabian Horse Day, Rescuers reach Donner party (1847); **Feb 20:** National Cherry Pie Day, USPS established (1792); **Feb 21:** National Sticky Bun Day, 1st telephone book issued (1878); **Feb 22:** George Washington's birthday, National Margarita Day, U.S. hockey team beats USSR (1980); **Feb 23:** National Banana Bread Day, "Tootsie Roll" introduced (1896); **Feb 24:** World Bartender Day, Steam shovel patented (1839); **Feb 25:** National Clam Chowder Day, Oregon levies first gasoline tax (1919); **Feb 26:** National Pistachio Day, Grand Canyon National Park established (1919), Grand Teton National Park established (1929); **Feb 27:** National Strawberry Day, Mardi Gras first celebrated in New Orleans, LA (1827); **Feb 28:** National Chocolate Souffle Day, Republican Party formed in Ripon, WI (1854) **Feb 29: NOT THIS YEAR!!**

Sunshine Committee Report

Marlene Ilecki, Committee Chair

Welcome to new member Colin Cooksey who was approved this month.

Janet Schmitt delivered the flyer, we signed at the meeting to charter member Bernice McCloskey along with the latest issue of the Kettle Krier. She enjoys hearing from club members. If you find the time, Bernice would love to hear from you. Either a visit or a card from time to time. Her address is Bernice McCloskey at Azura, 16040 Washington Drive, Brookfield, WI 53005.

In other news, Toni Schumacher is recovering very well from her fall and hopes to be driving again soon.

If you know of any club member who is under the weather or in need of cheering up, please let me know so that the club can send a card.

Marlene Ilecki at 414-430-5788 or ileckimar@gmail.com.



Charter member Bernice McCloskey at age 101

UPCOMING EVENTS

Feb 17, 2024: Darwin Day Put on by the UWM Dept. of Geosciences

Location: UWM Lapham Hall 168 Hours: 10:00AM - 3:00PM Free admission

March 9-10, 2024: KMGS Annual Rock, Mineral, Gem and Earth Science 62nd Annual Show

Washington County Fair Park and Convention Center, 3000 Hwy. PV, West Bend, WI

Hours: Saturday Mar 9, 10:00AM - 5:00PM Sunday Mar 10, 10:00AM - 4:00PM

Admission: \$4.00 Adults, Under 12 FREE, Scouts and 4H members in uniform FREE

Mar 16-17, 2024: Badger Lapidary and Geological Society 53rd Annual Show

Craig Center at Rock County Fairgrounds, 1301 Craig Ave., Janesville, WI

Hours: Saturday Mar 16, 9:00AM - 5:00PM, Sunday Mar 17, 9:00AM - 4:00PM

Admission: Free will donation at the door. FREE Parking



January Meeting Recap

The evening started off with presentation by Robert Graziano, Academic Program Manager at UWM, about what the geosciences program at UWM is all about and a slide show of some of the many field trips and studies offered by the university. It was a great insight into what the students in geosciences “endure” during their time at the school.while learning about their selected field of geoscience.

Robert also gave a short video tour of the Thomas A. Greene Museum located in Lapham Hall on the UWM campus. This museum contains many specimens of rocks, minerals and fossils, as those who attended a previous KMGS tour of the museum can attest.

Finally there was a preview of “Darwin Day”, which will be held on Saturday Feb. 17, 2024 at the Thomas A. Greene Geological museum. This event is free to the public, starts at 10:00AM and runs until 3:00PM. See the advertisement elsewhere in this issue. (Note: KMGS is scheduled to have an information table during the event.)

This was followed by refreshments, provided by Winnie madding & Ori Anna Ramsey, after which the the normal business meeting took place. See the minutes on pages 2 & 3 for details.

Door prizes for this month were donated by John and Mary Rettler and Ashley Adair

KMGS CLUB DUES REMINDER (IT'S NOT TOO LATE)

KMGS Club Member dues were due in December. Dues for 2024 will be the same as past years, \$10.00 for a Single membership, \$15.00 for a Family and an additional \$5.00 if you would like to receive a meeting reminder post card mailed to you. The dues can be paid by cash or check, with checks made out to “**KMGS**”. You can pay at a meeting or they can be mailed to the club's PO Box at: **KMGS, PO Box 621, Menomonee Falls, WI 53052-0621.**

Please note that new members who joined and paid 2023 dues after April 1st are carried over and do not have to pay dues again for 2024.

THE LAST WORD

The shortest month of the year has arrived. February has become the Rodney Dangerfield of the calendar. It gets no respect both for its shortness and because it is the middle of winter. The shortness of days can be blamed on the early Romans who made this the last month of the year on their calendar with variable days to align the calendar with the seasons. In 450BC it became the second month of the year. February was named after the Roman god Februum (the god of purification), and the month had a festival of purification which included sacrifices of goats and dogs to the gods. Early Saxons called the month "Solmonath", (cake month) and baked cakes to offer to their gods.

What does February have going for it other than the above history? Well, it has Groundhog Day, on which a furry rodent named Punxsutawney Phil predicts the weather. (Editor's note: Groundhog Day is based on German superstition, but since there are no groundhogs in Germany, they used the badger.) Valentines Day, which is the day for lover's. Two of our greatest presidents were born in February. Because it usually has 28 days, it is the only month that can have four seven day weeks. February is also the only month which can have NO full moon.

So let's give this diminutive month the respect it deserves.

Thought for the month
Strange things can come in small packages.
Happy rockhounding!!!

See you all at the Pewaukee Public Library, February 21, 2024 at 6:30PM

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

Tony Ilecki
Editor

HAPPY GROUNDHOG DAY
HAPPY VALENTINE'S DAY
HAPPY PRESIDENT'S DAY

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 owned land without permission from the owner.

Type to enter text

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.