

Geological Society of Minnesota Board Meeting Minutes for Aug 22, 2023 (Final date Sept 22, 2023)
By Stephen Willging – Secretary

Board members present

Roger Benepe
Kate Clover
Peter Hesse
Stephen Willging
Deborah Naffziger
Dave Kelso (late)
Patrick Pfundstein (late)
Dick Bottenberg (late)
John Westgaard (late)

Non-Board Members present

Alan Smith
Steve Erickson
Dave Wilhelm
Mary Helen Inskeep
Joe Wright
Randy Strobel

A quorum of board members was present at 7p on Aug 22, 2023. Roger Benepe called the meeting to order.

Topics:

1. GSM Website – Alan Smith

Alan reported he is now working full time on the GSM website update. He should be able to finish it soon but will be delayed by about a week due to a personal issue.

2. Treasurer's report – Dave Kelso

Dave's financial summary report can be found in Appendix A. In general, the organization's finances are in good shape. All bills have been paid and the check book balanced. The storage locker cost continues to go up. Currently the locker is \$143.05/month. All agreed it was a needed expense.

3. Lectures & Labs – Steve Erickson

Steve reported the Fall lecture series has been set. We should get the room assignment by mid Sept. He has not started on the Spring lecture series yet. There will be 2 Zoom lectures in the Fall and in the Spring. He is talking to Jeff Thol at Macalester about doing a fossil history for the lab on the 3rd weekend of Feb.

4. State Fair – Patrick Pfundstein

Patrick reported the State Fair booth was partially set up. Set up will be completed tomorrow Aug 23rd and 96-97% of the shifts have been covered. He suggested the GSM buy updated bedrock maps for use at future fairs and other GSM events. Steve Erickson volunteered to look into potential sources and costs. Patrick also suggested that new design ideas for the State Fair booth be considered in the future.

5. Field Trips – Dave Wilhelm & Joe Newberg

See Dave's report in Appendix B. Randy's and Joanie's 5-day field trip to southern Missouri has 35 interested parties. Joe Newberg is looking into a possible field trip to the Tower Sudan Mine. Dave Wilhelm is looking for new ideas.

6. Minnehaha Marker project – Patrick Pfundstein

Patrick reported there has been movement on the marker. The Minneapolis Park Board is doing design work on the marker. A scale printout of the design should be on its way for review.

7. GSM Operations Guide – Patrick Pfundstein

The operations guide is complete. It will be loaded to the GSM website with security.

8. Geological Materials – Rock boxes for Science Museum - Dave Wilhelm

See Dave's summary report in Appendix B. Dave W. reported that he and Theresa completed 8 sample boxes for the Science Museum of Minnesota (SMM). Karla O. at the SMM did have questions on some of the specimens. Roger commented that Karla should look at the taconite pellets at the Collector's Corner in the SMM.

9. Video/Zoom recordings – Dick Bottenberg

See Dick Bottenberg's notes in Appendix C for the status of efforts by Joe Wright to develop a process to video record GSM lectures and upload then to YouTube. Appendix C contains a summary by Dick Bottenberg and details as submitted by Joe Wright.

Results of Board discussion:

- I. The Board decided not to approve an updated version of the GSM logo as recommended by Joe Wright for use on video recordings. The board will address the need to update the GSM logo at the next meeting.
- II. The Board allowed the one-time use of the proposed new logo on the recently completed Meteorite lecture video in order to facilitate speedy upload to YouTube. Joe Wright will send out a link to the current video under development for review.
- III. Dick also requested \$242 for expenses incurred during video development. Dave Kelso moved to cover these expenses. Pete Hesse seconded the motion. The Board vote on the motion was all in favor and none opposed. The motion passed.
- IV. The estimate to convert a video to YouTube format will require about 4 hours of a graphics tech's time or about \$100 expense/video. It was decided to continue this discussion at the next Board meeting.
- V. It was also noted the tripod expenses for video production has already been approved in a previous meeting.

10. You Tube Channel – Patrick Pfundstein

No new news since the spring Board meeting. The GSM YouTube channel is up and running

11. GSM name tags - Dave Wilhelm

Stephen Willging and Roger Benepe need name tags. Dave will work on securing them.

12. New members, younger and diversity – Mary Helen Inskeep

Mary Helen reported she was going to contact several organizations like Campfire, Girls Scouts 4H, Boy Scouts and Community Ed programs to see what they do to recruit new members and what opportunities GSM may have with these organizations to increase GSM's visibility to new people. She will have a better report on her activities at the next Board meeting.

Patrick P. will look into the possibility of a State Fair booth presentation and possibly a stage presentation. Will discuss further at the next Board meeting.

13. September Board elections - All

Patrick P. and John Westgaard will be leaving the Board due to term limitations. Dave Wilhelm has volunteered to rejoin the Board. We need one more person to be nominated. Let Roger know of any interested parties.

Additional Agenda items

The Mineral Club show is Sept 23 – 24 at the State Fair Dairy Building. GSM will have a table. A request for volunteers will be sent out.

We are looking for possible location(s) of future in person Board meetings. This topic will be discussed further at the Sept 18th Annual Meeting.

The next Board meeting was proposed for Thursday Nov. 9th, 2023. Future meetings could be on Mondays between lectures in the U of MN lecture room during the school year.

Finally, Deb Naffziger moved the meeting be adjourned. Dave Kelso seconded the motion. The Board vote was: all in agreement, no opposed. The meeting was adjourned.

Appendix A

Treasurer's Report
GSM Board Meeting
Aug 22, 2023

1. Checkbook balanced for the months of May, June, and July 2023.
2. Income, deposits, for the three months = \$155.00. Fiscal year to date = \$2,810.00.
3. Expenses for the three months:
 - a. Spring banquet facility rent = \$150.00.
 - b. Spring banquet speaker expense = \$19.39.
 - c. Lecture honorariums = \$500.00.
 - d. Table runners for booth displays = \$296.76.
 - e. Rock hammers = \$120.10.
 - f. Extra Space Storage rent = \$406.35 (\$135.45/mo.).
 - i. Note – Effective Sep 1 the rate will increase to \$143.05/mo.
 - g. Newsletter expenses = \$16.38 for postage and \$22.04 for printing.
 - h. Total expenses for the three months = \$1,531.02.
4. Checking account balance as of July 31, 2023, = \$15,536.47.
5. Investment account balance (RBC Wealth Management) as of June 30, 2023, = \$5647.15.
6. Financial spreadsheets will be uploaded to the GSM website at the conclusion of the Board meeting.

Submitted by Dave Kelso
GSM Treasurer

Appendix B:

David Wilhelm <dewilhelm53@msn.com>

To:Patrick Pfundstein,Stephen Willging

Cc:Roger C Benepe,Dick Bottenberg,Kate Clover,Peter Hesse,Deborah Naffziger

Tue, Aug 22 at 5:34 PM

Field trips:

1. Randy Strobel and Joanie Furlong are planning a field trip to the Missouri Ozarks October 19-23. Information was sent to all members on July 28. At this time, around 35 members have expressed interest. Note: originally this trip was planned to be a few days longer, that part to be led by Missouri geologist Phyllis Steckel. Tragically, she died unexpectedly on July 25.
2. Joe Newberg is investigating a trip to the Tower Soudan mine next spring/summer. It is not open to the public this year due to renovations.
3. We have abandoned plans to organize a field trip to coincide with the total solar eclipse April 2024.
4. As always, we are looking for field trip ideas.

Rock boxes:

In early July, Theresa Tweet & I prepared 8 rock boxes for Karla Ollanketo at the Science Museum. (SMM had supplied the empty boxes earlier.) Dave delivered them to SMM on July 12. Recently, Karla had questions about a few of the specimens, which I have passed on to more knowledgeable members. Related to this, in May Ted Chura collected and supplied samples of the specimen we were missing.

Name tags:

Stephen Willging has requested a name tag; (do you want your name as Stephen or Steve?). Are there other Board members or officers who need a name tag? I do still have a tag for Joel Renner from a few years ago that I have not been able to deliver.

Appendix C

Dick Bottenberg <dbottenberg@hotmail.com>

To: Steve Willging, Roger Benepe, Patrick Pfundstein, Dave Kelso, Pete Hesse

Cc: Joe Wright, David Wilhelm, STEVE ERICKSON Owner

Tue, Jun 27 at 1:49 PM

> Board Members,

> Joe Wright has been working to get the video lecture process up and running. The meteorite lecture is complete and has been sent to the lecturer for review before uploading to YouTube. Joe is working with Pat on the upload requirements and process.

> In order to complete this video, Joe finalized the approach to be used for the format and introduction of the video. As part of the process, Joe did some research and work to update the logo and colorize it.

> The attachment is from Joe and it describes what he has done and what his costs were to do it. I for one approve of his approach, and will vote to reimburse him for the costs outlined in the attachment.

> I believe that, in order to ensure the lectures get processed in a timely fashion, it would be a good move to provide a small processing fee to a non-GSM person to process the recording into a YouTube ready flash drive. I have asked Joe for his opinion on this.

> Joe also pointed out to me that he is ready to purchase a video tripod from Best Buy for ~\$275.

> Roger, if appropriate, can you request a board vote for the reimbursement requested by Joe? I believe that he is already authorized to purchase a video tripod.

> Sent from my iPhone

From: Joe Wright

Geological Society of MN

23 June 2023

Video Update

I have dug into updating the GSM logo and implementing a presentation format for our videos. I am starting with the GSM lecture presentation on 04 April 2023 by Craig Zliment titled Meteorites: The History and Mystery of Raining Rocks.

I employed Jaime Faus, my daughter, to help me. She does the graphics, presentations, etc. as part of her job with the UW Madison Survey Center and other websites for local businesses in the Madison WI area. Since I did not have direction to do what I did you don't have to repay me but my costs are:

License for Morton Gneiss	\$ 49.99
Jaime Faus 5 hours @ \$25/hr	\$125.00
USB A/C 3.1 flash drives 5 total	<u>\$ 67.15</u>
Total	\$242.14

Logo

The GSM logo is very dated and was not designed for today's graphic and video world.



While wanting to keep the overall state of MN inside the circular title I wanted to add color and a more modern reference point.

Interior: I started with the thought of having the state of MN graphic based on the geological bedrock map and the background a picture of gneiss (I have a large bolder in my yard that I used). I got pictures of an agate, rock hammer, and eye loop magnifier, a Trilobite, Geological Survey MN graphic, and took a picture of the gneiss bolder in my yard. The initial iterations very busy and crowded.



The view above does not include the Trilobite or eye piece but does include the agate and rock hammer.

The next iteration used a solid color for the state of MN or as the background:



We (Dick Bottenberg, Jaime, and I) decided none of these were ideal.

The next iterations went with the outline of MN on the Morton Gneiss photo to which I had purchased the license. This became the basis for the center.



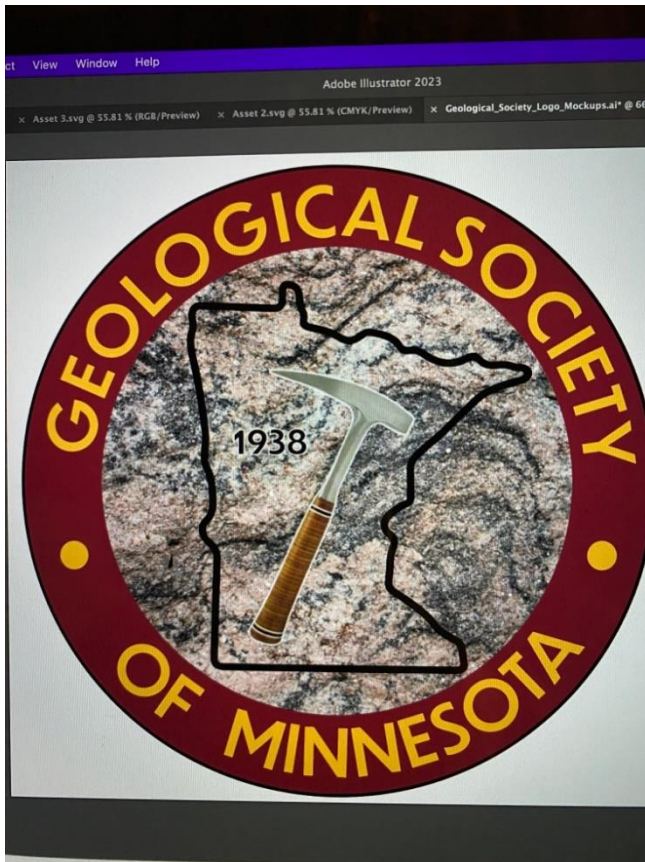
Color: Since we do all of our lectures at the U of MN and have many links to folks at the U I chose to use the U of MN color scheme, yellow on maroon. I got the exact colors for websites.



Finally, we added in the GSM start date.



And the one we finalized on:



Meteorites Lecture

For the lecture video we started off showing the old logo that morphed into the new logo (we use both logos throughout the video screens).





We used simple graphics and multiple voiceovers throughout the presentation:

GSM PRESENTS:

**METEORITES: THE HISTORY AND
MYSTERY OF RAINING ROCKS**

BY MR. CRAIG ZLIMAN

**METEORITES: THE HISTORY AND MYSTERY OF RAINING ROCKS
QUESTION AND ANSWER**

METEORITES: THE HISTORY AND MYSTERY OF RAINING ROCKS AN UP-CLOSE LOOK

LINKS MENTIONED IN THE PRESENTATION



LANIAKEA: OUR HOME SUPERCLUSTER

[HTTPS://WWW.YOUTUBE.COM/WATCH?V=RENYRWXPHO](https://www.youtube.com/watch?v=RENYRWXPHO)

Superclusters – regions of space that are densely packed with galaxies – are the biggest structures in the Universe. But scientists have struggled to define exactly where one supercluster ends and another begins. Now, a team based in Hawaii has come up with a new technique that maps the Universe according to the flow of galaxies across space. Redrawing the boundaries of the cosmic map, they redefine our home supercluster and name it Laniakea, which means ‘immeasurable heaven’ in Hawaiian.

THE GREAT ATTRACTOR

[HTTPS://WWW.YOUTUBE.COM/WATCH?V=0W4OTD4L0GQ](https://www.youtube.com/watch?v=0W4OTD4L0GQ)

No matter where you are, you are always moving. The Earth orbits the sun, and the sun moves round the galaxy. But what is it that makes the galaxy move? That is going to be our topic today. Everything in our local galaxy supercluster, Laniakea, is being dragged towards a very high concentration of mass hidden behind the plane of our galaxy. It has all the ingredients for an epic space mystery, it is the Great Attractor.



METEORITES: THE HISTORY AND MYSTERY
OF RAINING ROCKS WAS RECORDED ON
APRIL 4, 2023 AT KELLER HALL
ON THE TWIN CITIES CAMPUS OF
THE UNIVERSITY OF MINNESOTA.

MUSIC FROM #UPPBEAT (FREE FOR CREATORS) [HTTPS://UPPBEAT.IO/T/MOIRE/LANIAKEA](https://uppbeat.io/t/moire/laniakea)
LICENSE CODE: 71XWMVUC2CXERBW0



SPECIAL THANKS TO MR. CRAIG ZLIMAN
MINNESOTA METEORITES (MNM)
MNMETEORITES.COM

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METEORITES: THE HISTORY AND
MYSTERY OF RAINING ROCKS

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