

**Geological Society of Minnesota**  
**Approved Board Meeting Minutes for August 8, 2019**

- I. Notes and opening comments.
  - A. Board members present: Wolf Bielefeld, Roxy Knuttila, Frank Janezich, Dave Kelso, Deborah Naffziger, Dave Wilhelm, Kate Clover.
  - B. GSM members' present: Joel Renner, Alan Smith, Pat Pfundstein, Theresa Tweet, John Westgaard
  - C. President Dave Wilhelm called the meeting to order at 7:00 pm and indicated that a quorum was present.
  - D. Minutes for the May 2019 Board meeting were previously approved by e-mail and posted on the GSM website. FYI: Board members have 10 days to review the preliminary minutes after the Secretary sends them out. Please be sure to do that by the date set by the Secretary.
  
- II. Agenda items for consideration by the Board.
  - A. Review and agree on the agenda for August 8, 2019.
    1. Board members agreed on the agenda.
  - B. Future Board meeting dates.
    1. 14-Nov-2019
    2. 06-Feb-2020 (note this is one week earlier than usual)
  - C. Board status Dave W.
    1. Current Board membership.

|                      |                               |
|----------------------|-------------------------------|
| a) Wolf Bielefeld    | 2019 to 2022                  |
| b) Roxy Knuttila     | 2019 to 2022                  |
| c) Frank Janezich    | 2019 to 2022                  |
| d) Joe Newberg       | 2018 to 2021 (began May 2018) |
| e) Dave Kelso        | 2018 to 2021                  |
| f) Deborah Naffziger | 2017 to 2020                  |
| g) Dave Wilhelm      | 2017 to 2020                  |
| h) Dick Bottenberg   | 2016 to 2019                  |
| i) Kate Clover       | 2016 to 2019                  |
    2. Current Officers.
      - a) President – Dave Wilhelm
      - b) Vice President – Deborah Naffziger
      - c) Treasurer – Dave Kelso
      - d) Secretary – Dave Kelso
    3. Board membership for 2020.
      - a) Due to term limits, Kate & Dick must leave the Board on Dec 31, 2019.
      - b) First terms for Dave K & Joe end on December 31,2019. We hope they will each run for a second 2-yr term.
        - (1) Dave K indicated that he is considering a second term.

- c) We are looking for two members to replace Kate & Dick on the Board. Two persons have expressed interest: Patrick Pfundstein and John Westgaard.
- d) Election of returning and new Board members occurs during the Annual Meeting at 6:30 on September 16, just before the first lecture of the season. Nominations from the floor are accepted.
- e) New Board members will receive name badges by the November Board meeting.

D. Treasurer's report – Dave K

- 1. Financial Report (previously sent by Dave K to Board members).
  - a) Dave presented an income/expense statement and a cash balance statement.
  - b) These documents will be submitted, either through Alan or Dave K, to a secure location on the GSM website. The secure location will be accessible by Board members and/or other authorized GSM members. Dave K proposed that this be done on a quarterly basis.
- 2. Board member review of finances – Deborah
  - a) Deborah stated that she had received financial information (bank statements and checkbook register) from Dave K and that her review indicated that finances looked to be in order.
- 3. Plans for GSM investments and savings accounts – Dave K/Deborah
  - a) Deborah and Dave K reported that they met with Tiffany Fahnhorst who is with RBC Wealth Management regarding investment options. The best option appears to be to invest in a "Russel Top 200" type fund with an initial entrance fee of \$300 and an annual management fee of \$185 based on a \$10,000 investment. The Board discussed these costs and additional options of other investments.
  - b) Since there is no long-range plan for utilizing existing GSM funds (besides investment options) the Board recommended that GSM Board members and other interested parties should be queried regarding recommendations, ideas etc. for the future. Dave W and Theresa will take care of this.
  - c) **MSP (Deborah/Kate) to invest \$5,000 with RBC Wealth Management.** The vote on this motion was 5 in favor and 2 against.
  - d) Once the investment has been completed, Dave K will send out pertinent information to the Board.

E. Financial reports & other non-public info on the GSM website – Dave W/Alan

- 1. Alan has developed a prototype of a password-protected area on the GSM website in which non-public documents (not including background checks) could be stored and to which Board members would have access. Dave W has tried it and suggested a few changes to Alan, most

notable that there should be a separate ids/password for reading versus entering. *We hope to make this available to all Board members for trial after the Board meeting.*

a) No action taken

F. GSM website – Alan

1. Status of new website

a) Alan reported that it is essentially done and can be looked at. Dave W said he will look into it next week.

b) Joanie Furlong is the backup webmaster for when Alan is unavailable.

G. State Fair – Dan

1. Written report supplied.

a) See Attachment A (GSM State Fair Committee Report) attached to these minutes.

2. As Dan is resigning in October as State Fair Committee chair, we need a new person to fill that role. Dan will continue with the committee to advise the new chair. He can also continue to store the State Fair equipment.

**Anyone, preferably someone currently on the committee, ready to step up?** This person need not be a member of the GSM Board.

a) Dan indicated that he intends to still be somewhat active with the state fair booth and activities.

H. GSM Marker Survey project – Becky

1. No discussion. See Attachment B (Marker Committee) attached to these minutes.

I. Minnehaha marker replacement status – Kate/Dick

1. This is progressing very slowly.

2. Dan suggested that working with County geologist may be beneficial

3. See Attachment C (Minnehaha Marker Report) attached to these minutes.

J. GSM scholarships and grants – Dave W

1. Written progress report on mock dinosaur dig site on the Rosemount High School campus, partially funded by GSM.

a) Dave K indicated that the GSM contribution check has been sent to Rosemount High.

b) See Attachment D (Rosemount High Mock Dig) attached to these minutes.

K. Adding a multiyear membership renewal

1. As agreed at May 2019 meeting, multi-year membership option has been added to website, and at least one person so far has opted to renew for 3 years.

a) Joanie stated via e-mail: Quiet time, very little mail has come in. One new member. Coming up is GSM's annual renewal so we will see what percent renew. The renewal form will be in the upcoming newsletter, I will also send out a reminder email. Curious how the multiple year memberships will work".

- L. GSM Rock Hammer awards – Theresa
  - 1. At the May meeting, the Board agreed on who should receive these, which will be presented during the Annual meeting September 16.
    - a) Award recipients' names are kept secret at this time.
  - 2. Approximate cost of the Hammers is \$26 each.
    - a) A “sample” engraved hammer was passed around for the Board to see.
    - b) Dave K indicated that Theresa has been reimbursed for the cost.
- M. GSM baseball caps and t-shirts for members – Joe N
  - 1. These items will be displayed at the Annual meeting with the anticipation that orders will be taken.
  - 2. See Attachment E (GSM Hat-T shirt proposal), Attachment F (GSM Hat Jpeg) and Attachment G (GSM T shirt Jpeg) attached to these minutes.
- N. Lectures and labs – Steve/Dave W
  - 1. Bonus lecture 20-May-2019 by nationally recognized author Peter Brannen was a great success, with ~220 in attendance (Tate Hall Room B50 has capacity of 250), of which about half were not GSM members. The August Newsletter will have a short article. Cosponsored by Don Shelby (\$500), GSM (\$250), MN350 (\$125), Climate Generation (\$125), all of which payments have been received. Report has been submitted for the August Newsletter.
  - 2. Plans for next year's lectures & labs – Steve has nothing new to report. He has put in the request for the lecture room but won't hear for a few weeks.
- O. Banquets – Dave W
  - 1. Fall Banquet, Annual Meeting, and first lecture to be held at U Garden on 16-Sep-2019 at 5 pm, same as banquets for past few years. Spencer at U Garden has been contacted and has it on their calendar. As agreed at the May 2019 Board meeting, Annual Meeting to start at 6:30 instead of 7:00, with lecture to follow immediately.
- P. Status of lecture video recording and distribution
  - 1. Status (written report forthcoming on which lectures have been recorded, and which of those have completed editing).
  - 2. Availability & process for member access to recordings.
  - 3. Formation of video team
  - 4. Equipment purchases
  - 5. Complementary recording to each presenter?
- Q. GSM Student Outreach – Joel Renner
  - 1. Written report supplied – See Attachment H (GSM Student Outreach) attached to these minutes.
  - 2. “Raptors, Reptiles & Rocks” at St. Mark's School in St. Paul; written report by Dave W supplied; also August Newsletter article. See Attachment I (Raptors, Reptiles, Rocks) attached to these minutes.

3. Dino Fest at the Science Museum of Minnesota, Sat. July 13 10AM – 4 PM.
    - a) A very successful event with about 2700 people attending.
    - b) See Attachment J (GSM Dino Fest) attached to these minutes.
  4. Minnehaha Falls field trip – Patrick
    - a) Patrick is considering setting this up in the fall but will do a “trial” run soon and invite Board members to participate.
  5. Fossil Day at the Science Museum of MN, Sat. Oct 19 – *need someone to lead this*. Note that this is on the same weekend as the Mineral Club Rock Show.
    - a) Pat P has offered to lead this with the assistance of John W.
  6. Earmarked contribution: GSM member Tom Schoenecker plans to do the following: a) arrange yearly school student outreach visits to a school in Excelsior, and b) make an earmarked contribution to GSM to pay for such for as long as the funds last. – Joel, Dave K
    - a) See Attachment H (GSM student outreach) attached to these minutes.
      - (1) Dave K – we have not received the funds as yet.
- R. Mineral Club Rock Show – Kate
1. Third weekend of October: 19 & 20 of Oct.
  2. We need people to man the booth – Kate and Pat will get together and plan this.
- S. Member ship report – Joanie
- a) Joanie stated via e-mail: Quiet time, very little mail has come in. One new member. Coming up is GSM’s annual renewal so we will see what percent renew. The renewal form will be in the upcoming newsletter, I will also send out a reminder email. Curious how the multiple year memberships will work.
- T. PO Box Status
1. President, Treasurer, and Membership Chair have keys. Box has been checked semi-regularly, typically before lectures, 1-2 items per week, after the rush of membership renewals in September and October.
  2. Outside of lecture season, each keyholder should inform the others when they check the box, so we know if it has been a long time since it was checked.
- U. GSM Operating Manual update and review – Deborah/Dave W
1. Dave W and Alan have prepared preliminary section on the website; not yet integrated.
  2. Dave W had planned to prepare preliminary section for lecture recording prior to August Board meeting but did not complete it.
  3. There will be some changes to the Operating Manual due to the revised website.
- V. Field Trip plans and feedback – Dave W

1. Written report supplied – See Attachment K (Field Trips and Tours) attached to these minutes.
- W. Video Library – Dave W
1. Written report supplied – See Attachment L (Video Library) attached to these minutes.
- X. Report on in-memoriam contributions, if any – Theresa/Dave K
1. None reported.
- Y. Receiving, acknowledging, appraising, and disposing of material contributions (rocks, tools, etc.) – Dave W
1. Dick B received materials from Doug Z that he has delivered to Dave W that need to be inventoried.
  2. Materials (field trip itineraries, notebooks, photos) were donated by the family of Judy Hamilton. I'd not expect more material, as my contact has also passed away.
    - a) Dave W has made initial inventory; no further progress since November.
    - b) Many newsletters, some of which we might be missing; need to compare with what is on the website.
- Z. "Ask GSM" activity – Theresa
1. See attachment M (GSM Questions Update) attached to these minutes.
- AA. Newsletter – Theresa & Mark
1. On-going
- BB. Goals – Dave W
1. Install new big-picture marker at Minnehaha Falls during 2019.
  2. Develop a plan and prioritize marker installation/repair for Minnesota's geological markers based on the recent marker survey.
  3. Continue developing a GSM marker database and survey the markers in 2019.
  4. Develop video recording crew and optimize the equipment and processes; have first video recording of a lecture available to members in 2019.
  5. Complete update of GSM Operating Manual during 2019.
  6. Others goals we should add?
    - a) None at this time
- CC. Adjournment
1. **M/S/P (Dave K/Wolf) to adjourn.**

Respectfully Submitted  
 Dave Kelso  
 GSM Secretary

### III. ATTACHMENTS

- A. GSM State Fair Committee Report
- B. Marker Committee
- C. Minnehaha Marker Report
- D. Rosemount High Mock Dig
- E. GSM Hat – T Shirt proposal
- F. GSM Hat photo
- G. GSM T-Shirt photo
- H. GSM Student Outreach
- I. Raptors, Reptiles, Rocks
- J. GSM Dino Fest
- K. Field Trips and tours
- L. Video Library
- M. GSM Questions Update

Attachment A  
GSM State Fair Committee Report  
Submitted by Dan J

**GSM State Fair Committee Report for August 8, 2018**

**Chair: Daniel Japuntich**

State Fair Committee: Rebecca Galkiewicz, Dan Japuntich, Dick Bottenberg, Edward Steffner, Roger Benepe, Sandra Steffner, Pat Pfundstein

- **As of October 1, 2019, I resign as Chair of the GSM State Fair Committee. Many thanks to the GSM Board for their support over the last five years.**

**Report:**

- The 2019-2020 Lecture Schedule was formatted and completed for State Fair Brochure printing (Ed Steffner). Booth staffing solicitation announcements were made by email over the summer.
- All but two volunteer time slots have been filled. A last solicitation will be emailed.
- A State Fair Committee meeting was held on July 10 at my home at 1092 Lincoln Avenue, St. Paul. Booth Set-up and Take-down times were assigned.
- Information email sent to all volunteers:
  - GSM Volunteer Booth Visitor Introduction - What to say to booth visitors and other tips. Make sure they are aware of the lecture series.
  - State Fair 2019 Booth Staffing - Look for your time(s)! If you have problems, email me. Try to be there 10 minutes early for the volunteer transfer.
  - State Fair Map - We are in the Education Building on the east side of the Fairgrounds, center aisle section from the main entrance.
  - 2019-2020 Lecture Series on the GSM Brochures to be handed out (will be on a large booth poster).
  - GSM Geological Markers Brochures to be handed out.
  - 2018 Booth photo
- Booth set-up is Wed. Aug. 21 at 11:00. Booth take-down is Sept. 3. At 11:00. Meeting at my house.

- The State Fair Booth equipment may continue to be stored at my house.
- Improvements: Grand total: \$316.48
  - One new laminated poster for \$91.68 of the 2019-2020 Lecture Schedule
  - Two new adjustable anatomy chairs/stools (\$224.80 total) were purchased to replace the old stools. These stools have a 360 degree height adjust bar and back rest, which may also be used as an elbow or front leaning arms rest, when straddled facing front.



Attachment B  
Marker Committee  
Submitted by Becky G

Marker Committee report on the Portsmouth Mine Marker, Crosby, MM  
August 5, 2019  
Becky Galkiewicz

Last November, the MN DOT contacted GSM about moving the Portsmouth Mine marker to a new location near its current location. The purpose of the move is to allow a tunnel to be built under Highway 6 so bikers and skaters can safely cross underneath the highway on the State Trail. DOT routinely checks with stakeholders when a new project is proposed - the Marker Committee asked for information and determined that the project would improve safety and parking for people while making the marker more visible and accessible.

Becky Galkiewicz called Brett Stark in the District 3 DOT office recently for an update. Brett reported that construction of the tunnel is underway and Highway 6 is closed in that area. DOT expects to finish the tunnel and reopen the highway at the end of August. At that time, the GSM marker will be moved to its new location. Trees have been cut along the shoreline to make a place for the marker and to open up a view of the mine lake. We will contact Brett in the fall when the project is expected to be complete.

Attachment C  
Minnehaha Marker Report  
Submitted by Kate C

To: GSM Board  
From Kate Clover, Dick Bottenburg  
Date: August 5, 2019

On Jul 11, 2019, Dick received the message below from MaryLynn at the Mpls Parks.

Both Dick and I have been traveling, and we suggested we could meet in late July to review the project. We have tried to contact her recently, but have not heard back from. We will continue to try to advance this project.

Hi Dick,

Yes, I'm out here, just a little buried because it's summer. I found a graphic designer who fit the bill and she has all of the proposed edits/comments/etc in hand and is working on the panel. Based on her project load, she was shooting to get the updated panel back to me sometime the week of July 22. I'd like to confirm I have it in hand before the two of us set a date. Can you meet on short notice after that or are you out of town for summer vacation?

Attachment D  
Rosemount High Mock Dig  
Submitted by Dave W

**Rosemount High mock dig site**

**Report to GSM Board, August 8, 2019**

**Dave Wilhelm**

Dave Kelso send GSM donation check for \$200 after July 1, as requested by Joseph Christman, project leader.

From Joseph Christman, 08-AUG-2019: I spent the last three days building the exterior of the dig site (see photos). Only a few small details left to finish there. The sand/gravel matrix will be delivered on the 19<sup>th</sup>. Students will be using the dig site the first week of school (school starts the Tuesday after Labor Day). I will send more pictures as we progress.

Thank so much for the donation. Let me know if you have any questions.



Attachment E  
GSM Hat-T Shirt Proposal  
Submitted by Joe

## **GSM Shirt/Hat Purchase Proposal**

1. Vendor....Big Frog Custom T-Shirts (Bloomington Branch)

2. Hats....110c Cool/Dry Pro-Formance Cap

- a. Colors available: Black, Navy, Red, Royal Blue with gold embroidered emblem.
- b. Cost for order of 50 - \$21.00 ea. Cost for order of 20 - \$27.00 ea.

3. T-Shirts....Gildan G200 100% Cotton Tee

- a. Men's available in sizes S-5XL. Colors: Navy, Royal Blue, Kelly Green, Heather Berry with gold logo.
- b. Women's available in sizes S-3XL. Colors: Navy, Royal Blue, Irish Green, Berry with gold logo.
- c. Cost for order of 50 - \$9.00 per shirt; order of 30 - \$11.00 per shirt.

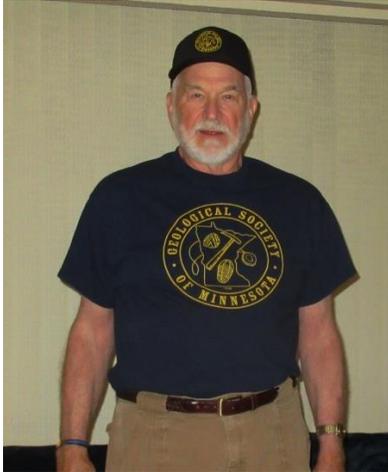
4. In addition to samples I wore last night, I will have a sample of shirt and hat (w/o logos) available for September meeting.

Submitted: Joe Newberg 9/30/19

Attachment F  
GSM Hat Photo  
Submitted by Joe



Attachment G  
GSM T-Shirt Photo  
Submitted by Joe



Attachment H  
GSM Student Outreach  
Submitted by Joel

GSM Student Outreach -- Board Meeting August 8, 2019

GSM members Tom and Edna Schoenecker would like to provide GSM funding for one or two geologic presentations yearly at a Montessori school in Wayzata. His preference is to make an earmarked \$1000 donation to GSM rather than provide the funds directly to the school. The funds would be available to GSM if the school would not need the funds in the future.

Scott Alsleben of Great River School has requested several presentations on North Shore geology for early September. I am not sure whether Macalester students can present such talks or that they will be available in early September since classes begin at Macalester on September 3.

I have contacted Jeff Thole the advisor to the Macalester Geology Club to see if there will be any students available for such talks. I have also emailed Scott that we may not be able to make his requested presentations. I have not yet received responses for Jeff or Scott

Attachment I  
Raptors, Reptiles, Rocks  
Submitted by Dave W

Raptors! Reptiles! & Rocks!  
Dave Wilhelm

On Thursday afternoon, May 30, St. Mark's School in St. Paul organized a unique event for students and the public: **Raptors! Reptiles! & Rocks!** Theresa Tweet and I handled the "Rocks!" portion of this event, using rock specimens and other materials from GSM's State Fair display. The Raptor Center and the Minnesota Herpetological Society provided the creatures and expertise for the other 2 legs of this alliterative triangle. Background: This event was originally scheduled for April 26, when **Dan Japuntich** and I were planning to do the Rocks portion. One day before, we got an e-mail from the organizer saying that the event was cancelled due to an administrative announcement. When we heard on news media that weekend that St. Mark's would be closing its doors after over 100 years in operation, we understood why the event was cancelled. We were surprised a few weeks later when resilient St. Mark's decided to reschedule the event in spite of their upcoming closure. We of course were happy to do our part to show support. Since Dan was unavailable on the rescheduled date, Theresa stepped up to be our other presenter.

The event was a great success, with many students, parents, and members of the public (including a few GSMers) enjoying a raptor show, marveling at the snakes and other reptiles, handling GSM's Minnesota rocks, and (for the younger ones) "making" their own dinosaurs in our booth. For me, while I certainly enjoyed seeing the snakes, eagle, and owl, the highlight was touching a live alligator, which I had never done before. The alligator had been rescued years ago as a baby in a St. Paul neighborhood, and has since been trained to signal its owners when it is hungry.

Photo: GSM display at Raptors! Reptiles! Rocks!

Photo: Make your own dinosaur at the GSM booth

Photo: Largest creature at Raptors! Reptiles! Rocks!

Attachment J  
GSM Dino Fest  
Submitted by Pat P

## GSM at First Ever Dino Fest!

On July 13th, the Science Museum of MN (SMM) held its first annual Dino Fest, and GSM was there! This unique opportunity for public outreach was opened by Steve Erickson's connection with SMM's new Chair of Paleontology, and Dino Fest founder Alex Hastings (who is also GSM's Oct. 28 speaker). Theresa Tweet supplied a collection of terrific dinosaur fossil casts to serve as the foundation for the GSM display, some items were added from the State Fair materials (display trays, lecture/Geo-marker brochures, some graphics), and with a couple books, a few paleogeography maps, and simple signage, the table was set. GSM was represented by the aforementioned Mr. Erickson, and this article's author.

No doubt the stars of the show were the fossil casts, being both rich in minute detail, and also (as replicas) a hands-on experience. The Velociraptor and T-Rex claws were the most popular (especially the 'raptor claws, which could be "worn" between fingers of a fist), followed by the serrated Carcharodontosaurus tooth. Well over 100 kids (plus their parents) stopped by the GSM booth, and with Steve making a couple future speaker connections, and SMM asking GSM back to the museum for October 19's Fossil Day, the outing was a great success! (Thanks, Theresa! And for the rest, a Fossil

Day update with any opportunities for participation may well be part of announcements at September's lectures, so stay tuned!)

Patrick Pfundstein

Attachment K  
Field Trips and Tours  
Submitted by Dave W

**GSM Tours and Fields Trips**

**August**

**Submitted by Dave Wilhelm**

**Dave Peters, Randy Strobel** and Dave Wilhelm are organizing a “**Sand and Sandstone**” three-day field trip on **Saturday, Sept 7 through Monday, Sept 9** to examine sand and sandstone formations of east central Minnesota and northwestern Wisconsin. The locations are within 3 hours of the Twin Cities. The start and end times of the trip are set so that participants can travel from the Twin Cities Saturday morning and return Monday evening. Participants can join for only selected days if that fits their schedules better. The trip will be priced to cover entrance fees and honoraria for the leaders, plus the cost of a coach bus for the last day. Cost to the GSM treasury should be minimal. At this time, 34 are expected for Day 1, 44 for Day 2, and 28 for Day 3. GSM members have already been contacted to determine interest. Further details are being sent only to those who continue to express interest.

Trip Summary:

**Day 1** (Saturday afternoon, Sept 7): Led by GSM's Randy Strobel in the Sandstone, MN area. Start time will be around 1 PM; exact time TBD. This leaves plenty of time to drive from the Twin Cities. First, we will visit a historic sandstone quarry at [Robinson Park](#) on the Kettle River. We will then drive 5 miles to [Banning State Park](#), where we will hike the Quarry Loop, Hells Gate, and Wolf Creek Falls [trails](#) (about 3.5 miles total), where we will observe a large historic sandstone quarry.

**Day 2** (Sunday, Sept 8): Led by [Tom Fitz](#) of Northland College in Ashland, WI. This day will feature an examination of evidence of the 1.1-billion-year-old [Midcontinent Rift](#), subsequent sandstone formation in the Lake Superior basin and then the vast belt of outwash sands left across northwestern Wisconsin by recent glaciation.

- Stop 1: Starting at 9 AM, we will observe [Amnicon Falls](#) near Lake Superior.
- Stop 2: Near South Range about five miles away to look at another exposure of mid-continent rift basalt.
- Stop 3: Brule Spillway Natural Scenic Area about 23 miles away shows the story of the outlet of Glacial Lake Duluth.

- Stop 4, etc.: [Namekagon Barrens Wildlife Area](#) near Minong, WI about 37 miles away to look at the landforms and sediments of the area.

Tom will prepare handouts to be distributed that day as he works out more details.

**Day 3** (Monday morning): Led by Lauren Finch at [Crex Meadows Wildlife Area](#) near Grantsburg, WI. This day will feature an examination of the human history, disturbance, reclamation and management of that portion of the northwestern Wisconsin sands. We will hire a coach bus for this part of the trip, with boarding at 10 AM and finish 3 hours later. We will meet to board the bus either in Grantsburg or at the Crex Meadows visitor center.

Randy Strobel has tentative plans for a field trip to the **Driftless Area** in the vicinity of the Minnesota, Wisconsin, and Iowa juncture. Dates have not yet been set, but Randy is looking at early October. GSM members will be informed as this field trip develops.

Dave Wilhelm will organize a tour of the St. **Anthony Falls Laboratory** and its varied experiments in late fall 2019, assuming sufficient interest. See reports of previous tours in the Spring 2015 and May 2017 Newsletters.

**Deborah Naffziger** is researching a trip to Ohio: I have sent an email to OSU, and am waiting for a reply. If they ignore me, I will go to the many other colleges in Ohio that have good geology departments. I hope to have something by winter, and am hoping to meet with people in Sept when I go to Ohio.

**Dave McGill** is still looking into a field trip to Switzerland, but his current thinking is to do a scouting trip in 2020 and the actual trip in 2021.

Attachment L  
Video Library  
Submitted by Dave W

## **Video Library Activity**

### **17-MAY-2019 through 08-AUG-2019**

**New VL members: 0**

**Rentals:** 0

**Purchases:** 0

**Donations:** 4 (from Patrick Pfundstein: Great Courses - Intro to Paleontology)

**Total Titles:** 335

**New reviews:** 0

**Finances:**

No new deposits

\$12 cash on hand

Attachment M  
GSM Questions Update  
Submitted by Theresa T

GSM Questions Update 8/1/2018 - 2/21/2019

Questions do not include multiple replies:

1. Information on Superior Agates: - 2/25/2019: Cxxx – [cxxxxx@](#) - What are the officially recognized types of Lake Superior agates, Cxxxxx wanted to start an agate collection so I sent him a few online links. (Theresa Tweet)
2. Student Opportunities - 2/22/2019: Txxxxx - [cxxxxx@](#)- Txxxxx wanted some information about available positions (volunteer or paid) with the GSM. (Theresa Tweet)
3. 20 pound meteorite – (original email date 12/31/2018), follow-up ;2/7/2019: Pxxxxx – [pxxxxx@](#) Pxxxxx was given a “meteorite” by Grandfather and would like to have it properly identified. Jeff Thole put a small piece of it in the Macalester spectrometer – it was not a meteorite and was instead identified a piece of float copper. (Jeff Thole)
4. K-5 Cub Scout Banquet Presentation- 1/20/2019: Axxxxx – [axxxxx@](#). Axxxxx would like a presentation for a banquet, I notified Presenters. (Theresa Tweet)
5. Classroom Presentation - 1/6/2019: Cxxxxx - [Cxxxxx@](#) Would like a presentation, unfortunately her school is in Duluth. I contacted the students for their input, and no one responded. (Theresa Tweet)
6. Rock Identification – 1/1/2019: Axxxxx - [cxxxxx@](#) I recommended the Macalester Lab, one of the GSM Seminars, or taking to a trusted rock shops and provided the links. (Theresa Tweet)

7. Cub Scout Den wishing to attend Macalester Lab – 12/20/2019: Mxxxxx - [mxxxxx@](#) Theresa contacted Jeff and he is looking forward to seeing the group at the GSM Lab. (Theresa Tweet) Mxxxxx later changed her mind about bringing her group of scouts to the Lab.
8. Gift Membership/Donation –12/19/2018: Sxxxxx - [sxxxxx@](#). (Dave Wilhelm)
9. Adding a Mohs Scale of Metal Hardness to our links page - 12/18/2018: Axxxxx - [axxxxx@](#) . Unable to post because it is linked to a business, thanked her and her daughter, and then told her about the Macalester Lab on February 9<sup>th</sup>. (Theresa Tweet)
10. Help Testing Survey for Scientific Events - 11/26 Seminar – 11/18/2018: [sxxxxx@](#) . Lecture Survey. (Steve Erickson and David Wilhelm)
11. Classroom Presentation - 11/20/2018: Lxxxxx - [lxxxxx@](#) (Theresa Tweet) Theresa contacted her twice, but as of yet, has not heard back from Lori.
12. Earthquake Information - 11/19/2018: Dxxxxx – [dxxxxx@](#) . Gave the GSM a site bearing Information on dealing with the aftermath of an earthquake; now on our GSM Webpage. (David Wilhelm)
13. Rock Identification - 11/18/2018: Hxxxxx - [hxxxxx](#). (Theresa Tweet)
14. Agate Field Trips – 11/12/2018: Sxxxxx - [sxxxxx@](#). Travel agent in Waconia was looking for Agate Hunt field trips – the only thing that I could recommend is Moose Lake / Agate Days. (Theresa Tweet)
15. GSM Membership - 10/31/2018: Bxxxxx – [bxxxxx@](#) – Inquired about membership to the GSM. (David Wilhelm)
16. Rock Identification - 10/24/2018: xxxxx – [Hxxxxx@](#) - (Theresa Tweet)
17. Group Tours / Agates - 11/12/2018 – Sxxxxx – [Sxxxxx@](#) Information about group tours to find agates, I had no information to share with her. (Theresa Tweet)
18. Rock Identification - 11/13/2018 – Jxxxxx – [jxxxxx@](#) . (Theresa Tweet)
19. Scout Dens hoping to earn their "Earth Rock" Pins - 11/1/2018: Exxxxx – [Exxxxx@](#) "Return Customer," Presentation to two (2) Cub Scout / Boy Scout Troops. In fact, Exxxxx held two presentations to advance two groups of Scout in their Geology Badge 2019. (Theresa Tweet)
20. Geothermal green house in Somalia - 10/22/2018 – Sxxxxx- [sxxxxx@](#) – Sxxxxx stated that he was in the early stages of designing and building a geothermal aquaponics and drip irrigation farm in Somalia. I could find no information on him. Theresa did a follow-up after finding his name and Harvey suggested that he should be looking for an engineer. (Dr. Thorleifson)
21. Layers of Rock – 10/22/2018: Cxxxxx – [8xxxxx@](#) – represented a group of students who are doing a project on the different layers of rock formed at Minnehaha Falls. (Justin Tweet)

22. Rock Identification – 10/29/2018: Sxxxxx - [sxxxxx@](#). (Theresa Tweet)

23. Esker in Golden Valley – 10/13/2018: Mxxxxx - [Bxxxxx@](#) – In 2015, someone at GSM sent an email with an aerial photo of an esker in Golden Valley. Now I have a couple of people interested in exploring it, Mxxx wanted more information as to where it was located. (Dave Wilhelm)