



PICK & SHOVEL

June 2018, Volume 60, Issue 10

Editor: Sharon Marburger

2018 MEETINGS AND ACTIVITIES

General Meetings:

Regular monthly meetings are held at 7:00 p.m. at the Bethany Park Shelter House. Youth activities begin at 6:00 p.m.

No meetings in June, July, or August.

- September 20
- October 18
- November 15
- December 2 (Christmas Party)

Board Meetings:

Board Meetings, unless otherwise stated, begin at 6:30 p.m. on the first Wednesday of the month, at the home of Vera Lyman.

- September 5
- October 3
- October 31 (November meeting)
- December 5

Activities:

June 29-July 1, 2018:

Camping and collecting trip to the Fairbury, Nebraska area. See details on page 3.

July 20-22, 2018:

Western Dakota Gem & Mineral Society/Rocky Mountain Federation Show in Rapid City, South Dakota. See details on pages 4 and 5.

PRESIDENT'S MESSAGE

by Jayne Beer

Greetings, fellow rockers!

I am hoping that you are all making plans for some rock adventures. Remember that Saturday, June 2nd is Grillfest in Fairbury, 11 a.m. to 2 p.m. at 1128 Elm Street.

Sunday, June 3rd is the Omaha club's rock swap from 10 a.m. to 4 p.m. at the Seymour Smith Park, in Omaha.

At this time, we do not have a monthly rock party scheduled. Please let us know if you want to host a party at your house or business.

Don't forget the field trip at the end of June. There will be camping, and rock collecting, and eating, and other shenanigans! I hope you are making plans to join us. See the updated information in this issue of the Pick & Shovel.

If that isn't enough going on in June, make plans to go on a collecting trip of your own and send Sharon pictures and a story telling of your adventures for the Pick & Shovel.

I would like to thank all of our fine members who showed up at the May 10th meeting, (when was it? May 10th!), making it a very fun meeting! Thanks to Teresa Rowan for sharing the great information about Rockhounding in Wyoming. It was a banner meeting show and tell; so many interesting things being found. I very much hope that we can continue to have great turnouts like that. There was so much talking and laughing going on that I really hated to interrupt for that silly meeting that we had to have.

One of the matters that came up at the meeting was a proposal to give up doing roadside clean-up. There was no objection to this change at the meeting when it was announced. There will be a discussion and vote at the September meeting to make it official. Be there to make your voice heard.

The club does need some type of volunteer activity, so if you can think of a good replacement option, please let the Board know or bring your suggestion to the September meeting.



Carolyn Ashmore

Jayne Beer

Bruce Collamore

Ellie Lyman

Ed Ridge

(Continued on page 6)

MAY BOARD MEETING MINUTES

By James Marburger, Secretary

Board Meeting, May 2, 2018, Lyman residence.

Meeting called to order at 6:40 p.m. by President Jayne Beer.

Jayne Beer, President	Present (non-voting)
Charles Wooldridge, 1st VP	Absent
Ed Ridge, 2nd VP	Present
Vera Lyman, Treasurer	Present
James Marburger, Secretary	Present
Ed Dvorak	Present
Corey Beer	Present
Carolyn Ashmore	Absent
Paul Ashmore	Absent

Guests: Sharon Marburger, Pat Dvorak

Minutes of last meeting were given out. Motion to accept by Ed D., second by Corey. Passed: 5 yes, 0 no.

The Treasurer's Report was given out. Motion to accept by Ed D., second by Ed R. Passed: 5 yes, 0 no.

Old Business:

Motion by Jim to take to the general meeting group the question; do we as a club want to continue the roadside clean-up? Attendance at the event is dropping and the ages of those participating is going up. Second by Ed D. Passed: 5 yes, 0 no.

Jim has offered to lead the South Dakota Field trip. If anyone wants to attend, please contact him soon. He will also have more information in the next Pick & Shovel.

New Business:

Motion by Jim to purchase new tires for the club trailer, second by Ed D. Passed: 5 yes, 0 no. Discussion about the tires included the observation that the treads are cracked around the tires. Normal replacement of tires is about 7 years and those currently on the trailer are nearly 18 years old. Will set up appointment to replace tires as it gets closer to the 2019 show.

Show business was discussed. The evaluation sheet for the Event Center was filled out and will be returned to them.

The 2021 Show dates have been reserved. Normal 3 years in advance reservation.

Motion to adjourn the meeting by Corey, second by Jim. Passed: 5 yes, 0 no.

Meeting adjourned at 8 p.m.

MAY GENERAL MEETING MINUTES

By James Marburger, Secretary

General Meeting May 10, 2018, Bethany Park Shelter

Meeting called to order at 7:00 p.m. by President Jayne Beer. 21 adult members, 7 youth members, 4 guests.

Minutes were published in the Pick & Shovel. Charles Wooldridge moved to accept them as published, second by Bruce Sturgis. Passed.

Treasurer Report was read by Vera Lyman. Motion to accept the report by Ed Dvorak, second by Corey Beer. Passed.

Old Business:

Roadside clean-up had 11 people picking up trash and we collected 30 bags of trash. The rock party followed the clean-up and much fun and good food was had.

June 2 is the rock show and GRILLFEST events in Fairbury, Nebraska.

Our Camping and Collecting Field trip is set for June 29 to July 1. Check the Pick & Shovel for details.

The Rocky Mountain Federation Convention and Gem Show in Rapid City, SD will be in July. Jim Marburger will lead the trip and will have more information in the Pick & Shovel as it becomes available. Please notify Jim if interested.

Does anyone want to host a rock party this summer?

New Business:

From the Board of Directors, it was proposed to the general membership the question of continuing the Roadside Clean-up or change to something else for the club to be involved with. A discussion was had. The subject will be brought up at the September meeting for a vote.

E-Bear has come back home from the Midwest Federation spring meeting via the Marburgers. He is visiting our club to raise funds for the Endowment Fund. He has some large pockets that need donations.

Door Prizes were picked and winners were happy with the items.

Brett Jurgens will be going to Wyoming for collecting July 6 – 14. If you want to go, contact him for information.

Motion by Jim Marburger to adjourn, second by Ed Dvorak. Passed.

Meeting adjourned to refreshments and to the program by Teresa Rowan on rock collecting in Wyoming.

UPDATED INFORMATION ON SOUTHEAST NEBRASKA CAMPING AND FIELD TRIP

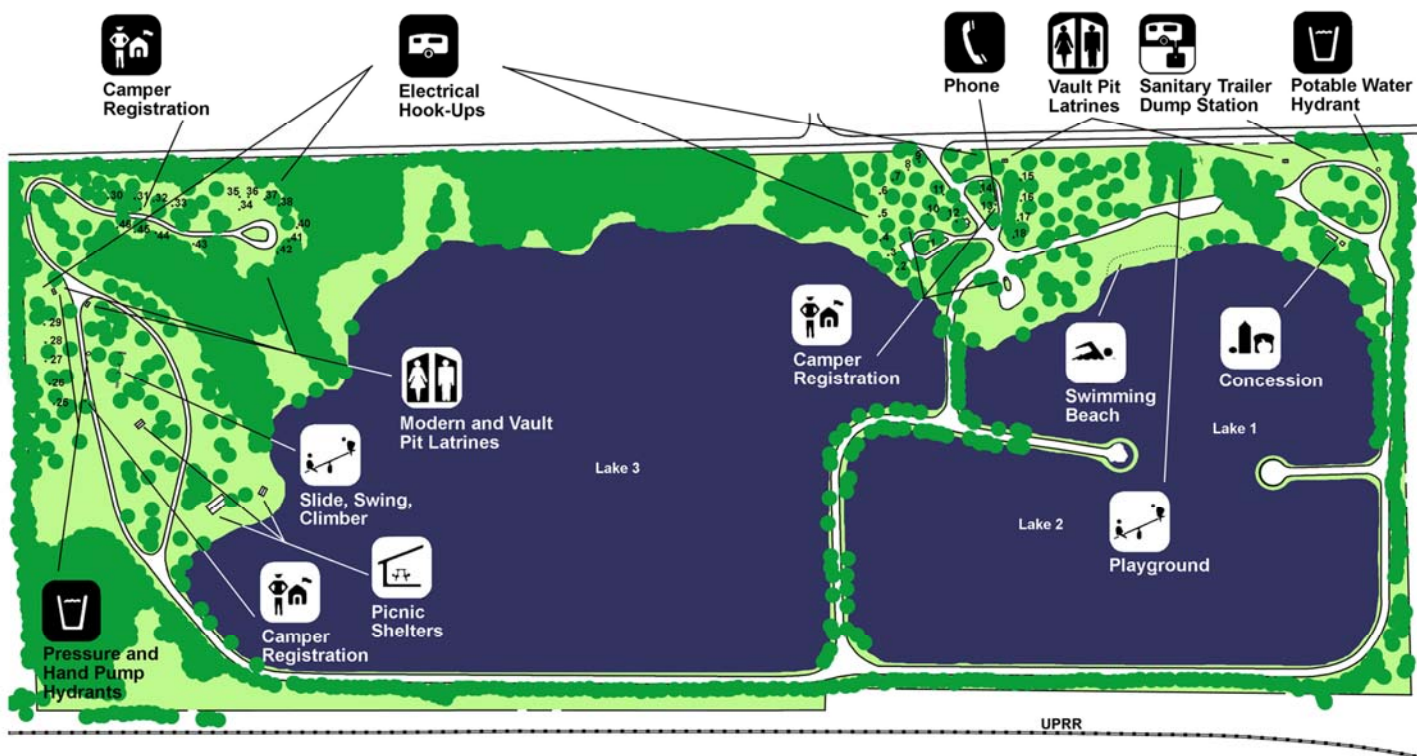
By Charles Wooldridge and Sharon Marburger

The trip is scheduled for June 29 and 30, and July 1. We will set our base camp at Alexandria Lake State Recreation Area near Fairbury, Nebraska. Camping at Alexandria requires a State Park Permit. The annual permit costs \$31; daily permit costs \$6. I believe there is also a camping fee per night of \$8 for primitive spots, up to \$35 for fully functional spaces. The modern campground has plenty of shade trees and offers 40 sites with 30-amp electrical hookup, 5 sites with 50-amp electrical hookup and 8 sites without electricity. The campground offers water, modern restrooms, playground and dump station. We don't know if the trip being so close to the 4th of July will be a problem for camp sites, so consider making a reservation. Call 402-471-1414 9 a.m. – 6 p.m. (CT) Monday through Friday to make your reservation. There is good fishing in the lake and nearby river. If you choose to fish, you will need to purchase a fishing license, too. The park also has a small concession with hamburgers, shakes, and so forth.

Should you choose to use a motel, the closest and most economical one is the Capri Motel in Fairbury at \$40 a night single.

Possible field trips include: two museums in Fairbury; river hunting on the Little Blue River or Big Sandy Creek; a Pony Express Station and museum near Hanover, Kansas; a museum in Riley, Kansas; barite crystals known as "Odell Diamonds"; fossils; and more.

Take your Who's Who with you. You can call Wooly to find out where the group is set up to camp.



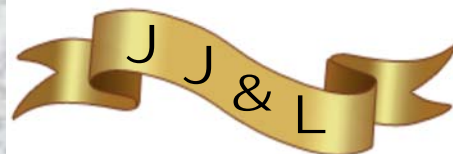
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UPDATE ON JULY FIELD TRIP TO RAPID CITY, SOUTH DAKOTA
WESTERN DAKOTA GEM & MINERAL SOCIETY SHOW
AND ROCKY MOUNTAIN FEDERATION CONVENTION

By Sharon Marburger

The Western Dakota Gem and Mineral Society will be hosting its 38th Annual Gem and Mineral Show in conjunction with the Rocky Mountain Federation of Mineralogical Societies' Annual Convention on July 20 through July 22, 2018. All show events will be held inside the Rushmore Plaza Civic Center Barnett Arena in Rapid City, South Dakota. Admission to the show is \$4 per day, children 12 and under are free with adult. The club is advertising presentations (speakers), special events, and children's activities, in addition to the usual show fare of dealers and demonstrators.

To view the Arena and downtown Rapid City events:
<https://www.gotmine.com/plan-your-visit/directions-parking>

Printable Badlands, Black Hills and Devil's Tower maps:
<http://blackhillsbadlands.com/maps>

Additional information is available at the Visitor's Information Center:
<http://blackhillsbadlands.com/business/black-hills-visitor-information-center>

There is a lot of information to be found at the above websites. Take a look!

FIELD TRIPS BEFORE AND AFTER THE SHOW

Wednesday July 18, 2018 – Antelope Ridge

This is an easy walking area and is very accessible from the road. You will find sponge coral on this field trip. Departure time to be determined.

Thursday July 19, 2018 – Black Hills National Forest / Hill City area

This field trip is centered around the Hill City region, in the Black Hills National Forest. It consists of two parts where each part explores distinct geological activity all within several mile radius.

The first stop will be Blackberry Trail. This is a contact metamorphic region where most of the Cambrian rock has been upthrust and metamorphosed through heat and pressure. One should expect to find pyrite, feldspar, mica schist, mica and biotite as well as some other metamorphic materials along a stream bed. The trails are somewhat rugged. Hiking boots and jeans suggested.

The second stop will be sand caves. Aptly, no formal name for the spot, but a favorite where trilobites of Cambrian origin can be found. Several short, interconnected caves are present and some rough terrain hiking can be had. Hiking boots and jeans suggested; bring a high intensity flashlight for photography. The rally point will be the Civic Center parking lot at 8 a.m. Expect to depart by 8:30 a.m. Maps will be handed out prior to departing.

Monday July 23, 2018– Railroad Butte/Farmingdale

Farmingdale is about 25 minutes east of Rapid City and is part of the National Grasslands recreation areas. You will be able to find prairie agates and possibly one of those elusive Fairburn agates, coral, petrified wood, chalcedony and other treasures. The area is accessible by car, but if the weather has been on the wet side, you will want to make sure that you keep your vehicle on the trails or in the gravel parking areas.

Remember to bring water for drinking and a spray bottle with sufficient water to bring out the 'color' in your finds. Sturdy shoes and jeans are also recommended. We will meet at the Civic Center at 8 a.m. and depart at 8:30 a.m. Maps will be provided at the Civic Center on the day of the field trip. If you have a smart phone and would like to download a map of the National Grasslands area, download the "Avenza" app and download the Buffalo Gap NG – Fall River Ranger District MVUM map.

(Continued on page 5)

Silversmithing classes

**Tuesday Evenings
7:00 p.m. - 10:00 p.m.**

**The Jewelry Connection Ltd.
Indian Village Shopping Ctr.
13th & Arapahoe, Lincoln**

Tuition: \$130 plus \$30 supply deposit

Schedule for 2018

Session 3: May 1 - Jun 19, 2018

Session 4: Aug 14 - Oct 2, 2018

Session 5: Oct 9 - Nov 27, 2018

**Contact: Jayne Beer 402-890-3307
Judith Bay 402-423-7058
jbeer60070@aol.com**

UPDATE ON JULY FIELD TRIP TO RAPID CITY, SOUTH DAKOTA - CONTINUED

(Continued from page 4)

Tuesday July 24, 2018 – Conata

Some of the things you will be able to find on the field trip to Conata Basin are prairie agates, petrified wood, Fairburn agates, coral and a lot of other beautiful rocks. Meeting time has not been determined. More information forthcoming.

Be safe and be kind to the land. Bring water to drink, food to eat, chairs to rest, sunscreen to not burn, tools, buckets and anything else you might need.

Other Ideas and Activities

There are several caves in the area that offer tours: Black Hills Caverns, Jewel Cave, Wind Cave, Rushmore Cave, and others. The tours range in price, but it could be a fun thing to do on a hot day, since most of the caves hold a temperature of around 50° Fahrenheit.

South Dakota School of Mines & Technology in Rapid City has a museum of geology with free admission. If you plan to visit, please note it is closed on Sundays. Also in Rapid City is Dinosaur Park.

Hill City boasts of the Black Hills Institute of Geological Research, which specializes in paleontological excavations.

Badlands National Park is a surreal place to visit. We enjoyed the different formations and colors when we visited several years ago.

Perhaps you'd rather escape to the wild west. Take a stroll down Main Street in historic Deadwood, a former mining camp that drew prospectors, outlaws, and larger than life characters, such as Calamity Jane and Wild Bill Hickok. And don't forget the Adams Museum, where artifacts and exhibits offer fascinating history lessons.

Maybe you'd rather enjoy some natural beauty and peacefulness. Spearfish, South Dakota offers birdwatching, wildlife viewing, hiking, fishing, and picnicking. A short walk leads you to a couple of beautiful waterfalls.

Something not hobby-related, but a fun thing for any train enthusiasts is the 1880 Train. It departs from both Hill City and Keystone. The ride is one hour each way. Passengers may select both their departure and return times, allowing the opportunity to get off at the first destination and stay a little while before returning to the original location. An immediate round trip allows for a 15 minute layover, so just enough time to use the restroom if needed. The 11:15 a.m. and 5:00 p.m. Keystone round trip rides allow for a one hour break, making the round trip a 3 hour ride. A return time is required at the time of purchase.

Should you decide you'd like to hit the Crawford, Nebraska area on the way home, you can also stop at the Mammoth Site at Hot Springs, South Dakota. It is an easily accessible place to visit, with an indoor working paleontological dig site and accredited museum. Entry fee

ranges from \$7.37 to \$10.14, depending on age and situation.

If you have an interest in hunting around the Crawford area, please let Jim Marburger know so he can plan accordingly.



July

	HILL CITY DEPARTURES					KEYSTONE DEPARTURES				
	7:30 am	10:00 am	1:15 pm	3:45 pm	6:45 pm	8:45 am	11:15 am	2:30 pm	5:00 pm	8:00 pm
17-19	RT	RT	RT	RT	RT	RT	RT	RT	RT	OW
20-21	RT	RT	RT	RT		RT	RT	RT	OW	
22	RT	RT	RT	RT		RT	RT	RT	OW	
23	RT	RT	RT	RT		RT	RT	RT	OW	
24-26	RT	RT	RT	RT	RT	RT	RT	RT	RT	OW

DAILY RUNS (One hour each way)			
	ROUND TRIP STEAM		ROUND TRIP DIESEL
	ONE WAY STEAM		ONE WAY DIESEL
	DIESEL TO HILL CITY, STEAM RETURN TO KEYSTONE		
	SHUTTLE FROM HILL CITY TO KEYSTONE FRIDAYS-MONDAYS IN JULY. AVAILABLE ONLY FOR 5:00PM OW KEYSTONE DEPARTURE PASSENGERS		

2018 RATES

	One Way	Round Trip
Adult:	\$24.00	\$29.00
Child: <small>(ages 3-12)</small>	\$12.00	\$14.00
Under 2: <small>(ages 3-12)</small>	FREE	FREE

COMMUNITY SERVICE: ROCK AND FOSSIL PRESENTATIONS

By Nancy Akins (photo provided by Nancy)

On April 15, Miss Claire Benne was given a rock and fossil presentation for her 4th grade class as part of her birthday celebration. We touched on the Mohs scale of Mineral Hardness and a piece of talc was passed around for all to scratch with their nails. Their class had been studying volcanoes, so igneous rock samples, along with sedimentary and metamorphic, were viewed and of course, the old favorite, baking soda and vinegar volcano. One of their favorites was the comparison of Lodestone and man-made magnets. Like all children, they showed a great deal of interest in all of the fossils and, what child doesn't like rocks?



By Nancy Akins (photo provided by Nancy)

On April 17, 2018, I did a Rock and Fossil Presentation for Step-Ahead Child Care and Preschool in Clive, Iowa. A very attentive group thoroughly enjoyed seeing and handling all of the different rocks and fossils. The Megalodon Tooth and Iron Pyrite were among the favorites. Coprolite was also in the running.

I had done a presentation for the 4th grade class at Maple Grove Elementary in the Waukee School District. When little sister (Graclynn Benne) heard about it, she wanted one at her school, too. How can a great-grandma say no?

It is always a toss up; who is having the most fun - grandma or the kids?



PRESIDENT'S MESSAGE - CONTINUED

(Continued from page 1)

Don't forget about the big field trip in July, going to the Rocky Mountain Federation Show and field trips in the Rapid City, South Dakota area. Jim and Sharon Marburger have been working to gather information about this trip; finding optional places for our club to go collecting or just some other "touristy" things to do. You can find an update on this trip inside this Pick & Shovel. If there is somewhere in particular you would like to go on this trip, let Jim know. He will try to work it in to the schedule.

I hope our paths cross this month. Cheers!

Some Beer finds



Some Wyoming finds



Photos by Jayne Beer



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All members are encouraged to submit features, articles, poetry, or drawings.

LONG RANGE PLANNING & BY-LAWS COMMITTEE

Ed Dvorak, Chairman

- 1 year: Charles Wooldridge
Sharon Marburger
2 years: Vera Lyman
Jim Marburger
3 years: Pat Dvorak
Robert Gritmit

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2 years: Jim Atkins
Andrew Tiedje
3 years: Linda Guenter
Vera Lyman

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Ed Dvorak, Jayne Beer
James Marburger

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Edward Ridge

Facebook:

Andrew Tiedje, James Marburger

Field Trips:

James Marburger

Historian:

Sharon Marburger

Legislative Liaison:

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MWF Liaison:

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Jayne Beer, Charles Wooldridge

Property:

James Marburger

Recognition/Awards:

Charles Wooldridge,
James Marburger, Ed Dvorak

Refreshments/Door Prizes:

Vera Lyman

Roadside Clean-up:

James Marburger

Scholarship:

Vera Lyman

Show—2018:

Jayne Beer

Swap—2019:

Sharon Marburger

Website:

Jim & Sharon Marburger

Youth Activities:

Carolyn Ashmore, Cindy Ramey

2019 SHOW COMMITTEE

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Demonstrators: Vera Lyman
Displays:..... Jayne Beer
..... Ed Ridge
Event Center Liaison Vera Lyman
Finance & Ticket Sales:..... Jim Atkins
..... Vera Lyman
Floor Chairman: Ed Dvorak
..... Jayne Beer
Fluorescent Booth: Ed Dvorak
Forms.....Sharon Marburger
LGMC Club Booth:.....Charles Wooldridge
Nebraska Gem Dig:Charles Wooldridge
Plants:Ed Ridge
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Youth Activities: Carolyn Ashmore,
..... Cindy Ramey

ADVERTISING, SUBSCRIPTION, AND MEMBERSHIP INFORMATION

Advertising by rock / hobby business or interest is permitted with the approval of the Board of Directors. Contact the Editor with your proposed ad. The rate is set at \$20.00 per full page; \$10.00 per 1/2 page; \$5.00 per 1/4 page (minimum) per issue, paid in advance to the Club treasurer. Ads will be placed throughout the newsletter as space permits.

Subscription to the Pick & Shovel is \$20.00 per year for mailed copy.

Membership dues for the Lincoln Gem & Mineral Club are as follows:

- Adults (age 16 and over) - \$20 per year or \$30 per couple (within the same household)
- Juniors - \$3 per year (with a responsible adult)

All new memberships must be accompanied by a written application. Prospective members must gain Board approval and attend one regular meeting before being approved for membership. Applications are available on the website: <https://www.lincolngemmineralclub.org/about/membership>.

Mail Exchange Newsletters to:

Lincoln Gem & Mineral Club, Inc.
P.O. Box 5342
Lincoln, NE 68505-0342

Or e-mail newsletters to:
lgmc.editor@outlook.com



A color version of the Pick & Shovel is available at:
<http://www.lincolngemmineralclub.org/index.php/newsletters/current>

PICK & SHOVEL

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All articles, tidbits, and photos not individually identified as being contributed to this publication are provided by the Editor.



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a member of
Special Congress
Representing Involved
Bulletin Editors**

The purpose of this corporation shall be to study, promote an interest in, and disseminate knowledge of lapidary and various Earth Sciences including but not necessarily limited to Geology, Paleontology and Mineralogy. It shall be a particular purpose of the corporation to provide education in these fields to its members and the general public, especially to youth and student groups.