



THE MINERAL VEIN

Official Newsletter of

THE MINERAL SOCIETY OF MANITOBA

November 2018

RECOGNITION AND THANK YOU TO OUR VOLUNTEERS AND SUPPORTERS

By Jack Bauer and Carrie Carino

THE SILVER COVE SHOW in early 2018 was a great success and brought in new members that we can share the love of Minerals with. This also helps the Mineral Society show case our Fluorescent display and get it out to the public. Thank you to all the volunteers that came out for this event, this event would not have been possible without you. A big thank you to Derrick, Danial, Jack, TJ, and Brigitte for helping at this event you all did an amazing job. THANK YOU!

STEEP ROCK is such a beautiful place right here at home in Manitoba and has so much to offer mineral hunters. Everyone who came, enjoyed the Steep Rock field trip. Thank you to Jack Bauer for his hard work, putting this field trip together. I would also like to extend a big thank you to Derrick and his grand mother Jane out at the Steep Rock Beach campground. All the members that participated, enjoyed the field trip, that was so much fun. It was also a good fact finding trip, for future trips, in the area

A Thank You to, Cornell Rock, for supporting the Mineral Society with his donation of Minerals, petrified wood and Conch shells. He will be working on a mining project for a while in South America. Good Luck and best wishes Cornell!

A Thank You to Yvonne Searle, for her donation, of assorted minerals.

We would like to thank the newest friend of the Mineral Society, Lars Stoltz, For his donation of drill cores from Snow lake. Lars is a Tradesman and Artist and does contract work for some of the Mining companies in the area.

ARCHEOLOGY AND MINERALOGY WEEKEND where our fluorescent mineral collection was display and handed out minerals to enthusiastic youths such as Demitri future Paleontologist (*pictured below*). A big thank you to Jack and Brigitte for volunteering for this event and thanks to Jacques for having us out at Oak Hammock Marsh.

From left: Jack Bauer, Dimitri Delic and Jacques Bourgeois



SCHOOL PROGRAM SUMMARY

shared by Josh Myers, Jack Bauer and Yvonne Searle

This was a busy year for everyone. We had about 13 school presentations this Spring/summer. Josh was only able to do 4 of those presentations, as his job was taking him out of town a lot. I helped out by doing about 6 of those presentations. Yvonne Searle helped out by doing two of the presentations.

In most cases the presentations went well, except when one school put two classes together, for a total of over 40 children. This was a hectic experience trying to do it all in less than an hour, for all involved. The best experiences happened with the smaller classes of 12 to 14 students. They had more time to get involved by handling the specimens and asking questions. When I brought out my Fluorescent specimens the class became so intrigued, they took many pictures. The teacher was so impressed by her class's enthusiasm that she went online and ordered each student their own UV light. This presentation was rewarding for everyone involved and well worth the time!

The glue cards are temporarily suspended. We are having difficulty getting certain minerals and the glue cards are in dire need of upgrading

THE MINERAL SOCIETY OF MANITOBA

c/o The Manitoba Museum
190 Rupert Avenue
Winnipeg, MB, R3B 0N2

mineralsocietyofmanitoba.weebly.com

The 2017-2018 Executive:

President

Carrie Carino, *ph. 204-293-1715*

Vice President

Danial McKay *ph. 204-510-2443*

Secretary:

Iris Moehring, *ph. 204-669-0963*

Membership / Treasurer:

Michael Dickman, *ph. 204-231-9544*

Field Trip:

Jack Bauer, *ph 204-632-6934*

Newsletter Editor:

Jacques Bourgeois, *ph. 204-467-3282*

Website:

Josh Myers, *ph. 204-330-0076*

Members at Large:

Jack Bauer, *ph. 204-632-6934*

Chris Lammers, *ph. 204-488-0087*

Yvonne Searle, *ph. 204-663 6637*

Michael Way, *ph. 204-232-1437*

School Programs

Josh Myers, *ph. 204-330-0076*

The Mineral Vein is published monthly from September to June.

Meetings are held on the first Wednesday of each month from September to May inclusive at the Manitoba Museum in room P47 on the Planetarium level. They begin at 7:30 PM and feature announcements, an invited speaker and a raffle. Members are encouraged to bring along any new, interesting specimens, or specimens appropriate to the speaker's topic.

Field Trips take place from May to September to interesting sites in Manitoba or neighbouring provinces and states.

Membership: A single membership is \$15 while a family membership is \$20. Memberships run from October to October.

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UPCOMING EVENTS

NOVEMBER 07, 2018 MSM regular monthly meeting begins at **7:30 p.m.** at the Manitoba Museum. The meeting will begin with the AGM and then will be followed by a Mineral trade night. (*cont. on pg 3*)

NOVEMBER 22, 2018: The CCMEC convention put on by the MPDA at The Victoria Inn. (*cont. on pg 3*)

DECEMBER 02, 2018 we will be celebrating the holiday season at Altos Canad Inns Polo Park at 5pm. We will be located in room just outside the Altos restaurant. We will have our famous auction hosted by the fun and knowledgeable Tony Smith.

To ensure our auction is a success we ask that members please donate some mineral specimens or other items to be auctioned off. We will have a sign-up sheet out at the Nov meeting or contact Jack Bauer or Carrie Carino if you are interested in attending.

JANUARY MEETING: MSM regular monthly meeting begins at **7:30 p.m.** Speaker will be announced shortly. This meeting should be on January 2, 2019, we may postpone it till January 9, 2019. We will discuss this at the Nov meeting.



Founded in 1971, the Mineral Society of Manitoba is dedicated to promoting the study of minerals, rocks and fossils for their scientific and recreational value. The Mineral Society of Manitoba hosts monthly meetings covering a variety of mineral related topics. In addition, the Mineral Society organizes summer field trips to collecting localities, and hosts educational exhibits about minerals and fossils.

Volunteer opportunities

The Mineral Society has been invited to join in the first ever CCMEC convention. This event is on Thursday Nov 22, 2019 at The Victoria Inn on Wellington for the day. We are looking for 1 more volunteer for this event. Perks for your time include access to the full day of networking, a luncheon, bar privileges and possible networking opportunities, with delegates. We will have our fluorescent display out, for this event. Volunteers will be responsible for representing the MSM and help take the display down. Someone needs to be at our display, at all times. Please let Jack Bauer know if you are interested in attending this event.

GUEST SPEAKERS WELCOME!

Do you or someone that you know have an interesting Earth Sciences subject?, and would like to present? Please contact our executive to make arrangements and discuss subject matter. All of our guest speakers, receive a one year complementary membership.

Two volunteers needed, to help Jack Bauer, with research and organizing of field trips and guest speakers. This would be a good opportunity for someone to learn what is involved with organizing and promoting successful Field trips or guest speaker presentations.

Field trip review, 2018

By Jack Bauer

Our first scheduled trip, Gillis Quarry, did not happen, due to a frozen water supply. Danial took the field trip attendees to a pit out near Notre Dame De Lourdes, where they were able to collect some nice Septarian nodules and some of them fluoresced nicely under longwave UV light. The scheduled Stoney Mountain trip did not happen due to unknown circumstances. The planned, Floodway Selenite dig was postponed to 2019, due to this author's busy schedule this year. Steep Rock trip of 2018 was organized to coincide with our Winnipegosis trip (2019 season) where we will be exploring, Middle to upper Devonian exposures.

NOVEMBER MSM Meeting *(cont. from pg 2)*

This meeting will include the AGM as we had a low turn out due to weather at the Oct meeting. This will be before the trade night.

This meeting will also have the fun and exciting trade night after the AGM. This is an opportunity to trade some of the minerals collected over the year and share your specimens or stories with other members. Bring your minerals for display or trade to get involved and have some fun. This is a good opportunity for those members who are growing their collection and for those that are downsizing their collections. Jack Bauer will set up a Selenite cleaning station, as it did not happen at our last meeting. Bring in your Selenites and I will help you clean them. Refreshments and snacks will be served.

PLANNED FIELD TRIPS 2019

By Jack Bauer

- **Gillis Quarry**, Spring, Paleozoic Fossils
- **Notre Dame De Lourdes**; Septarian nodules
- **Wallace building**, U of M. Geology building tour (Spring)
- **Selenite dig**, Red River Flood way (August/September?)weather permitting
- **Snow Lake**; due to the long drive, this would have to be a min. 3 or 4 day trip
- **Manitoba Museum**, behind the scenes tour of new changes, Fall, Tentative
- **Souris, MB**
- **Winnipegosis**; Middle to upper Devonian, Fossils
- **Bancroft area trip**; would be subject to interest. Multi day trips will be subject to interest generated. I will create a Field Trip signup sheet, so we can gauge the membership interests. Watch for it at a future meeting.



Complete Crinoid, The Joe Webb peoples museum & collection, Wesleyan University, CT

MINERAL COLLECTING AROUND THE WORLD AND WHAT MANITOBA HAS TO OFFER

By Jack Bauer

Mineral collecting is a popular hobby around the World. The largest Gem, Mineral and Fossil Show/Symposium, happens in Europe. As a hobby, Mineral collecting is rated as one of the top two hobbies in Europe. In the United States, Mineral Collecting is rated in the top 10 most popular hobbies and they host the second largest Gem, Mineral and Fossils Show in the World. In Canada, collecting as a hobby, does not even rate in the top 20 most popular hobbies.

The reason that Mineral collecting is so popular in Europe, from my understanding, is that enthusiasts are allowed access to the piles of waste rock that the Mines produce. In Europe, it is an inexpensive hobby as fees are minimal and Liability is not as big an issue as it is here.

Yes, it is more complicated, sometimes to gain access in Canada or in Manitoba. It helps to network in the right environment, where the prospectors and mine owners do their networking. In Manitoba, the best opportunity is the CCMEC- the first ever, Central Canada Mineral Exploration Convention.

(CCMEC information on pg 3)



Selenite, Manitoba Floodway from the collection of Jack Bauer



Selenite, Manitoba Floodway from the collection of Jack Bauer

I view Mineral collecting in Manitoba as an unexplored opportunity that most Mining companies overlook. Mineral hot spots are usually small and easy to miss. If the base metals are of insufficient quantities, most companies will move on. Here is the delicate stage of finding out if “the company “is concerned about it’s public image and if you can demonstrate that you can promote them in a positive light. This will definitely improve your chances of gaining access. Geologically speaking; Manitoba has a lot to offer, showing significant exposures of almost every geological time period except the Cambrian. Each Period of time can yield its own group of minerals or fossils. In Manitoba’s East and North, pre-Cambrian collectible minerals can potentially be found where ever Pegmatites, Volcanics sedimentary and Granites are in close proximity. Moving West and South, the Ordovician and Devonian, contain many fossiliferous formations. The Cretaceous Period also has many exposures that have produced fossils of many giant sea creatures. Minerals, such as Selenites and pyrites can also be found in this period. The down side is that some of the best collecting in Manitoba, may be more than a 2 hour drive from Winnipeg. The plus side is that there are not that many people out there scouring the back woods. I find it interesting that some Mineral collectors from the United States view Manitoba as virtually unexplored. Some may be deterred. But to me, that means there are more opportunities in Manitoba, left to be found.