



THE MINERAL VEIN

Official Newsletter of
THE MINERAL SOCIETY OF MANITOBA
JUNE 2022

ANNUAL BBQ, Sunday June 10, 2022

The annual MSM pot luck BBQ will be held at Carrie's place at 698 Rossmore Ave, West St. Paul, before the perimeter between Main and McPhillips, from 2-5pm. Parking will be available.

The MSM will provide vegetarian sliders, regular sliders, hot dogs with all the toppings and beverages pop/water/ice. Members can bring a dish to share or if you have dietary restrictions.

This is a great event for trading, selling or to show and tell your interesting minerals. Please limit specimens to 3 or 4 trays. Tables will be available. Contact Carrie to confirm your attendance for the BBQ— rccarino08@gmail.com or 204-293-1715 (text or call)

MAILING ADDRESS ANNOUNCEMENT

Due to the changes at the Manitoba Museum, the MSM has had to make some adjustments, please send all membership cheques payable to:

THE MINERAL SOCIETY OF MANITOBA INC.

Suite# 132

25-1128 HENDERSON HWY

WINNIPEG, MANITOBA, R2G 3Z7

IMPORTANT NOTICE

MEMBERSHIP DUES; The MSM will not be accepting memberships during the summer field trip season. Membership renewals will resume at our next meeting, on September 14, 2022. We will be looking for renewals for the 2022-2023 season then.

Members who are in good standing and are interested in participating in the Red River Floodway Dig should register with Jack Bauer, before coming to the pit.

State the days that you would like to come and collect. If you are a dealer or working for a dealer, you will be required to advise Jack about this concern!

Demand for collecting spots are high and some members who are planning to dig every day, may be limited to 6 hours of collecting per day.

All members MUST READ and FOLLOW all of the attached etiquette rules and safety regulations.

NOTE; GYPSUM CRYSTAL DIG AND RAIN

While in the pit, any threat of rain can and will immediately shut down the dig. The amount of rain that falls will be critical, because of the dirt/clay road, that provides access to the dig site- DO NOT attempt to use the access dirt road if it is raining. A heavy rain fall can block access or escape from the pit, in less than ten minutes. If the Safety Officer asks members to suspend collecting activities, we expect members to comply immediately. If the rain blows over the site, we can always return and resume collecting. Rain is not always a bad thing. Yes, when the clay gets wet, it will stick to you, get heavy and it will get messy. However, on the positive side, collecting will actually become easier. The clay will be softer, easier to skewer and remove.

THE MINERAL SOCIETY OF MANITOBA

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Vice President

Jack Bauer ph. 204-632-6934

Secretary:

Vacant

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The Mineral Vein is published monthly from September to June.

Meetings are held on the second Wednesday of each month from September to May inclusive at the St. James Legion on 1755 Portage Avenue. They begin at 6:30 PM and feature announcements, an invited speaker and a raffle. Members are encouraged to bring along any interesting 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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OVER THE SUMMER TILL, SEPTEMBER 14TH MEETING.

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UPCOMING EVENTS

SOURIS FIELD TRIP; Saturday, July 9th, *contact Peter Harms*

MSM SPRING BBQ, POT LUCK AND TRADE, Sunday July 10th, from 2-5 at Carrie Carino's place.

RED RIVER FLOODWAY DIG, Opening day July 12th contact Jack Bauer

GILLIS QUARRY: weekday, mid-July contact Ken Fumerton

CAT LAKE: Central claim, September ,contact Jack Bauer

METEORITE HUNT; September, tentative

MEMBERSHIP INFORMATION

Please note; Our in person meetings are now at the St. James Legion, 1755 portage Avenue. Meetings will resume in the fall and the membership for 2022-2023 season can be paid.



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, hosts educational exhibits about minerals and fossils and local trade events.

FIELD TRIP UPDATES

Please advise; the Field trip leader, if you are interested in attending any of these field trips.

SOURIS, JULY 9TH, meet @ Petro Can 8.30 am N/E corner McGilvery & Perimeter, to car pool to the Souris Rock Shop for 11.00 am. Contact Peter Harms at 204-338-0968 to confirm attendance.

RED RIVER FLOODWAY DIG; Tuesday, July 12th, weather permitting, hours 7am till 8pm, Register to reserve your spots with Jack; 204-632-6934; advise him of which days that you would like to collect. Please note that some members may be restricted to collecting only half days, if the pit gets busy. If you use the voice mail, speak clearly.

GILLIS QUARRY; July, midweek, Ordovician fossils; Fen Fumerton will scout the quarry (end of June) to confirm collectible fossils are available on the rubble pile. Then set the collecting date. Contact Ken to confirm your attendance and he will advise you of the date; his number is; 204-222-3416

Cat Lake; Central claim; September-October, date is to be determined. contact Jack

Meteorite Hunt; September-October, tentative



MAY PRESENTATION SUMMARY

We had a good turn out for our May presentation and we would like thank our members and our guest speaker for their patience, due to our technical difficulties, that we have been experiencing at the LEGION #4. These concerns should be dealt with by the time we have our next meeting, in September.

Dr. Eva Pip has presented us with another amazing information packed presentation.

DISPLAYING AND STORAGE OF YOUR MINERAL COLLECTION.

Minerals are best enjoyed and appreciated when they are on display. There are many styles of display cabinets that are available, depending on the space and budget, that you have available. Wall mounted cases may take up less floor space and be more reasonably priced. Some floor model display cases are designed to be put in corners or against walls. "Buhler" builds a variety of these curio display cases. They are usually taller and should be secured to the wall, to steady them when opening the doors. A sticky latch, could cause movement of the case, causing specimens to jiggle and fall over. A good place to find Curio display cases, if you cannot afford to buy new, could be at a used furniture store? Extra shelves and lights can be added, but it is recommended that you use properly fitted, hardened or laminated glass shelves and metal pegs.

IKEA has units that could be set up as a combination display and for storage, with drawers. I have had my 4 display units for 10+ years, without incident. However, Eva's research noted that some of their units with glass shelves/doors have unexpectedly shattered, in recent years.

Left; The fanciest mineral cabinet in the World, was commissioned by the King of Sweden (a mineral collector) in 1774. It is currently and conservatively priced at 10 million US dollars.

DISPLAYING MINERAL SPECIMENS

It is not recommended that you place specimens directly on the glass mirrors or shelves. Hard minerals can scratch your shelves. Consider using plastic or wooden bases for specimens. Plastic custom stands can be found in a variety of sizes, shapes and with arms/legs. Acrylic risers can also be considered as a way of maximizing display space and can add depth to the look of your displayed collection.

Types of glues that are recommended; water based glues, wood glue, plasticine and silicone. Crazy glue is commonly used to repair crystals. Plasticine is commonly used to connect specimens to plastic or wood bases and is non permanent.

Shadow boxes lined with a soft lint free material and a clear lid can be used to display special specimens with dramatic effect.

SPECIAL CARE MINERALS

Acidic and Alkaline minerals should never be stored or displayed together.



Sulphide Minerals release acidic fumes, that can corrode other minerals; Molybdenite, Chalcopyrite, pyrite, marcasite, Galena, Sphalerite and Pentlandite: Ni-Fe sulphide, are some examples.

LABELING YOUR MINERAL SPECIMENS

A very important aspect of any good display are Labels that have accurate mineral names and location. This information can add value to your collection. All of the basic and extra specimen information, should be kept in a central location for safe keeping.

Number minerals by applying a spot of white latex paint on the back of your specimens, with the corresponding number, on your label and journal.

SPECIAL CARE MINERAL SPECIMENS

Crystals and stones that may fade or change colour when exposed to direct sunlight for extended periods;

Amethyst, Aventurine, Apophyllite, Aquamarine, Beryl, Celestite, Citrine, Fluorite, Hiddenite, Kunzite, Rose quartz, Sapphire, Smokey quartz, Spirit quartz, Topaz and Turquoise.

Strong sunlight and artificial light in the blue spectrum, are the harshest forms of light, that could cause fading.

LED light is the safest, coolest and most energy efficient light, in the white light to yellow spectrum for displaying your specimens.

Also; Amber (darkens), Apatite (pink), Cinnabar (darkens), Creedite, Morganite, Opal, Realgar (green light), Silver Halides, Sodalite, Spodumene, Tourmaline (pink & red), Vivianite (darkens) and Xanthoconite.

Some minerals are sensitive to humidity, like meteorite slices, that may rust.

Do not wrap/pack pyrite or marcasite in newspaper or cardboard boxes. The sulfur content in these materials can cause these sulphides to oxidize.

Eva Pip has created such a vast and informative presentation and too much to cover in this summary.

We are thankful that she shared this wonderful presentation with us. With some luck, we hope that Dr. Eva Pip would be able repeat this very informative presentation for us, again next year?