



THE MINERAL VEIN

Official Newsletter of
THE MINERAL SOCIETY OF MANITOBA
JUNE 2019



May presentation summary, cont.

We the Mineral Society, hope Cornel will have some free time to spend with us, this summer and share more of his hands-on field experience.

The main presentation encompassed Mineral Shows from around the World. He was out of the country for six months travelling to Europe and Africa. During this 6-month period, he visited and participated in various Mining and Mineral activities and many Mineral Shows. (*cont. on pg. 3*)

MAY PRESENTATION SUMMARY

By: Cornel Rock

Our guest speaker in May was Cornel Rock, a geologist, originally from Romania, who has done 3 previous presentations for our group. His subjects covered the Mineralogical Museum of Baia Mare, Romania (1994), Gold (2017) and Garnets (2018)

Despite the technical problem with our projector, Cornel kept the audience connected and interested with helpful information and facts about the Mining Industry and New Technology. He also demonstrated the importance of good record keeping and tracking field trips using his notebook. He also presented interesting details from his notebook records from as far back as Romania (1983). He recorded details from his trips to France and even to our field trips to Dauphin and Gillis Quarry (1994).

Some of our members were impressed with how the details were entered, into his field notebook.



The June BBQ will be burgers/ hotdogs/ vegetarian option will be provided by the MSM. Members can help by bringing their favorite summertime side dish. Please, don't forget to bring some minerals for a show and tell, or trade.

To register; call Jack Bauer , please leave contact information, at, 204-632-6934, voice mail or e-mail. Let Jack know what side dish you are bringing to the BBQ, so we can accommodate everyone.

THE MINERAL SOCIETY OF MANITOBA

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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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Information about this trip is on page 4

TUESDAY MAY 28TH; GILLIS QUARRY, FIELD TRIP:

Information about this trip is on page 4

SUNDAY JUNE 02, 2019; BBQ AND TRADE EVENT, AT

STONEWALL QUARRY 1-5PM: BBQ lunch and refreshments, for members to kick off the summer and collecting season.

SATURDAY JULY 20, 2019 LUCY PEGMATITE FIELD TRIP;

This trip will involve a 1.25 hour drive East, on Hwy #1. It will then involve a 1 KM hike down an overgrown bush trail and then cutting through a bog to get to our destination. Information about this trip is on Pg. 3 and 4.

SEPTEMBER MEETING: September 04, 2019 Marty

Lewadney will present on the Philosophy, psychology and pragmatics of Mineral Collecting.

OCTOBER MEETING: October 02, 2019 Annual general meeting (AGM). Show and tell and Rock Doctor.



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.

May presentation summary cont. from pg.1

With the help of his friends, Cornel presented pictures and videos from the Expo Miner, in Barcelona, Saint Barcelona, the Mineral Show in Madrid, Castellon de la Plana, Cartagena, Tangier Morocco, the Mineral Museum for Blind people, Saint-Marie aux Mines France, St. Petersburg Minerals, the Rock Museum in Russia and the Tucson show, in the USA.



Cornel has an eye for Quality and discussed the factors that give the specimens their value and the high price for minerals around the world. The factors determining quality and value of specimens is based on condition, availability, beauty, luster, size, price, rarity and where it was sourced. Whether from Spain, Italy, Portugal, USA, Mexico, Morocco, Brazil, Tsumeb, France, India or Afghanistan. Cornel, also discussed larger Meteorites and a lot of Fossils, especially from Africa, in the Atlas Mountains, which is very close to the Sahara Desert. He presented interesting pictures and a video of a Baby T-Rex, with a live rider, walking among the people at the mineral Show. The live/mechanical T-Rex was made and exhibited by the Kunugi Company. They specialize in minerals, crystals, jewellery, fossils and artisan products, from minerals. If you would like to see this incredible dinosaur walking among the people, please visit the You Tube video. Thank you, Cornel for the fantastic presentation!

LUCY PEGMATITE TRIP

SATURDAY JULY 20TH, GUIDED BY BILL HOOD



Bill Hood, showing the Cedar Bog we will have to cross.

This trip may not be for everyone, as it may involve getting wet feet and fending off bugs in the summer heat? Moderate physical condition would be a necessary requirement. But for the adventurous, this may be the trip you are looking for. Here we have an example of a Pegmatite intruding a volcanic greenstone Belt; Potential collectable minerals documented at this site are; White spodumene crystals, blue Apatite, Fluorite and Indicolite (blue Tourmaline). Because of the 1 KM hike this would be a very weather sensitive trip. Too hot or too wet could effect this trip. Please dress for the weather. Hat, Loose fitting long sleeve shirts, heavier jeans and proper footwear are recommended. Always bring fresh drinking water. Also bring a back pack for your camera, leather gloves, mosquito repellent or netting and a lite lunch.



Looking northwest at the old log cabin near the Lucy pegmatite in 2011. Has since collapsed.

LUCY PEGMATITE TRIP

SATURDAY JULY 20TH, GUIDED BY BILL HOOD

(Cont. from pg. 3)

To register; call Jack Bauer , please leave contact information, @, 204-632-6934, voicemail.

MEETING LOCATION; Deacons corner, @ Hwy # 1 East at Hwy # 207 at the Petro Can parking lot. Last chance for a coffee or a pit stop. Members can double up here if they wish to car pool.

TIME; 9 AM , this time may change, if we end up in a heat wave, we may want to start out earlier. Please contact me two/three days prior, in case this time changes? We will then have a better idea of what the weather will bring. Jack's Cell #, 229-2904

TOOLS; Geology pic or a brick layers hammer, which may be a bit cheaper, but still work to lift the rocks.



Looking southeast at overgrown rubble piles at the Lucy pegmatite

An interesting fact about the Lucy Pegmatite is that it is horizontal or a complex pegmatite, similar to Tanco. Vertical pegmatites are considered to be simple. We will also visit the Artdon #1 claim, which also features coarse crystals of pink and white feldspars. As well, pale green Spodumene, Smokey quartz, biotite and pale green Beryl crystals.

UPCOMING FIELD TRIP FOR 2019

MAY 25TH; SOURIS, MANITOBA; Meet at the Petro Can on McGillivray Blvd and the Perimeter @ 9AM. This trip involves a 2-hour drive, down Hwy #2, South and West of Winnipeg. Our first stop will be the Souris Rock Shop. In their front show room, will be items for purchase. Then we will get a brief tour of their back room, after we purchase our pit pass. We will see all the possible specimens that can be found in the pit, for easy recognition.

Bring a camera, lunch and water to drink, or you can purchase lunch, across from the rock shop. We will be looking for petrified wood, Jasper and Agates etc. Also, bring a bucket or source of water, to help locate the agates. Jack's cell # 204-229-2904

MAY 28TH; GILLIS QUARRY, is an active quarry, 45 minutes north/East of Winnipeg, near the town of Tyndall. We can meet in the Gillis parking lot, at 11.00 AM, or if you wish to car pool part of the way, meet at my place at 10 AM.

Here we will have to sign in and there is a fee to collect on the rubble pile. Cars (trunk full) are, \$20.00 and ½ ton trucks are \$40.00 (as of May 2019). If we double up, we can share the cost of a load. You may want to bring a quick lunch but bring plenty of water. Bring protective footwear, gloves and glasses. A geology pick or a 2-pound crack hammer and chisel will work.

Here we will be exploring the rubble pile for middle Ordovician fossils, from the Red River Formation. In particular the Fort Gary member and the Selkirk member.

Gillis Quarry have advised me that they are digging in the lower part of the Quarry which may yield many fossils that are 450 million years old, from the Selkirk member.

Jack's cell # (204) 229-2904

Cont. on page 5

Gillis Quarry trip, con't

Tyndall stone, is grey to buff, mottled, fossiliferous, Dolomitic limestone that is Quarried at Garson, Manitoba, 37 km north east of Winnipeg. It belongs to the late Ordovician (Maysvillian– Richmundian; Elias 1991) Selkirk member of the Red River Formation. Fossils found here are plentiful and well preserved. Trilobites have been found in the lower portion of the quarry. Your choices will be to pop the fossil out of the matrix or shrink down the block to a manageable size, usually with a larger hammer, but, without damaging the specimen.

UPCOMING FIELD TRIPS FOR 2019

Winnipegosis Trip; is cancelled. Kathryn was unable to confirm this trip, prior to our publication.

RED RIVER FLOODWAY SELENITE DIG; This field trip is scheduled for the beginning of August and will be open for about 2/3 weeks depending on volunteers as we are required to have a safety officer on site for the whole day while we are digging. This will depend on the weather and how the support for the dig goes.

We have attracted a Mineral club from Ontario and we will need a day reserved for them.

This dig is intended for members to grow their collections and is free for them. Dealers who are looking to collect will have an imposed fee prior to digging, the fee will be imposed for everyday they would like to dig. The dig site will only be open during daylight hours, anyone caught at that the dig site after these hours will be turned into the authorities and will not be welcome back.

Dig sites will not be reserved, to give everyone a fair chance. We are going to create a sign-up list for all members who would like to dig, as the dig sites will be limited. The other members will be put onto a waiting list. Members on the waiting list can come by the dig site and step in, if someone leaves early.

Contact; Jack Bauer @ 204-632-6934, to register

More info to follow

FIELD TRIP SAFETY CHECKLIST

Basic information for new members, that is relevant to all field trips, is provided below.

1. **Dress for the weather.** Wear light coloured and loose fitting clothes, when it is hot out. You will be less likely to be attracting mosquitoes as they are attracted to dark sweaty clothes.
 2. **Proper hiking boots** that provide ankle protection are recommended. In the spring, during wood tick season, it is recommended to wear wool socks and tuck in your pants.
 3. **For single day trips,** bring a light lunch with plenty of drinking water. Bring work gloves, mosquito repellent and tools that are relevant to the trip.
 4. Arrange a ride share with fellow members to share expenses.
 5. **Bring a map.** If you are not familiar with the locations of the sites, advise your trip leader and get proper directions.
 6. **More information will be provided,** specific to the individual trips such as meeting places, departure times, directions, accommodations, travel times, tools and information that is site specific.
 7. **If you have signed up for a trip** and cannot make it, please advise the field trip leader, as soon as possible.
 8. When you sign up for a trip, please provide your contact information and how many are in your party. If your numbers change, please advise your field trip leader.
 9. **Most of our trips will be subject to the weather.** Sometimes a back up date will be planned. If the weather threatens to cancel or postpone the trip, contact your field trip leader the day before.
 10. **Safety is a big concern for the Mineral Society** and property owners. Please respect the rules. We always have a first aid kit with us. Unsafe behavior, will not be tolerated.
 11. **Have fun,** but leave behind only your foot prints. Bring your garbage home!
- Good Luck,** in your safe collecting endeavors, in the summer of 2019!
- The MSM would like to thank Mark Collet** for his mineral donation and the stories you shared about the MSM and some of the longtime members from the 70's and 80's. Mineral collecting with Bill and Yvonne Searle, Kris Lammers and the late George Lammers.