



Voice of the Dinosaur

Newsletter of the Kawartha Rock and Fossil Club

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NEXT REGULAR MEETING

Date: September 8, 2015

Time: 7:00 pm

Place: New Activity Centre, Peterborough Zoo

Program: To be announced.

LAST REGULAR MEETING

June 9, 2015

The meeting was presided over by the President, Steve Wesley. The minutes for the May 12 meeting had been circulated by email and no errors nor omissions were noted. Acceptance was moved by Ulli Kullik and seconded by Peter Szarka.

The Treasurer's report for May 1 to June 1 was presented by Ken Fox and acceptance was moved by George Thompson, seconded by Tom Jenkins and carried.

There was some discussion re increasing the admittance fee for the March show but no action was taken because the show co-ordinator was not in attendance.

There was also discussion about the size of the bank account and GIC's. Our accountant had suggested establishing a bursary to be administered by a university. Ken Fox agreed to follow this up.

The business meeting was adjourned on a motion by Ulli Kullik at 7:47 pm

At the conclusion of the business meeting, Tom Jenkins held another of his interesting silent auctions.



UPCOMING FIELD TRIPS

September 13

KRFC

Trip to Malone (Bounter Quarries)
I need Photos from fieldtrips and collected minerals from there for the owner on his request. If you have some, please help out.

More info about Malone Quarries at:
<http://www.mindat.org/loc-4618.html>

Contact: ulrike.kullik@gmail.com

October 3, Saturday

CCFMS trip to Beamsville Nelson
Aggregates is confirmed

Safety Vest (fluorescent), Long
Pants, Safety Boots, Safety Glasses
and Hard Hat are required for
admittance to the Quarry.

All attendees must be members of a
CCFMS affiliated club to participate
at this event for insurance reasons.
Membership cards should be
available on request.

This is a working quarry and
admittance is restricted to persons
16 years of age and over.

Please plan to arrive opposite the
gate of the quarry at about 8:30 am
for sign in, and the vehicle tag in.

We will enter the quarry about 9:00
am after our safety talk.

Beamsville map at following link:

<http://www.ccfms.ca/Events/Beamsville.html>

Please let me know if you are coming:
beamsvilledundasfieldtrips@gmail.com

See you there,

Jim Glen

October 3 & 4

Kingston Club trip to the States for
Herkimer Diamonds

Contact Corey Lablons at:
geologycl@gmail.com

October 17

Yearly CCFMS trip to Bowmanville
for fossils.
Don't know the contact at this time.
Check the CCFMS website

October 24

KRFC
Last trip this year to Marmora.
Limited to 24 collectors.

Contact: ulrike.kullik@gmail.com

See you in the field

Ulli

SWAP & TALK

Rock Swap- Special Social Event
Sunday, September 27, 2015
10:00 am to 2:00 pm

Location: Stanley Auction Centre
56 Alma Street, Norwood, Ontario

Directions: From the traffic lights on
Highway 7 in Norwood, travel one
block south on County Road 45, then
east three blocks on Alma Street. The
Centre is attached to the Curling Club
and is about 500 m north of the
Community Centre.

Doors open at 9:00 am, everyone who
wants table space be there before 10:00
am.

Free admission, and no charge for the
table space. Simply donate a specimen
to be used in our March 2016 Show silent
auctions, to show your appreciation for
the table space and hosting of this event.

Participants can sell, buy, trade, give away or just show off their rocks.

There will be tables available at 9:00 am on a first come, first served basis, but it is recommended that you reserve your space in advance to avoid disappointment.

For table reservations contact Mark Stanley: fulgurite@bellnet.ca
705-639-2406.

The tables are the standard 8 feet long, but half tables are available as well.
Bring your own lunch.

THE MEMBER'S CORNER Image from Beamsville Quarry By Peter Lee

This Celestite crystal (Figure 1) and dolomite came from the Beamsville Lincoln Quarry CCFMS trip on Saturday (May 9, 2015). Crystal was extracted from a vug and it survived the extraction.... normally they would shatter. Imaged with 45 frames taken at different focal planes and stacked with Helicon Focus to one composite frame with increased field of depth. Minolta Rokkor X 50mm 1:2 lens with hybrid mount Pentax K01 camera.

People were finding celestite, dolomite, sphalerite, galena, chert and the odd fossil.



Figure 1.

THE FOSSIL CORNER 2015 Fossil Collecting - Trip 3 By Kevin Kidd

Saturday, May 30

This was a club trip with the Scarborough club, of which I'm also a member. We had Jerry Bastedo from the Penn-Dixie site in western NY give a presentation to the club recently and in conjunction with that talk, a field trip was organized. I'd been there several times before, but I think all the other 20 or so people were first timers. After a bit of a detour getting there (fortunately I knew the area well enough) I arrived at the gate about 8:00 am and wandered in while waiting for the others to arrive. It took all of about 15 minutes before I found a couple of trilobites at which point I headed back to the gate as others were starting to arrive. We all drove in, got set up and Jerry gave us the pre-hunt site details.

Once let loose in the newly excavated area, everyone quickly found a spot and began the process of searching, flipping and splitting (Figure 1, below). There were trilobite



Figure 1.



Figure 2.

pieces everywhere, but of course the first near complete one was found by one of the volunteers at the site (Figure 2, above).

My pile started growing pretty quickly, although I expect a lot of the pieces will be only partials. Blair Campbell came over and asked if a piece his wife Jennifer had found was a keeper or a “leaverite” and I happily told him he had a very nice complete prone *Eldredgeops* trilobite (Figure 3). He left it with me for prepping, and based on what is exposed, it should be complete from nose to tail. Another member found a prone *Greenops* trilobite, although it looks to be missing pieces of shell on its head.



Figure 3.

Jennifer’s *Eldredgeops* as found. The head is on the right.

Next to find a prone example, also an *Eldredgeops*, were Teddy and Derek Leung (Figure 4). It was not always easy, but Teddy & Derek worked for a long time getting this rock moved. There was actually an enrolled trilobite right on the split line but it didn’t survive extraction. They left the *Eldredgeops* with me for cleaning, but this was much easier than Blair’s as it was just a quick sandblast, no real matrix to remove (Figures 5 & 6, Page 5).



Figure 4.



Figure 5.
Eldredgeops rana as found.



Figure 6.
After a quick clean up with my abrasive blaster. Photographed wet to better show details.

I learned that I can't keep swinging my 3 lb hammer without gloves on as by noon, I had developed several blisters that slowed me down a bit, but I still kept adding to my pile with several examples that should be complete. The more you collect at this site, the pickier you get. I started leaving pieces similar to the ones I found earlier in the day and only keeping ones that had at least heads and bodies exposed (Figures 7-9, below).



Figure 7.



Figure 8.

Around 2:00 pm, I packed it in at the main collecting area and headed to the top to grab a few pieces of North Evans limestone. This stone can be easily dissolved in vinegar revealing the abundant microfossils within. These include conodonts, ostracods, shark and fish teeth to name a few, but you need a microscope to see them. Blair and Jennifer were nearby picking through the pyrite beds. I went to tell them I was heading out and got sidetracked a bit myself. One could easily spend several hours there picking up several species of small brachiopods. I pulled myself away as I wanted to get back over the border before the forecasted rain hit and do some fishing. As usual, the forecast of all day rain was wrong, and I didn't see any really until after 8:00 pm. While I'm still lacking a



Figure 9.

nice prone trilobite from the site for my own collection, this was still one of the better trips I've had to Penn-Dixie, blisters and sunburn aside.

Sunday, June 7

A small group of club members met at my usual quarry for yet another Ordovician fossil hunt. I got a little bit of insider information the night before about a crinoid that was there for the taking. It seems my friends Malcolm and Jabali were there the day before and had quite a bit of success. Maybe too much, because before they could cut out this particular crinoid, they ran out of gas for their saw. Malcolm figured that rather than having it go to waste in the crusher, he'd tell me about it. Obviously I made a beeline for his spot and sure enough, there it was (Figure 10, below left), but it wasn't going to be a simple job. It was right on the edge of the pond in the bottom pit and I had to pile some rock to make a little island just to be able to stand to cut. There was also no visible seam in the slab less than about 6 inches deep, so I had to saw as deep as my blade would let me (Figure 11, below right).



Figure 10.
Crinoid.



Figure 11.
No, I don't have a "selfie-stick".

Long story short, it was at least 45 minutes of cutting and chipping, but eventually I got it out, but the effort took its toll on my back.

The Peterborough crowd had to leave early, but Peter Lee, Don Trembley, and I went to the new ramp and began splitting shale, while Corey Lablans checked one level higher. Peter ended up with one of the largest bryozoans I've seen from the site, likely a *Prasopora* sp. (Figure 12, below left) and I found my most unusual piece in a long time. A lucky split gave me a cyclocystoid (Figure 13, below right). This is the second one I've found, but the first in several years and the first at this quarry. These



Figure 12.



Figure 13.

creatures are echinoderms and are related to starfish and crinoids and are very rare worldwide, although this area seems to produce them with some regularity. I think I lasted until about 3:00 pm before I left for the day with those nice additions to my collection.

Saturday, June 27

My friend Dave from Philadelphia was making his annual pilgrimage to Ontario to collect, so he, Malcolm and I met at the same quarry again. I arrived first and went straight back to the pond to find the rock I had cut a couple weeks earlier now under several inches of water. Nothing else had been done in that area and a quick look around produced no new finds. As I made my way to another pile, Malcolm and Dave showed up. After a brief catch-up, Dave and I headed to a pile that had been there since the beginning of the season, but one I hadn't looked in since my first trip. I didn't see much, so I went over to the pile at the ramp while Dave continued where he was. He was eventually rewarded with a couple of nice prone *Flexicalymene* trilobites that should both be quite nice once they're cleaned. For my trouble, I was rewarded with most of a *Pleurocystites* cystoid and an unknown echinoderm. No picture of it as there isn't much to see. I've found a few of these before and a couple of people have suggested that it is likely part of a crinoid, but they can't prove it. Regardless, it's still worth picking up. I heard Malcolm's saw so I went to see what he had found. He had a couple of small crinoids from the pile Dave was still poking around in and told me there were a few more if I was brave enough to cut them out. He just got his saw and was still a bit leery if the surface was not sitting near horizontal. The rock he took me to was sitting at about a 45 degree angle and the crinoids, while small, looked quite nice and were near the edge of the slab, so I figured I'd give it a go (Figures 14 & 15, below). On my way back to get his saw, I looked down to see a large *Ceraurus* trilobite



Figure 14.



Figure 15.

on a smaller rock. Malcolm was shocked as he'd walked past it several times. Since it was sitting vertically, I guess if you were walking the opposite way or weren't looking in the right spot, it could get missed but, once in a while, I get lucky too (Figure 16). A few problem free minutes later, I had the crinoids cut out and that basically ended one of my better days in a long time.

Until next month –Happy Hunting!



Figure 16.

COMING EVENTS

Courtesy of the CCFMS Website & Pamphlets

- September 19-20** **Wonders of the Earth" - The 46th Scarborough Gem & Mineral Club Show**
Event Hours: Saturday 10:00 am-6:00 pm, Sunday 11:00 am-5:00 pm
Don Montgomery Community Centre, 2467 Eglinton Avenue East,
Scarborough
Admission: adults \$5.00, children \$1.00
Contact: Gem & Mineral Club of Scarborough
scarbgemclub@lycos.com
Website: www.scarbgemclub.ca
- October 2-4** **Ancaster Gem, Mineral, Bead & Jewellery Show**
Event Hours: Friday: 9:30 am to 5:00 pm,
Saturday & Sunday: 10:00 am to 5:00 pm
Location: Ancaster Fairgrounds, 630 Trinity Road, Ancaster,
Ontario L0R 1R0 (corner of Hwy. 52 & Hwy. 53)
Admission: \$8.00, 2 Day Pass: \$14.00, Under Age 12 Free, Free
Parking
A great experience for all ages! Over 35 vendors. This show has it
all, including seminars, demonstrations and jewellery making
classes.
Phone: 519-448-1236 or 1-800-360-2813
Website: www.ancastergemshow.com
Email: inquiry@ancastergemshow.com
- October 14** **Rock, Gem, Mineral, Fossil, and Meteorite Identification Clinic at the ROM**
ROM School Groups Lunchroom, President's Choice Entrance on
Queen's Park, doors nearest Museum subway stop
Event Hours: 4:00 pm to 5:30 pm.
Contact: 416-586-5816 or naturalhistory@rom.on.ca
Website: www.rom.on.ca/
- October 17-18** **46th Annual Gem Show and sale sponsored by the Kingston Lapidary and Mineral Club**
Portsmouth Olympic Harbour, 53 Yonge St., Kingston, ON
Event Hours: Saturday 10:00 am-6:00 pm;
Sunday 10:00 am- 5:00 pm.
Admission: Adults \$3.00, children 12 and under Free.
Features: Over 30 dealers; Children' mine, Jewellery Workshop
Information: Contact Les Moss, Show Chairman at
emoss@cogeco.ca