



# Voice of the Dinosaur

## Newsletter of the Kawartha Rock and Fossil Club

October 2015 ~ Volume 27 ~ Issue 8

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Member of the CCFMS



### NEXT MEETING

Date: October 13, 2015

Time: 7:00 pm

Place: New Activity Centre, Peterborough Zoo

Program: To be announced.

### LAST REGULAR MEETING

September 8, 2015

The meeting was called to order by the Vice-President, George Thompson. Attending were 13 members, two new members and two guests. A regular business meeting was held. After adjournment of the meeting, Robert Montgomery told us about visiting several gold mines and looking for gold. He graciously gave to each member and visitor samples of gold ore that he had found.

After Robert's presentation, Tom Jenkins held a silent auction with items from Cobalt, ON.

### FIELD TRIPS

Oct. 24 KRFC sponsored trip  
Last field trip this year to Marmora.  
Limited to 24 collectors.

Contact: [ulrike.kullik@gmail.com](mailto:ulrike.kullik@gmail.com)

Oct. 25 Yearly CCFMS sponsored trip to St. Marys  
Cement Quarry, Bowmanville, ON.  
Fossils.

Full safety gear required (hard hat, safety boots with green patch, orange vest, safety glasses) and an up to date membership card in an affiliated club.

To register please contact Kevin Kidd.

[kevjenn1998@yahoo.ca](mailto:kevjenn1998@yahoo.ca)

Be there by 8:30 am at latest. Map on CCFMS website. Should have more info via email soon.

**THE FOSSIL CORNER**  
**2015 Fossil Collecting - Trip 4**  
By Kevin Kidd

**Sunday, September 13**

The summer just flew by and with camping, fishing and visiting, I never made it out once to collect. Once Labour Day rolled around, I was really getting the itch to get back out there, but the heat and humidity was unbearable, as I'm sure you can all agree. Finally, I had a free Sunday so took a trip back to Arkona to see what Peter Lee had left for me. He had been there a lot the previous week, but there is so much material, I was bound to find something decent.

As usual, I began in the south pit and began right away picking up the usual small specimens from the Arkona formation, but I did notice I was finding a lot more *Platyceras* gastropods than normal. This would be the theme of the day apparently. As I got to the NE corner I saw that Richard's excavation had grown quite a bit since I first saw it, and wrote about it, in the spring (Figure 1, below left). Not far from that, I FINALLY found a decent large *Naticonema lineata* gastropod. I have several of the species already, but all are small, this one is likely near maximum size (Figure 2, below middle).



Figure 1.



Figure 2.  
*Naticonema lineata* gastropod.



Figure 3.  
*Platyceras rarispinum* gastropod.

From there, I went up into the Hungry Hollow formation. While there, I found another gastropod, a large *Platyceras rarispinum* (Figure 3, above right). Due to back side damage, I didn't keep it, but at this size, you can clearly see the "stumps" on the shell. These snails were armed with long spines and these stumps were the bases of those spines. I have seen a couple of examples that still had the spines attached (or at least reattached) but examples like that are exceptionally rare.

Since no trip to Arkona is complete without blastoids, my next find was another *Nucleocrinus* (Figure 4, left, next page). I love how these are so often found fully inflated, usually damage free and usually matrix free. What more could you ask for?

Not six inches away from that blastoid was a second one. This one is small and in matrix but enough is showing that I believe it's a *Hyperblastus filosa* (Figure 5, right), next page.



Figure 4.  
*Nucleocrinus blastoid*



Figure 5.  
Probable *Hyperoblastus filosa*.  
Blastoid.

Next to find its way into my pocket was a piece that I thought was just too cool to leave. It's likely a coral, but I'm not sure what type yet (Figure 6, below left). Whatever it is, it's pretty delicate.



Figure 6.  
Possible coral.



Figure 7.  
Horn coral encrusted with colony of  
bryozoan, *Botryllopora socialis*.

I actually bothered to pick up and pocket a section of horn coral –OOOH, AAAH, the place is littered with millions of them. This one is a bit special though as it has a small colony of the encrusting bryozoan *Botryllopora socialis* with its unmistakable star shapes (Figure 7, above right).

My HH searching ended with a few more gastropods, including a rarer type of *Platyceras*, *P.conicum*. As the name suggests, these snails have a cone shaped shell, not spiral (Figure 8).



Figure 8.  
Gastropod *Platyceras conicum*.

I still wanted to check the north high-bank so I made an early exit. On my way down, I guess my Spidey-sense was tingling because I stopped in a spot and low and behold, another blastoid. This one is relatively matrix free, so no confusion here; it's another small *Hyperblastus* (Figure 9).



Figure 9.  
Blastoid *Hyperblastus*.

After that, I drove to the other side of the river and trekked through the bush to the high bank. The river itself was very low and would have been no problem to walk through, but with the wind and cooler temperature, I'd likely regret that afterward. I climbed up the steep slope zig-zagging back and forth as I went. The first thing I grabbed from here was



Figure 10.  
Coral *Favosites turbinatus*.



Figure 11.  
*Heliophyllum*, a coral.

something I'd been after for some time—another coral. This one is called *Favosites turbinatus* and looks like a cross between a horn coral and a colonial coral (Figure 10, above left). While it is small and has some damage, it's the first one I've been able to find loose. Now I just need to find one the size of my fist.

Yet another coral ended up in my pocket, this one being the most common, *Heliophyllum*. What sets this one apart is the small horns growing inside the large one (Figure 11, above right).

Enough with the coral now, I haven't brought home that many since my first trip there. My last find for the day was another gastropod unlike any I've ever seen from the site (Figure 12). The shape is different enough from the common genera and the size is decent, so getting an ID didn't take too long. Specialists of the area nailed it as *Bembexia capillaria*. No trilobites this trip, but still a success with several new species for my collection.



Figure 12.  
*Bembexia capillaria*, a gastropod.

Until next month—Happy Hunting!

Photos by Kevin Kidd.

## THE EDITOR'S CORNER

My thanks to Kevin Kidd for his informative fossil article with his excellent photos. My thanks, also to my husband, Ken, who always helps to proof and distribute the Newsletter.

It's time to think of renewing your membership. It is due by December 31, 2015. If you have not renewed by then, you may not participate in Club trips or receive the Newsletter in 2016. A renewal form is included with this Newsletter.

## COMING EVENTS

Thanks to the CCFMS Website

- Oct 17-18** 46th Annual Gem Show and sale sponsored by the Kingston Lapidary and Mineral Club.  
Portsmouth Olympic Harbour, 53 Yonge St., Kingston, ON.  
Hours: Saturday 10:00 am - 6:00 pm; Sunday 10:00 am - 5:00 pm.  
Features: Over 30 dealers; Children' mine, Jewellery Workshop  
Information: Contact Les Moss, Show Chairman at [emoss@cogeco.ca](mailto:emoss@cogeco.ca)
- Oct 23-24** Annual UW Gem & Mineral Show.  
University of Waterloo campus, Centre for Environmental & Information Technology (EIT) building.  
Time: Fri., Oct. 23 Noon to 6:00 pm, Sat., Oct. 24 10:00 am - 5:00 pm.  
Free admission and free parking in Lot C off of Seagram Dr.  
Contact: 416-586-5816 or [naturalhistory@rom.on.ca](mailto:naturalhistory@rom.on.ca)  
Website: [www.uwaterloo.ca/earth-sciences-museum/](http://www.uwaterloo.ca/earth-sciences-museum/)
- Nov 7** Walker Club Annual Auction.  
Knox United Church in Scarborough. 2569 Midland Avenue (at the northeast corner of Shepard and Midland).  
Hours: Viewing starts at Noon, auction at 1:00 pm.  
A great opportunity to acquire fine and affordable rocks and minerals display specimens, lapidary items, fossils, books and more.  
Contact: Frank Ruehlicke at 519-880-2716 or [ruehlicke@rogers.com](mailto:ruehlicke@rogers.com)  
Website: [www.walkermineralogicalclub.com/](http://www.walkermineralogicalclub.com/)
- Nov 14** Canadian Micro Mineral Association Fall Workshop.  
Burlington Arts & Cultural Center, 1333 Lakeshore Road, Burlington, ON, Canada.  
Cost: \$25.00, which includes a continental breakfast.  
Contact: Frank Ruehlicke at 519-880-2716 or [ruehlicke@rogers.com](mailto:ruehlicke@rogers.com)  
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