



Voice of the Dinosaur

Newsletter of the Kawartha Rock & Fossil Club

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In This Month's Issue:

Feature Article - A Summer Paleontology Dig at Dinosaur Provincial Park, Alberta

by Dylan Rowe with a huge thank-you to the Club for his bursary



In the News and Of General Interest - Charles Darwin As Rockhound, Source of Stonehenge's Boulders, and Two New Canadian UNESCO Global Geoparks.

Upcoming and Ongoing Events - Jim and Lois Pauls' Rocks - Minerals & Jewelry Gift Shop and Lakeside Gems Rock Shop and Mineral Collecting Field Trips.

CLUB REGULAR MEETINGS

Cancelled Due to COVID-19 Pandemic

Further to our email in March to members, all future meetings are cancelled until further notice. We will monitor health advisories and directives and future re-opening of the Riverview Park and Zoo and keep you posted. Our regular meeting place has re-opened, but is being used by Zoo staff and is currently unavailable to us.

FEATURE ARTICLE - A SUMMER PALEONTOLOGY DIG AT DINOSAUR PROVINCIAL PARK, ALBERTA by Dylan Rowe

Dylan Rowe writes: *Hello fellow Kawartha Rock and Fossil Club members, my name is Dylan Rowe and I am a fourth-year paleontology student at University of Toronto Mississauga. I thought that you might enjoy hearing about my experience at Dinosaur Provincial Park in Alberta last year.*

Dylan's article is attached. Dylan received a \$1,000 bursary from the Club in 2019 towards his studies. A huge thank-you and update on Dylan's activities follows. I am sure that we all wish Dylan well in his future studies.

A HUGE THANK-YOU FOR OUR CLUB BURSARY

Dorothy Tuckerman writes: *My son, Dylan Rowe and I have been members of The Kawartha Rock and Fossil Club for years. A couple of years ago the club generously gave Dylan a thousand dollar cheque to put toward his pursuit of a paleontology degree at University of Toronto Mississauga. I am contacting you to let you know that the bursary has been very much appreciated and was used to further his studies as he heads into his fourth year. Dylan has recently been selected to join the Dr. Robert Reisz lab (UTM paleontology professor) for a very competitive research placement that I attribute to Dylan's stellar marks and passion for the subject of paleontology. Below is the description of the research project.*

"The main objective is to give students the opportunity to develop the skills associated with the field of study, the evolutionary history of Palaeozoic tetrapods. During the late Palaeozoic both amphibians and amniotes diversified rapidly and spectacularly, and the fossils preserved in continental North America record these evolutionary events in great detail. Students are required to learn techniques of fossil preparation and scientific illustration based on specimens that are in the lab, and will have the opportunity to use various mechanical, optical, digital, and even histological methods for their projects." Dr Robert Reisz has a lab page <https://reiszlab.weebly.com/people.html> and Dylan's photo and a paragraph about him have recently been added.

Once again, we thank the Kawartha Rock and Fossil Club for their support and enthusiasm and hopefully at some point in the future Dylan will be able to give a presentation on his research!

Best regards,

Dorothy Tuckerman, Russell Rowe and Dylan Rowe

IN THE NEWS AND OF GENERAL INTEREST

Charles Darwin, A 'Rockhound' Aboard The Beagle

Steve Wesley writes: *Just finished reading this and thought it might be worth putting in the newsletter.*

The article is a fascinating account of Darwin's keen interest in geology in general and mineralogy in particular.

<https://www.forbes.com/sites/davidbressan/2019/02/12/charles-darwin-a-rockhound-aboard-the-beagle/amp/>

Archaeologists Have Found the Source of Stonehenge's Boulders

wired.com. The large stones at Stonehenge are called sarsen stones. Made of quartz sandstone cemented by silica, they have been used as building materials for thousands of years. Recently, trace element analysis was used to pinpoint the origin of most of the Stonehenge sarsen stones to chalk downs about 25 km away.
<https://www.wired.com/story/archaeologists-have-found-the-source-of-stonehenges-boulders/>

Cliffs of Fundy, Bonavista Peninsula Named UNESCO Global Geoparks

CBC News, July 10, 2020. Two sites in Atlantic Canada have been recognized as new UNESCO Global Geoparks. The Cliffs of Fundy Global Geopark in Nova Scotia stretches along a 165-kilometre drive from Debert to the Three Sisters cliffs past Eatonville, out to Isle Haute. The area is the only place on Earth where geologists can see both the assembly of supercontinent Pangea 300 million years ago and its breakup 100 million years later. The Discovery Global Geopark in Newfoundland and Labrador's Bonavista Peninsula, a rugged coastline overlooking views of caves, arches and sea stacks, features fossils from what UNESCO describes as "one of the most significant transitions in Earth's history" — the rise of animal life during the Ediacaran.
<https://www.cbc.ca/news/canada/nova-scotia/cliffs-of-fundy-unesco-global-geopark-designation-1.5643078>

UPCOMING AND ONGOING EVENTS

Now Open:

Jim and Lois Pauls' Rocks - Minerals & Jewelry Gift Shop

Bob Beckett writes: *I received a message from Jim & Lois Pauls. Many folks will remember them from the Bancroft Club show where over the years they typically sell silver specimens from the Cobalt & Gowganda area along with other specimens. They have opened a Rocks – Minerals & Jewellery Gift Shop, Great Canadian Prospecting Co. at 212 Bethel Road, RR 3 Yarker in Stone Mills Township. Jim & Lois always had great specimens at reasonable prices so a visit to the new store would I think be worthwhile for anyone passing by. It's probably best to call 613-483-3459 before going just to check their open hours.*

Mineral Collecting Field Trips:

Lakeside Gems Rock Shop

Chris Fouts of Lakeside Gems Rock Shop in Bancroft is leading mineral collecting field trips in the Bancroft area on September 5 and October 3, 2020. To register, log on to their website at lakesidegems.com and look for the bar that reads "CLICK FOR MINERAL COLLECTING FIELD TRIPS". This will take you to another page where you click on "Geologist-led Mineral Collecting Field Trip". The cost for adults is \$45.00 with a \$5.00 discount for members of rock and fossil clubs. While you are on their website, you can also do some shopping! Chris and Linda have exhibited for many years at our annual Peterborough show and the field trips sound like fun.

NEWSLETTER EDITOR'S CORNER

I hope you all had a good summer or at least made the best of things. I need a feature article for the October Newsletter. Any volunteers?

Best regards,
Ken Lyon

KAWARTHA ROCK & FOSSIL CLUB INC. 2020

MEMBERSHIP APPLICATION or RENEWAL

Please complete ALL sections and PRINT CLEARLY.

Please be advised members who do not renew by March 1, 2020 will be dropped from the membership list.

NAME(S): _____

(If a family, list each person's name - parent/legal guardian followed by children. Please include children's ages.)

ADDRESS: _____

(CITY)

(PROVINCE)

(POSTAL CODE)

Home Phone #: _____ Cell #: _____

E-mail: _____

(Please print clearly so all letters, numbers and punctuation marks can be easily read. Thanks.)

SINGLE (\$20.00/yr) FAMILY (\$25.00/yr)

Please send Newsletters and Notices of Club Activities by: Email Regular Mail

I DO NOT give my permission. I hereby give my permission

to release my name, telephone number and email address for inclusion in a
Kawartha Rock & Fossil Club Contact List to be issued only to KRFC members in good standing.

Signed: _____ Date: _____

PLEASE MAKE CHEQUES OR MONEY ORDERS PAYABLE TO
THE KAWARTHA ROCK AND FOSSIL CLUB INC.

If paying by mail, send to:

The KRFC Treasurer - PO BOX 30036, Chemong, Peterborough ON K9H 7R4

DO NOT SEND CASH THROUGH THE MAIL.

FOR OFFICE USE ONLY

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