



# Voice of the Dinosaur

## Newsletter of the Kawartha Rock & Fossil Club

June 2020 – Volume 32 – Issue 6

**CLUB ADDRESS:**  
PO BOX 30036 Chemong  
Peterborough ON  
K9H 7R4

**PRESIDENT**  
George Thompson  
613-827-0368  
truenorthminer@aol.com

**VICE-PRESIDENT**  
Pete Midgely

**TREASURER**  
Jodie St.John  
Jodiestjohn100@gmail.com

**SECRETARY**  
Steve Wesley  
stvwesley@gmail.com

**FIELD TRIP CO-ORDINATOR**  
Robert Montgomery

**SHOW CO-ORDINATOR**  
Mark Stanley  
705-749-8610  
fulgurite@bellnet.ca

**PROGRAM COORDINATOR**  
George Thompson

**NEWSLETTER EDITOR**  
Ken Lyon  
705-868-1141  
kenlyon393@gmail.com

**PAST PRESIDENT**  
Tom Jenkins

**WEBSITE**  
www.rockandfossil.com

**WEBMASTER**  
VACANT

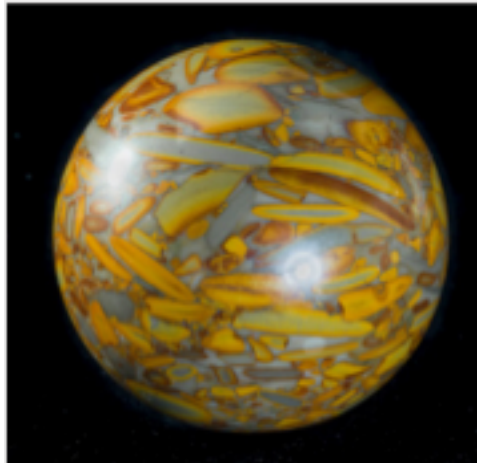
Member of the CCFMS



### In This Month's Issue:

## Feature Article - Bamboo-Leaf Limestone Conglomerate Spheres

by Karen Fox



### In the News and Of General Interest - Great Unconformity, Byron Berwick's Recommended YouTube Videos, Virtual Geology Trips

### Member Profile - Karen Fox

### Passings - Stanley Nowicki

And our usual assortment of other news and events.

\*\*\*\*\*

## 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.

\*\*\*\*\*

## FEATURE ARTICLE - BAMBOO-LEAF LIMESTONE CONGLOMERATE SPHERES by Karen Fox

Karen has kindly shared the attached article on an interesting polished rock sphere that she came across. Karen originally wrote the article for the Kitchener-Waterloo Gem and Mineral Club Rockblast Newsletter. Although marketed as bamboo-leaf "jasper", it is really a flat-pebble limestone conglomerate that is common in Cambrian sedimentary rock.

Thanks Karen! Check out Karen's member profile further below in this newsletter.

\*\*\*\*\*

## IN THE NEWS AND OF GENERAL INTEREST

### The "Great Unconformity" in Colorado More Likely from Supercontinent Formation and Breakup Rather than "Snowball Earth"

The University of California - Santa Barbara Current, May 7, 2020. UCSB researchers have published a study in the Proceedings of the US National Academy of Sciences that links profound continental erosion from about 1000 - 720 MY ago to plate tectonics and the formation and breakup of the supercontinent called Rodinia. A competing theory links the erosion to "snowball earth" about 720 - 635 MY ago when the planet was completely covered by ice. The researchers analyzed the helium-4 content in zircon crystals in granite at Pike's Peak to measure the thermochronology of the rock. We also see the great unconformity in the missing rock record just north of Peterborough between Precambrian and Ordovician time. This is another small piece of the puzzle to explain the explosion of complex life in the Ediacaran and Cambrian.

### Byron Berwick's YouTube Video Recommendations

Thanks to Byron for sharing these videos with us!

<https://www.youtube.com/watch?v=L2ivi-WIunc>



### [A Dangerous Glacier Grows Inside Mount St. Helens' Crater - YouTube](#)

A precarious glacier in the crater of Mount St. Helens grows at an unprecedented rate, posing potential danger to the valley below. A group of adventurous researchers visits the crater to ...  
[www.youtube.com](http://www.youtube.com)

<https://www.youtube.com/watch?v=Yp74trvHZsU&t=569s>



## [Scientists Have Said This Happened To The Yellowstone Supervolcano In 2019 - YouTube](#)

Scientists have said this happened to the Yellowstone Supervolcano in 2019. Today, we take a look at what happened to Yellowstone National Park in 2019. 2019 has been a busy year at the ...

[www.youtube.com](http://www.youtube.com)

\*\*\*\*\*

## VIRTUAL GEOLOGY FIELD TRIPS

Why not take a short road trip this summer to check out geology features in your area?

### [geoscienceINFO.com](http://geoscienceINFO.com)

The APGO Education Foundation in Toronto funds "geoscienceINFO.com". The foundation staff with the help of volunteers are developing a series of virtual geology field trips throughout Ontario. Currently, 15 trips in Ontario and two in Quebec are featured.

Check them out at:

<https://www.geoscienceinfo.com/virtual-field-trips.html>

### [Let's Rock Ontario](#)

Another website to check out is "Let's Rock Ontario". This is a guide to more than 500 sites from the Canadian Shield of the north to the limestone plains and glaciated lowlands of the south that reveal Ontario's outdoors, its rocks, fossils and natural attractions.

<https://planetrocks.utoronto.ca/index.html>

The site is maintained by Fitzhenry and Whiteside Limited who publish a wonderful series of geology books by Dr. Nick Eyles of the University of Toronto.

### [Canada \(Ontario\) Beneath our Feet](#)

And finally, check out Andy Fyon's website "Canada (Ontario) Beneath our Feet":

<https://www.ontariobeneathourfeet.com/geological-sites>

Andy is the former Director of the Ontario Geological Survey and has posted several presentations on topics such as glacial geology, wildflowers and sites in eastern Ontario.

\*\*\*\*\*

## GRAHAM WILSON'S ROCK OF THE MONTH

Graham Wilson of Turnstone Geological Services Ltd. in Campbellford, ON maintains a fascinating website with rock, mineral and other geology topics. Current and upcoming featured "rocks" of the month are:

June: Orange barite from the Xiefang mine, southeast Jiangxi, China.

July: Keichousaurus hui, Triassic reptile, China

Check out these and many archived articles here:

[www.turnstone.ca/turnmap.htm#Tyndall](http://www.turnstone.ca/turnmap.htm#Tyndall)

\*\*\*\*\*

## UPCOMING AND ONGOING EVENTS

Please assume for now that all previously listed upcoming and ongoing events have been cancelled or put on hold subject to further notice. We will keep you posted as we become aware of events re-starting.

\*\*\*\*\*

## MEMBER PROFILE - KAREN FOX

Our feature article this month comes from Karen Fox.

Karen was one of the founding members of our club back in the 1970s, when she lived in Peterborough and saw a newspaper article asking if people wanted to start a rock and fossil club. Her subsequent academic pursuits led to a research career as an applied physicist in Canada and the USA in the field of semi-conductor laser process development. As if this didn't keep Karen busy enough and with her fascination with light and microscopes and lasers, she has been an accredited gemmologist since 1989.

Karen loves meeting and seeing people. Her travelling gem identification booth is a welcome feature of many rock and fossil shows throughout Ontario. Thanks Karen!

\*\*\*\*\*

## PASSINGS - STANLEY NOWICKI

Sadly, long-term club member Stan Nowicki passed away on May 21, 202 in his 84th year. His obituary in The Peterborough Examiner noted that Stan was an analyst with Lakefield Research and an old-time gentleman, prospector, avid outdoorsman and a member of the KRFC, Astronomy Club, Woodturner's Club and local pipe bands. A public celebration of Stanley's life will be held at a future date. Donations to PRHC or Blood Services Canada would be appreciated by his family. Online condolences may be expressed at [www.highlandparkfuneralcente.com](http://www.highlandparkfuneralcente.com).

\*\*\*\*\*

# 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

Paid by: Cheque  Cheque # \_\_\_\_\_ or Cash  \$ \_\_\_\_\_

Date Received:..... Card issued date ..... Mailed date .....