

Voice of the Dinosaur

Newsletter of the Kawartha Rock and Fossil Club Inc.

Member of the Central Canadian Federation of Mineralogical Societies (CCFMS)

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www.rockandfossil.com

Next Meeting: Tuesday January 13 at the Orientation Centre,
Peterborough Zoo, 7:00 PM

January 2009 Meeting Program

Annual General Meeting/Show and Tell

Due to an ill timed snow storm, the December meeting was cancelled. (This happened last year as well!). Bring in those goodies that you found last season and show the club. This is our Annual General Meeting.



Zircon, 3.5 cm crystal
Silver Crater, Cardiff, Ontario
Collected, June 1999
George Thompson Collection

Special Lecture

The Walker Club and the CCFMS are hosting a special guest speaker on March 11 at 8 pm at the University of Toronto.

Skip Simmons from the University of New Orleans will be our special speaker and will talk on the Pegmatites of the Erongo Region, Namibia. Skip is a regular lecturer at Rochester and is a Pegmatite expert. I have heard Skip in Rochester a few times and can say he is a very entertaining and informative speaker.

Please notify Bob Beckett if you are interested

Diamonds Link Comet to Mammal Extinction

Source: CNN

Posted: 01/02/09 2:58PM

Filed Under: [Science & Tech](#)

(CNN) -- Tiny diamonds found in the soil are "strong evidence" a comet exploded on or above North America nearly 13,000 years ago, leading to the extinction of dozens of mammal species, according to a study. Diamonds found in North American soil suggest a comet led to the extinction of dozens of mammal species.

The scientific report also suggests the cataclysm also reduced the population of the earliest people to inhabit the region and triggered a 1,300-year-long cold spell that stretched around the world.

The heat generated by the extraterrestrial impact likely melted much of a glacier that once covered the Great Lakes region, sending a massive flood down the Mississippi River, the study said.

According to the report, the cold waves of glacial runoff into the Gulf of Mexico shifted Atlantic Ocean currents, changing climate patterns throughout the world in a cooling period known as the Younger Dryas.

"A rare swarm" of comets rained over North America about 12,900 years ago, sparking fires that produced choking, leading "to the extinction of a large range of animals, including mammoths, across North America," the report said.

The study was conducted by a group of eight archaeologists and geologists from the universities of Oregon and California, Northern Arizona University, Oklahoma University and DePaul University. Their findings were published Friday in the journal *Nature*.

The prehistoric humans known to have inhabited the continent at the time of the event -- hunters and gatherers dubbed the Clovis culture -- suffered a major decline in population in the aftermath, the scientists said.

The scientists, studying layers of sediment dated to 12,900 years ago at six North American locations, including one directly on top of a Clovis site in Murray Springs,

Arizona. Each layer was rich in nanodiamonds, which are produced under high-temperature, high-pressure conditions created by cosmic impacts, the report said.

"The nanodiamonds that we found at all six locations exist only in sediments associated with the Younger Dryas Boundary layers, not above it or below it," said University of Oregon archaeologist Douglas Kennett. "These discoveries provide strong evidence for a cosmic impact event at approximately 12,900 years ago that would have had enormous environmental consequences for plants, animals and humans across North America."

The other sites studied were in Bull Creek, Oklahoma; Gainey, Michigan and Topper, South Carolina, as well as Lake Hind, Manitoba; and Chobot, in the Canadian province of Alberta.

2009 Peterborough Gem, Mineral and Fossil Show

Time has come again for the Peterborough Show, Saturday, February 28 and Sunday, March 1, 2009.

We are looking forward to another successful event featuring: competitive and non-competitive displays, dealers, free giveaways, silent auctions for kids & adults, a live auction and our "dig your own rocks" sandbox for the kids.

The Evinrude Centre is a large recreational facility with ground level access, clean washrooms, a self-contained food concession, wheel chair accessible, lots of free parking and excellent lighting. It is the location of choice in Peterborough for many trade shows, cultural, sports and social events.

Electricity will be available to dealers who must supply their own extension cords. Dealers must supply and use their own table covers.

Please note that only rocks, minerals, fossils, gemstone jewellery and objects of art that have been made from natural material, and related equipment and supplies may be displayed, or offered for sale or trade by you.

Cost is \$30.00 per table, this amount is the total cost for both days of our show. Single day contracts are not available. As a dealer participating in our 2008 show, the same size booth and location on the show floor is available to you.

Please make your payments payable to: The Kawartha Rock & Fossil Club Inc. Table reservations will not be accepted unless accompanied by a completed paper contract and payment in full. Post-dated cheques will not be accepted. **Please insure that we receive your contract and full payment by our deadline of January 20, 2009.** After that date available tables will be assigned to dealers on our waiting list.

Please return your completed contract and payment by Canada Post mail to: Mark Stanley, 1989 11th Line, R.R. #2 Norwood, Ontario, Canada K0L 2V0. Cheques must be payable to: Kawartha Rock & Fossil Club Inc.

Show Dates & Times: Saturday, February 28, 10:00 am to 5:00 pm, Sunday, March 1, 10:00 am to 5:00 pm

Set Up Time: Friday, February 27, 3:00 pm to 9:00 pm & Saturday, February 28, 8:00 am to 10:00 am

Location: The Evinrude Centre, 911 Monaghan Road, Peterborough, Ontario.

Admission: \$3.00 for adults, children 12 or under are free & must be accompanied by an adult.

Table Rentals: \$30.00 per table. Table size is 32" by 96".

Show Content: Only rocks, minerals, fossils, gemstone jewellery and objects of art that have been made from natural material, and related equipment and supplies may be displayed, or offered for sale or trade.

Deadline: January 20, 2009 for table reservations. There will not be any tables available on the day of the show if they have not been previously reserved. All dealers must have their contracts and payment received by the show chairman by the deadline. No exceptions.

Directions to the show: From Highway 115 at Peterborough, take the Parkway to Lansdowne St., then East 4 blocks to Monaghan Rd., then North 1 block. Or travel West on Highway 7 (Lansdowne St.), into Peterborough, turn right at the 6th traffic light onto Monaghan Rd., then North 1 block.

Live Auction: Saturday, February 28 at 4:00 pm

Refunds: Will be given only if requested at least 14 days prior to the show and only if your dealer space can be filled for the 2009 show.

Accommodations: There are lots of hotels, motels and bed & breakfasts in the area. If you would like their phone numbers just let us know.

Contracts and payments sent to: Mark Stanley, 1989 11th Line, R.R. #2 Norwood, Ontario, Canada K0L 2V0

Payments payable to: The Kawartha Rock & Fossil Club Inc.

For more information contact: Mark Stanley at 705 639 2406 or E-mail: markstanley@bellnet.ca

Coming Events

(from the CCFMS Website)

Feb 28 – Mar 1 2009

16th Annual Peterborough Gem, Mineral, and Fossil Show.

Sat. 10-5, Sun. 10-5.

The Evinrude Centre, 911 Monaghan Road, Peterborough, Ontario.

Admission: \$3.00 for adults, children 12 or under are free & must be accompanied by an adult.

Directions: From Highway 115 at Peterborough, take the Parkway to Lansdowne St., then East 4 blocks to Monaghan Rd., then North 1 block. Or travel West on Highway 7 (Lansdowne St.), into Peterborough, turn right at the 6th traffic light onto Monaghan Rd., then North 1 block.

Contact: Mark Stanley at 705 639 2406 or mark.stanley@sympatico.ca

Website: <http://www.rockandfossil.com/index.htm>

Apr 4-5

!-!37th Annual Brantford Lapidary & Mineral Society Show

Sat. 10-5, Sun. 10-5.; Paris Fairgrounds, 139 Silver Street, Paris, ON.

Features: Dealers from Across Canada, Crystals/Minerals/Faceted Gems, Fossils, Fluorescent Minerals, Hands-on Educational Learning, Gold and Silver Wire Working, Bead Supplies and Demonstrations, Industrial Archeology Exhibits, Jewellery & Giftware, Equipment/Tools & Related Supplies, Silent Auction, Free Parking, Wheel Chair Accessible, Hot Lunch Available

Admission: Adults \$3, Children \$1

Contact: Jenny Maracle-Jones at 519-750-0953 turtlefeathers@brant.net

Apr 17-19

!-!24th Annual Gem, Mineral and Fossil show of the Club de Mineralogie de Montreal

Fri. 3-10, Sat. 10-7, Sun 10-5

Center Pierre-Charbonneau 3000 Viau St. (Viau Metro), Montreal, Quebec.

Admission: \$8, children 6-12, \$4

Contact: 514-353-0101

Website: <http://www.salonminerauxmtl.com/>

Apr 23-26

35th Rochester Mineralogical Symposium

Website: <http://www.rasny.org/MinSymposium/MineralSymp.htm>

Apr 24-26

!-!Toronto Gem and Mineral Show and Sale presented by 3416798 Canada Inc.

Fri. 4 pm-9pm, Sat. 10 am-7pm, Sun. 10 am-5pm.

Don Mills Civitan Arena, 1030 Don Mills Rd. , North York, ON

Features: Precious and semi-precious gemstones, fine quality jewellery, amber, stone beads, unique worldwide crystal specimens, tools, and everything to create your own works of art!

Admission: Adults \$8, Seniors \$7, 12-18 \$6, under 12 free with adult

Contact: Ohannes Bedrossian (514) 989-9800 torontogemshow@canada.com

May 1-3

!-! Canadian Micro Mineral Association 46th Annual Symposium

Brock University, St. Catharines, Ontario

Speakers: To be Announced

Contact: Bill Lechner at 416-438-8908 or bill.lechner@rogers.com

* Registration form available by request to the above. *

May 1-3

!-!Open House - Robert Hall Originals Pewter Studio and Rock Shop

Fri., Sat. & Sun 10 am-5pm

138 Sugar Maple Road, St. George Ontario

Features: Visit Robert Hall Originals for our Annual Spring Open House. Take a pewter studio tour, enjoy refreshments, & view the open house specials! Crafters ~ enjoy jewellery demonstrations & our supply of new beads. Rockhounds ~ examine our new

specimen acquisitions!

Admission: Free

Contact: Robert @ roberthalloriginals.com (519) 448-1236 or 1-800-360-2813

Website: <http://www.roberthalloriginals.com/>

July 11-12

Gem & Mineral Society of Syracuse present the 43rd Annual Gemworld 2008

Saturday 10 AM - 6 PM; Sunday 10 AM - 4 PM.

Verizon Center of Progress Building, New York State Fairgrounds, I-690, Syracuse, NY.

Features: 50 Dealers. Admission: \$6 adults, children under 12 free.

Contact: Carlotta Brown, 315-458-4636

Website: <http://www.gmss.us>

July 17-19

27th Annual Sudbury Gem and Mineral Show presented by the Sudbury Rock & Lapidary Society

Fri. 5pm - 9pm, Sat. 10am - 6pm, Sun. 10am - 5pm.

Carmichael Arena on Bancroft Drive, across from Minnow Lake and 1 km. south of the Kingsway (Hwy. 17E), Sudbury, ON.

Sat. 11 am-4pm; field trip Sun. at noon; barbecue. Sat & Sun. Dealers offer mineral, crystal and fossil specimens; meteorites; precious and semi-precious gems; finished jewellery including pearls and amber; and items for crafters including beads, tools, and findings.

Admission: Adults \$4; Seniors \$2; 6-12, \$1, 5 and under free with adult.

Contact: Ed Debicki, tel. (705) 522-5140; E-mail: ed.debicki@sympatico.ca

Website: <http://www.ccfms.ca/Clubs/Sudbury/show.htm>

July 26

Bancroft Gem & Mineral Club 13th Annual Gem & Mineral Show

Sunday 10 am-4pm.

Bancroft Legion Hall, Station St., Bancroft, ON

Admission: \$2/adult, children & students (18 yrs & under) free.

Contact: Al Burnett, R.R.1, Bancroft, ON, K0L 1C0; e-mail: alrocks16@yahoo.ca

July 30 – Aug 2

46th Annual Rockhound Gemboree - "Canada's largest gem & mineral show"

Thurs. 10am-7pm, Fri. 10am-9pm, Sat. 10am-7pm, Sun. 10am-5pm.

Features: Canada's largest gem & mineral show brings together over 110 dealers of fine mineral specimens, gemstone jewellery, and lapidary supplies. Highlights of the show include gold panning booth, rock and mineral talks with geologists from Natural Resources Canada, a swapping area, a mineral display and expert mineral identification services offered by Malcolm Back of the Royal Ontario Museum, and geologist-led mineral collecting field trips.

Contact: 888-443-9999 for details

Website: http://www.bancroftdistrict.com/Tourism/rock_hound_gem.php

Sept 12

Robert Hall Originals 1st Annual Rock Swap

9 am to 5pm

138 Sugar Maple Rd., St. George ,ON N0E 1N0

Features: Come browse & buy from a large variety of rockhound exhibitors who will sell, trade, or buy rocks, minerals, jewellery and more. A great chance to upgrade your collections. Special events & Charity BBQ. Fun for the whole family!

Contact: Robert @ roberthalloriginals.com (519) 448-1236 or 1-800-360-2813

Website: <http://www.roberthalloriginals.com/>

Sept 19-20

Wonders of the Earth" the 41st Scarborough Gem & Mineral Club Show

Sat. 10-6, Sun. 11-5.

Don Montgomery Community Centre, 2467 Eglinton Avenue East, Scarborough

Admission: adults \$3, children \$1

Contact: Gem & Mineral Club of Scarborough scarbgemclub@lycos.com

Website: www.scarbgemclub.ca

Nov 6-8

Open House - Robert Hall Originals Pewter Studio and Rock Shop

Fri., Sat. & Sun 10 am-5pm

138 Sugar Maple Road, St. George Ontario

Features: Everyone is invited to Robert Hall Originals Annual Fall Open House for Christmas Gift Giving. View the extensive selection of pewter gifts and jewellery crafted right here in St. George. Enjoy a studio tour, show specials, & beautiful Christmas displays!

Admission: Free

Contact: Robert @ roberthalloriginals.com (519) 448-1236 or 1-800-360-2813

Website: <http://www.roberthalloriginals.com/>

Nov 14

CMMA Fall Mini-Conference

The Burlington Arts & Cultural Centre, 1333 Lakeshore Road, Burlington, ON

Contact: Bill Lechner at 416-438-8908 or bill.lechner@rogers.com