



# The Pink Dolomite Saddle

Monthly Bulletin of the Niagara Peninsula Geological Society

April 2018

[www.cfms.ca/Clubs/NPGS/](http://www.cfms.ca/Clubs/NPGS/)

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World renown Arkona fossils – but Ontario, USA? Each bag is about CAD \$5.

Thanks to Brian Dear for passing on this picture. Original photo by Bryan Law..

## NPGS Monthly General Meeting

Next Meeting: *Friday April 20th, 2018*

**Speaker:** Bob O'Donnell

**Topic:** The Fossils of Arkona and Thedford

**Location:** Brock University

Meetings are *usually* held every third Friday Sept-June at Brock University  
Department of Earth Sciences, Room D-309 at 7:30 PM.

Visit us on Facebook at: <https://www.facebook.com/groups/1392693367698780/> our Show page is:  
<https://www.facebook.com/pages/NPGS-Gem-Mineral-Fossil-Show-Sale/549387778513135>



## THE NIAGARA PENINSULA GEOLOGICAL SOCIETY

The **Niagara Peninsula Geological Society** (N.P.G.S.) was established as a non-profit organization in 1962 to promote the study of earth sciences, the hobbies of mineral and fossil collecting, and the lapidary arts.

Our focus is on collecting minerals, fossils, crystals and jewellery making. Collecting trips to quarries and other locations throughout Ontario and the U.S.A. are arranged several times during the year.

Meetings are held the third Friday of each month, September to June, Room D-309, Department of Earth Science, Brock University, St. Catharines, Ontario. Regular meetings begin at 7:30 PM with workshops starting at 7:00 PM. Each meeting usually consists of a discussion on club business followed by a presentation from a guest speaker. Children's workshops are hands-on educational modules about some aspect of earth science and are geared toward junior members ranging in age from 3 to 12.

Each year the N.P.G.S. hosts GEO-VENTURE, our annual gem, mineral and fossil show. The show consists of several regional gem, mineral, or fossil vendors along with N.P.G.S. member displays and demonstrations. The general public is invited to attend GEO-VENTURE to purchase items of interest from the vendors and learn a little bit more about earth science and the hobbies of lapidary arts and mineral and fossil collecting.

### **New members and guests are welcome any time.**

Individual memberships are \$15

Family memberships are \$20.

More information about the Niagara Peninsula Geological Society is available at [www.ccfms.ca/Clubs/NPGS/](http://www.ccfms.ca/Clubs/NPGS/) Questions or comments are welcomed at [npgs@ccfms.ca](mailto:npgs@ccfms.ca).

### **THE PINK DOLOMITE SADDLE BULLETIN**

The Pink Dolomite Saddle is the "official" newsletter of the N.P.G.S. The Saddle is geared toward keeping N.P.G.S. members informed of club activities, regional events and other items of general interest to the N.P.G.S.

Members are requested to submit articles or reports of interest regarding earth science or the hobbies of lapidary arts and mineral and fossil collecting. **All articles should be submitted to The Editor no later than the 1<sup>st</sup> of each month**

The Pink Dolomite Saddle is published ten times per year and is distributed to members of the N.P.G.S. as part of their annual membership dues. Non-members may receive the Pink Dolomite Saddle on a subscription basis of \$10.00 per year. There is a nominal charge for business advertisements.

Items from this bulletin may be reprinted, unless otherwise stated, providing proper credit is given to both the original author and this publication.



NPGS Club President **Dave Baker**

## **PRESIDENT'S CORNER**

April 2018

*Dave's column was unavailable at time of publication but he will return next month with his usual informative and inspirational message.  
The Editor*

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### **Our Guest Speaker for April**

For years Bob O'Donnell, a.k.a. The Fossil Guy, has been collecting fossils, many of them from Hungry Hollow. Bob has given numerous presentations all over the province of Ontario to clubs, school children and general audiences. He is involved with the Arkona Lions Rock Glen Museum which has an outstanding collection of PaleoIndian artifacts and Hungry Hollow fossils. Bob's personal fossil collection is truly outstanding. Be prepared to be entertained, educated and wowed.

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March 50/50 Winner: Gabi Gevaert

# NPGS Niagara Peninsula Geological

## Society Monthly Meeting Minutes

Friday, March 23, 2018

Location: Brock University

1) Call to Order @ 7:37 pm

2) Welcome to all. Any visitors? Any new members? ◀ **Peter Clausi** - new member - introduced himself & mentioned that he was interested in our field trip to the Gowgonda area - he has drilling operations up there. ◀ Sign in sheet is being passed around.

3) Motion to accept the minutes of the previous monthly meeting. ◀ moved by **John Tordiff**; seconded by **Brian Dear**; carried

4) Reports from the Board ◀ Present: President, **Dave Baker**; Vice-President & temporary Show Chair, **Gabriella Gevaert**; Secretary & Field Trip Director, **Ashley Pollock**; Directors:, **Roman Olszewski** & **Darlene Sloggett**; Newsletter Editor, John Tordiff ◀ Absent: Co-Treasurers, **David & Monica D'Andrea**; **Kevin Strooband**, absent (also Past President); Show Assistant, **Faeryn Genovese**

a) Gabriella reported that we have approx 25 vendors for the show. b) Ashley reported: ◀ minor wording corrections to Mar 12th Board minutes; ◀ website and Facebook posts are up to date as well as Niagara Region communities database; ◀ nothing current for CCFMS (unable to attend Mar 11th CCFMS meeting); ◀ some field trip dates confirmed - still confirming others - some itineraries have changed: ◀ Hungry Hollow trip, 1st trip of the season, and upcoming on Saturday, April 28th; ◀ final schedule should be available in April; ◀ audit is almost complete: ◀ Auditor is **Geri Kerekes** - additional detailed reports required + minor corrections; ◀ all audited statements will be available to all club members upon request or photocopied out for meetings; ◀ will not post any financials on our website or on FB because of privacy & security concerns. c) Dave B tabled Monica's financial reports - unfortunately, Monica is sick: ◀ financial statement for March 2018 ◀ have a current show vendor payments status report. d) Roman mentioned the May Annual Auction and

asked for people to ensure that they contact him for auction slip numbers. ◀ auction rules & instructions plus blank auction slips can be downloaded from our website ◀ link is: <http://www.ccfms.ca/clubs/NPGS/meetings.htm>

e) Darlene currently has nothing to report. f) John currently has nothing to report. g) Dave B reported: ◀ asked John to list our show in the newsletter, ◀ show flyers should be printed & out this week; ◀ Board appointments will be confirmed by membership; ◀ will be reviewing the assets - includes a table saw, donated by Brian Dear, ◀ currently, we do not have a rock saw; ◀ Dave B will make an appointment to update bank signatures for new signing officers;

◀ Board meeting clarified Secretary duties for Ashley. ◀ Motion to accept reports - moved by Gabriella Gevaert; seconded by John Tordiff; carried

Even though, we currently have no Social Convenor, both Gabriella and Geri Kerekes brought beverages for the meeting - and have often brought beverages & goodies to past meetings. Thank you, Gabriella & Geri!

5) Business arising from previous minutes / meetings? ◀ none

6) Any new business? Any reports from members? ◀ **Bryan Law** renewed membership via Brian Dear. Thank you Bryan & Brian. ◀ Gabriella also made partial payment towards her renewal. Thank you Gabi. ◀ **Jim Glen** hasn't been able to book Beamsville yet. He will email everyone as soon as he's updated.

7) 50 / 50 Draw

◀ Winner: Gabriella - amount \$11 ◀ Congratulations, Gabi. ◀ Darlene took a picture!

8) Break ◀ reminder: Silent Auction is still on - please bid. ◀ Thank you as always to Brian Dear for the excellent specimens he brings in for our auctions. ◀ We'll see everyone in 10 minutes.

9) Our Speaker tonight is **Michael Bainbridge** Topic: Photographing the Pinch Collection @ the Canadian Museum of Nature.

Mineral photographer, Michael Bainbridge, awed and astonished us with exceptional photographs of the William J Pinch Collection at the Canadian Museum of Nature as well as regaled us with some fabulous and informative stories about Bill Pinch. Michael can be contacted via his website - **Michael J Bainbridge Photography** - <http://www.theoccurrence.ca/> Book will be published May 2018 - to pre-order please access [http://www.lithographie.org/bookshop/the\\_pinch\\_collection\\_at.htm](http://www.lithographie.org/bookshop/the_pinch_collection_at.htm) An excellent description of Michael's talk can also be found @ <http://www.mcdougallminerals.com/blog/tag/bill-pinch-mineral-collection/> : ...the final talk of the 2016 43rd Rochester Mineralogical Symposium was one that will always be remembered. Our speaker was Canadian mineral photographer Michael Bainbridge. He is wrapping up the end of a major project with the Canadian Museum of Nature, a book on the truly unbelievable mineral collection assembled by Bill Pinch from the beginning of his collecting career and through the late 1980s, acquired by the Museum. From the beginning of his collecting days, through to the late 1980s, Bill built a mineral collection like no other. It had incredible breadth of species, and top specimens of so many – many best of species. John White, former curator at the Smithsonian, has stated that Bill's was the best private collection ever assembled. Many feel the same way.

*relatively straightforward undertaking to present a slideshow of highlights among the great specimens from Bill's first collection. (Bill has been assembling another collection ever since...) However, although many of those highlights were of course included in the photographs accompanying the talk, Michael took a different, deeper approach, presenting stories of assembling the collection, surrounding the thesis that Bill, and the Pinch Collection, redefined mineral collecting and mineral appreciation at the time, and for all who followed. Michael placed this story in the context of the era, the dynamics, and the influential players at the time, notably Paul E Desautels (Smithsonian, published seminal work, The Mineral Kingdom). During the time period in which Bill built the collection, mineral specimens and collections came to be appreciated differently than they had in the past, and Michael highlighted Bill's influence and the influence of Paul Desautels. The world of mineral collecting was forever changed during this era, and Bill's role was fundamental. As life would have it, Bill had not been present at the Symposium for many years. It is no exaggeration to say that it was a moving morning, as Bill, his wife Jackie and their son Michael attended the talk. They were greeted with the warmth that has come to be part of the Symposium – the Symposium that Bill himself has had such a major hand in creating and contributing to, over the years.*

Thank you, Michael, for your amazing talk! And thank you again for coming back and giving us a talk.

10) Motion to adjourn. ◀ moved by Jim Glen; seconded by **Patti Anderson**; carried ◀ time: 10:01 pm

The next monthly meeting will be Friday, April 20th - here at Brock University. Our speaker will be Bob O'Donnell and he'll be talking about the Fossils of Arkona +++ Prepared to be wowed a second month in a row.

Thank you everyone for an great meeting. Please drive home safe and enjoy the rest of your evening!



### **Our March Guest Speaker – Michael Bainbridge**

*The Pinch Collection includes jaw-dropping specimens, one after another, after another... And, given the material itself, it would have been a*

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## Beamsville Field Trip in May

Just a reminder to let you know of the upcoming Field Trip to Beamsville, Nelson Aggregates on **Saturday May 12th, 2018** has been confirmed.

Safety Vest (**fluorescent with strips**), Long Pant, Safety Boots (steel toed) above the ankle (**preferred 6" + as they provide support when walking on the rock piles**), Safety Glasses and Hard Hat are required for admittance to the Quarry. Gloves are highly recommended

Sunscreen and plenty of water as days could be hot and Sunny on the trip.

Please do not bring **carpenters hammers** (claw) as they are not designed to break rock.

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

**Also** this Quarry is a working quarry and admittance is restricted to persons **16** years of age and over.

Plan to arrive opposite the gate of the quarry at about 8:30 am for your sign in and your vehicle tag in. We will enter the quarry about 9:00 am after our safety talk. **Please no late arrivals unless you have given us notice in advance.**

### Canadian Field Trip Information:

Laws have changed recently in Canada for Safety vests and clothing. You will need to update to the appropriate styles to gain entry to Canadian quarries. Please see this link for information. I have added a Word document you may print out to take shopping with you.

[https://www.labour.gov.on.ca/english/hs/pubs/gl\\_hv\\_sa.php](https://www.labour.gov.on.ca/english/hs/pubs/gl_hv_sa.php)

Please note we should be wearing Class 2 apparel. Either a vest or T shirt will suffice. Your hard hats must also contain retro-reflective stripes and can be purchased as peel and stick tape at Safety Supply stores.

Beamsville map at following link:  
<http://www.ccfms.ca/Events/Beamsville.html>

Happy hunting.  
See you there,  
Jim Glen

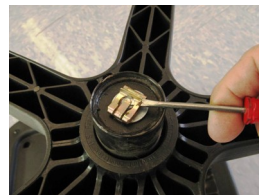
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## Brad's Jewellery Tips for April

MOBILE FLEXSHAFT STAND

A handy mobile stand for your flexshaft can be made easily and quickly from the base of an old swivel office chair. You can find these chairs being thrown out at office buildings and schools. I just asked the custodian in my building to set one aside for me.

To separate the chair from the wheeled base, simply remove the spring clip from the center bottom. I use a small screwdriver or a pair of pliers.



To make the stand, you'll need two pieces of threaded galvanized steel pipe and a pipe fitting from a hardware store. The first length of pipe is 3/4 inch diameter to fit the hole in most chair bases. The second piece is a length of less expensive 1/2 inch pipe.

The total length of the two pipes should be five feet. I used a two foot length of 3/4 pipe and a three foot length of 1/2 pipe. They are joined together by a pipe fitting called a 3/4 to 1/2 reducing coupler.

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LOCAL METALS SOURCE

Local companies that use sheet metal typically have barrels of scrap copper, brass and aluminum sheet

that they save for recycling. The shop owner/manager will usually let you go through it to select the shapes and thicknesses you want. Prices vary but will generally be close to the wholesale per-pound scrap value. For me at this time, that's \$3 per pound for copper.

*See all Brad's jewelry books at  
[Amazon.com/author/BradfordSmith](https://www.amazon.com/author/BradfordSmith)*

I've found it's much cheaper to buy metal this way than ordering from a catalog. There are no shipping charges, and you'll be supporting a local small business in your community.

Remember to bring your work gloves if you try this. Also useful is a thickness gauge. When I asked if they had any 14 gauge, they didn't know. Turns out they measure the thickness of copper by its weight per square foot

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## **NPGS Schedule 2017 -2018**

(some re-scheduling may take place to accommodate speakers)

- May 18      **N.P.G.S. Annual Club Auction**  
Guest Auctioneer: Brian Pihack  
Topic: Expanding your Mineral Collection  
Location: Brock University
- Jun 9th      **N.P.G.S. 52nd Annual Gem & Mineral Show**  
Time: 10 am to 5 pm  
Cost: \$3 (children under 12 free)  
Location: *Fireman's Park, Niagara Falls*  
*Volunteers needed, contact:*  
*Dave Baker, 905-684-1457, [bbaker160@cogeco.ca](mailto:bbaker160@cogeco.ca)*  
*Gabriella Gevaert, 905-321-9820, [gabi.gevaert@gmail.com](mailto:gabi.gevaert@gmail.com)*
- Jun XX      **N.P.G.S. Annual Picnic Barbeque**  
Menu: Delicious  
Time: Noon to 5pm?  
Location: Soon to be revealed

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# The *NPGS/CCFMS Combined 2018 Field Trip Schedule*

*Subject to change and updates*

## Spring 2018

1) **Hungry Hollow Quarry**, Ausable River, near Arkona, ON - Saturday, April 28th, 2018 Mid-Devonian Hamilton Group - Onondaga Escarpment fossils - by in-advance permission only - co-hosted with London Gem & Mineral Society - Bob O'Donnell (London) is planning a possible 3 additional dates for 2018. KID-FRIENDLY

2) **Ace of Diamonds Mine**, Middleville, NY - Saturday thru Monday, May 19-21 (Victoria Day weekend) Cambro-Ordovician Herkimer Diamonds & stromatolites (+ other minerals & fossils) - co-hosted by Niagara & Brantford Lapidary & Mineral Society - 2 other trips - Wayne County (NY) Gem & Mineral Club will also be going to Herkimer on: - Saturday, March 31st (Easter weekend) - & Saturday thru Monday, May 26-28 (Memorial Day weekend) (plus Hickory Hill diggings - approx 45 minutes east of Herkimer, NY) Please note that Ace of Diamonds Mine did not have a fire last fall - it was the Herkimer Diamond Mine just down the road, across from the KOA campground. Please also note that you will need a passport or an enhanced driver's licence to cross the border. KID-FRIENDLY

## Summer 2018

3) **Ridgemount Quarry**, Ridgemount, ON - Friday, June 29th, 2018 from 9 am 'til 2 pm Bertie Formation-Upper Silurian + Bois Blanc Formation-Lower Devonian fossils STRICT WORKING QUARRY RULES

4) **Ridgemount "South" Quarry**, Ridgemount, ON - Friday, June 29th, 2018 from 2 pm 'til 5 pm Mid-Devonian Hamilton Group-Edgecliff Member - Onondaga Escarpment fossils partially KID-FRIENDLY - need to be 14 years or older

5) **Bancroft environs, River Valley & Cobalt, ON** - Saturday, July 14th and Sunday, July 22nd, 2018 Grenville Province & Archean minerals - hosted by Wayne County (NY) Gem & Mineral Club - not a Niagara club trip - and so, by permission only & limited participant numbers - approx 4 days in Bancroft & 4 days for River Valley-Cobalt - detailed itinerary probably won't be available until June possible Bancroft sites: CN dump, Essonville Line roadcut, Haley Quarry, Millar's Mine / Thompson property (Tory Hill), Princess Sodalite Mine. + River Valley + Cobalt silver mines

6) **Northern environs - Temagami, Kirkland Lake & Gowganda, ON** - mid-August 2018 for approx 4-5 days - still in planning stages Archean minerals & Pleistocene glacial sites: Kirkland Lake gold sites, Kirkland Lake glacial sites, Temagami & Kirkland Lake BIF sites, Gowganda silver sites KID-FRIENDLY

## Fall 2018

7) **Lansdowne Quarry**, Kingston area, ON - Sunday, September 23rd, 2018 Cambro-Ordovician Potsdam Sandstone & fossil trackways & Grenville Province unconformity KID-FRIENDLY

8) **Canadian Wollastonite, Frontenac Lead Mine, & Lansdowne Quarry**, Kingston area, ON - Saturday & Sunday, October 20th & 21st, 2018 weekend Canadian Wollastonite & Frontenac Lead Mine - Grenville Province KID-FRIENDLY

NPGS Niagara Peninsula Geological Society Field Trip Info Sheet 2018 Field Trip Schedule - as of April 2018

## CCFMS Field Trips

**Lincoln Quarry, Beamsville, ON** - Saturday, May 12th & usually late September (2 trips). Lockport Group-Eramosa, Goat Island, & Gasport, Silurian (Niagara Escarpment) minerals & fossils STRICT WORKING QUARRY RULES

**St Mary's Quarry, Bowmanville, ON** - Sunday, May 27th & mid-October (2 trips). Late Ordovician fossils STRICT WORKING QUARRY RULES

### **Open-To-The-Public Sites**

**Ridgemount Quarry**, Ridgeway, ON - any Friday by permission by site owner - late spring to Fall. Bertie Formation-Upper Silurian + Bois Blanc Formation-Lower Devonian fossils STRICT WORKING QUARRY RULES

**Penn-Dixie Paleontological & Outdoor Education Center**, Blasdell, NY - any day. Mid-Devonian Hamilton Group - Onondaga Escarpment fossils KID-FRIENDLY

**Beryl Pit, Quadeville, ON** - any day - pay-to-collect @ Kauffeldt's Grocery, Quadeville.

**Rose Quartz Mine**, Quadeville, ON - any day by appointment with site owner - pay-to-collect site. Both are Grenville Province minerals & same site owner. KID-FRIENDLY

**Schickler Fluorite Mine, Wilberforce, ON** - any day - free-to-collect pass can be obtained at 2 places: @ Municipal Offices, 2249 Loop Rd, Wilberforce, ON. or @ Agnew's General Store, 2284 Loop Rd, Wilberforce, ON. Grenville Province minerals - apatite, fluorite, scapolite. KID-FRIENDLY

**Rutter Pluton**, French River, ON - any day - one site is pay-to-collect - both sites are by permission. Grenville Province nepheline-syenite minerals KID-FRIENDLY

### **Other Club Field Trips**

**Kingston club** @ <http://www.mineralclub.ca/field-trips.html> - **please ensure that you contact the field trip leaders if you wish to participate** - some highlights are:

- 1) **Noyes Mine, near Madoc, ON** - Saturday April 28th
- 2) **Wilmer Road, Perth Road Village, ON** - Saturday, May 12th
- 3) **Thunder Bay amethyst, ON** - Sunday, August 19th to Saturday, August 25th

**Kawartha club** - **please ensure that you contact Matthew Forbes mwforbes@eagle.ca if you wish to participate** - some highlights are:

- 1) **Marmor** - May, June, & October dates to be announced - by permission only & limited participant numbers
- 2) **Tatlock Quarry, Perth, ON** - Saturday, September 15th - by permission only & limited participant numbers STRICT WORKING QUARRY RULES for both sites

**Buffalo club – Flamboro** -by permission only & very limited participant numbers - mid-summer. STRICT WORKING QUARRY RULES

Please note that all CCFMS club members throughout Manitoba, Ontario, and Quebec are welcome on any of our NPGS field trips and, as can be seen, many more of our Ontario clubs are letting us know their field trip schedules as well.

You will be asked that you show proof of current membership on all field trips.

You will be asked to sign a Liability Waiver (+sign-in/sign-out) on all field trips.

You will need to contact to register and confirm with the various Trip Leaders.

Please don't forget to look at our **Field Trips webpage** for all kinds of info about field trips in general + specific info about the sites that the NPGS visits.



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## Regional Events (courtesy of the NICKEL BASIN ROCKHOUND et al)

**April 27-29** 27th Anniversary Toronto Gem & Mineral Show, Fri. 4pm-9pm, Sat. 10am-7pm, Sun. 10am-5pm Don Mills Civitan Arena, 1030 Don Mills Road, Toronto, ON. Adults \$8.00, 15 and under free Go to: [www.torontogemshow.com](http://www.torontogemshow.com)

**May 4-5** Canadian Micro Mineral Association Workshop and Symposium (CMMA) , Brock University, St.Catharines, ON.

**May 4-6** Robert Hall Originals Annual Spring Mineral Maddness, Mon.-Fri. 9Am-5pm, Sat. 10am-4:30pm, 138 Sugar Maple Road, St.George, ON. Admission free Contact: 519-448-1236 or 1-800-3602813, or go to: [www.roberthalloriginals.com](http://www.roberthalloriginals.com)

**May 5** Kitchener–Waterloo Gem and Mineral Club Annual Show and Sale, Sat. 10am-4pm Waterloo Community Arts Centre, 25 Regina St. S., Waterloo, ON. Admission free Contact: 519-803- 4343, or go to: [www.calaverite.com/kwgmcc/](http://www.calaverite.com/kwgmcc/)

**May 26-27** 49 th Annual Kingston Gem and Mineral Show, Sat. 10am-6pm, Sun. 10am-5pm Cataraqui Arena, 1030 Sunnyside Road, Kingston, ON. Adults \$5.00, under 12 free Contact (519) 633-3775 or go to: <http://www.mineralclub.ca/gemstorm.html>

**May 26-27** Allen Alward Gem and Mineral Sale, Sat. 10am-6pm, Sun. 10am-4pm 831 Tracey Street, St.Thomas ON. (close to intersection of Elm Street and Centennial) Contact (613) 384-4439 or go to: <http://www.patalward@yahoo.com>

**July 20-22** 36th Annual Sudbury Gem and Mineral Show, Fri. 5pm-9pm, Sat. 10am-6pm, Sun. 10am-5pm Carmichael Arena, Bancroft Drive, Sudbury, ON. Adults \$5.00, Seniors (60+) \$3.00, Children 6-12 \$1.00 Contact 705-522- 5140 or go to: [www.ccfms.ca/clubs/Sudbury/show.htm](http://www.ccfms.ca/clubs/Sudbury/show.htm)

**July 27-29** Gem Expo. Fri. 11:30am-8p.m.; Sat. 10am-6pm; Sun. 10am-5pm Hyatt Regency Toronto, 370 King St. W., Toronto, ON. Adults \$6.00; Children 12 and under free Contact 647-773- 9001, [Salim@TheGemExpo.com](mailto:Salim@TheGemExpo.com) or go to: <http://www.TheGemExpo.com>

**August 2-5** 55th Annual Rockhound Gemboree, Thurs. 10am-6pm, Fri. 10am-6pm, Sat. 10am-6pm, Sun. 10am-5pm Bancroft Arena & Bancroft Curling Club, Bancroft, ON. Adults & Youth TBD, Children 7 & under free. Contact 613-332- 1513 or 1-888- 443-9999, or go to: [www.bancroftontario.com/rockhound-gemboree/](http://www.bancroftontario.com/rockhound-gemboree/)

**NIAGARA PENINSULA GEOLOGICAL SOCIETY**  
**SEPTEMBER 2017 - AUGUST 2018 DUES**

Please check one:

- Family Membership \$20.00
- Individual Membership \$15.00
- Do you wish to receive the newsletter via email?

Bring to a meeting or mail along with  
cheque payable to:

Niagara Peninsula Geological Society  
c/o John Tordiff,  
120 South Drive  
St. Catharines, ON , L2R 4V9

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ Postal Code \_\_\_\_\_

Phone (Home): \_\_\_\_\_ (Work): \_\_\_\_\_

Email Address: \_\_\_\_\_

Interests and/or Suggestions: \_\_\_\_\_

NPGS email: [npgsgeo@gmail.com](mailto:npgsgeo@gmail.com)

NPGS website: <http://www.ccfms.ca/clubs/NPGS/>

NPGS Facebook page: <https://www.facebook.com/groups/1392693367698780/>

NPGS Show Facebook page: <https://www.facebook.com/pages/NPGS-Gem-Mineral-Fossil-Show-Sale/549387778513135>

*Membership term is from September 1st until August 31st. Membership fees are due in September.*