



The Pink Dolomite Saddle

Monthly Bulletin of the Niagara Peninsula Geological Society

October 2017

www.cfmms.ca/Clubs/NPGS/

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Euriptyrid Hunt, Ridgemount Quarry July 2017

Photoby Debbie Tordiff

Speaker: Dave Baker

Topic: Adventures in Geology

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/ Questions or comments are welcomed at npgs@ccfms.ca.

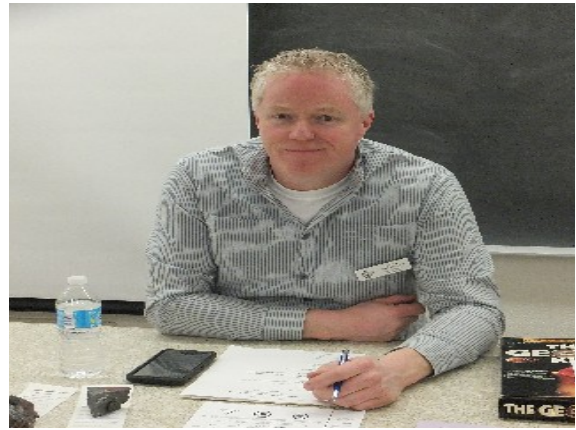
THE PINK DOLOMITE SADDLE BULLETIN

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 1st 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 Kevin Strooband

PRESIDENT’S CORNER

October 2017

Editor's Note: Kevin will be back from vacation very soon. We wait in hushed anticipation.

**Urgently Needed :
A Kids' Club Co-ordinator**

For health reasons, our current Kids' Club Co-ordinator, **Fran Sorrenti**, will not be able to lead the kids' group this year. We need a volunteer or better still – volunteers to step up and keep the club going. Please consider helping out.

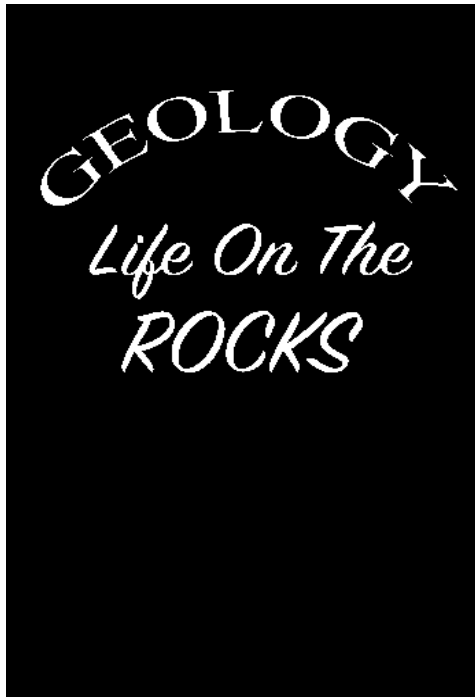
We currently have 46 children in our Club. All monthly Sunday afternoon sessions are held at the Firemen's Park, Niagara Falls and begin at 1pm and end at 2:30 pm. Please contact Kevin, Fran or any other member of the executive .

New NPGS Shirt Design Available

I will be taking orders for the 2017 NPGS shirts at Oct's meeting. Thanks, Darlene

New shirt's design:

NPGS President **Kevin Strooband**



This is the back of the shirt. The front will have our club's logo. They come in many colours , sizes and styles. Ask me for details.

Please contact me if you are interested thanks,
Darlene 905-354-6612 dsloggett@cogeco.ca

MINUTES OF THE NPGS GENERAL MEETING
SEPT 22, 2017

Gabriella welcomed all to the meeting, as Kevin was not available. Dave then handled the remainder of the meeting.

We welcomed visitors **Sandra** and **Marvin Brennan**, and new members **Rob** and **Faith Landriault**

REPORTS:

Kevin: n/a

Gabriella : We now have 3rd party insurance when we are at Brock U

We need speakers for the meetings this year.

Gabi moved a motion “to give to Brock for the Liberty fund \$ 1000.00 this year.” Ashley seconded and it was passed.

Dave: n/a

Monica: The financial report was presented by Monica. If you are interested in the details please see Monica and David

Jim: n/a

Roman: The library is open. A set of videos has been received and is now available.

Darlene : reminded people of the availability of name tags and spoke about t-shirts. The plan is to have t-shirts available by Xmas. Water and pop are available tonight. The picnic was a success

John n/a

Fran n/a

Ashley: -The web site is up-to-date

- Local advertising has been done

- We need a new show chair for the next show. An instruction book has been prepared and it will be available in Oct

- Field trips are in the newsletter.

Beamsville, Bowmanville and the Kingston trip is coming up. All the summer trips were very successful. New locations may be opening up for us. We are also increasing the relationship with the OGS through our trips.

-The touch tables all are now organized. We need a contact person for them.

- Job descriptions are almost ready

- Ashley indicated that she no longer wants to handle NPGS interact deposits through her personal account. A discussion took place and it was deferred to an executive meeting

-Motion was made to “extend memberships for 3 newsletter recipients who paid early last spring, through the full next year.” Seconded by Gabi and Passed.

-Kids Club has no leaders this year. Looking for someone to take over for 1 year. Also need to decide if our club membership fee is part of the fee for the child’s family.

-The financial records are now ready for audit. The Bell family will do this.

-No minutes were voted on as they were not available.

-No old business was discussed.

-50/50 tickets were not sold but Gabi had a draw of 5 items using the 'sign in' page.

-New business

Dave spoke about 2 collections he received this summer and that most of it would be given to the

kids club. Rob Landriault volunteered to help but not lead the kids' club but he wanted more info about it first.

-WE THEN TOOK A BREAK

Our program tonight will be a show and tell from out summer travels

Patty spoke about the Sudbury trip and along with her husband **John** explained about some of her finds.

Roman told us of a specimen of *glauconite* he found at Nickel Beach in Port Colborne.

Glen and **Darlene** spoke about the Niagara Parks trading centre that has been set up at Niagara Glen.

Marvin spoke about Flint and Chert that he makes into arrowheads and **Sandra** talked about the various minerals that she has collected.

Dave spoke about his West Coast trip and displayed a large poster of the history of the earth, geologically speaking, that he picked up out there.

There were no more speakers so the meeting was adjourned at 9:10 pm

Brad's Jewellery Tips

LAYOUT TOOLS

Dimensions on some features of a design can be fluid while others must be accurate for the design to work. When precision on a piece is important, good layout techniques are essential.

These are the tools that I rely upon to get holes in the right place, to achieve correct angles, and to cut pieces the correct length.

I like crisp sharp lines to follow, so I often coat surfaces with a dark marker and scribe my layout lines onto the metal. A square makes quick work of checking right angles or marking where to cut, and the thin center punch helps me mark a place to drill

holes exactly where I want them.

Finally, a good set of dividers is probably my favorite layout tool. They let me quickly mark a strip for cutting, swing an arc, and divide a line or curve into as many equal segments as I need. I keep at least one set of dividers in every toolbox.



INVENTORY RECORD

In an ideal world each of us has a complete pictorial record of all pieces of jewelry in our inventory. We use the pics for marketing, and we use the record for insurance. We use it to remember which items have been sent out on consignment, or we use it to mark which items we're taking to a show. And eventually, we note in the record the pieces that have sold.

Unfortunately, we don't always have time to take good pictures of each piece for a detailed inventory. In situations like this I've been able to make a quick group shot with the help of a smart phone, a camera, a scanner, or a color copier. The quality is more than sufficient to accurately identify the pieces.

*See all Brad's jewelry books at
Amazon.com/author/BradfordSmith*

Renewal Time – Dues are Due

To our wonderful NPGS members:

It's that time of year - autumn - when we start mailing out requests for your renewals. (We're not "fashionably late" this year.)

2017-18 NPGS membership fees are:
Family \$20 & Individual \$15.

There are 3 ways of paying for your membership:
 1) come to a meeting and drop off either cash or a cheque.
 2) mail a cheque to NPGS c/o John Tordiff, 120 South Drive, St Catharines, ON L2R 4V9; or
 3) send an Interac payment using npgsgeo@gmail.com - and please use the password *geology*.

Our next meeting is this coming Friday, October 20th at Brock University (same classroom as always) from 7:30 to 9:30 pm.

Looking forward to seeing you at our meetings, field trips, our show, and other events.

Regards, David & Monica D'Andrea, NPGS co-Treasurers
general email: npgsgeo@gmail.com

show email: npgsshow@gmail.com
field trips email: npgstrips@gmail.com
Where to find all the meetings, field trips, & activities details:
website: <http://www.ccfms.ca/clubs/NPGS/>
Where to have fun posting meetings, field trips, activities, announcements, & pictures:
NPGS Facebook page:
<https://www.facebook.com/groups/1392693367698780/>
Where to find current info on our show:
NPGS Show Facebook page:
<https://www.facebook.com/pages/NPGS-Gem-Mineral-Fossil-Show-Sale/54938777851313>

NPGS Schedule 2017 -2018

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

- | | |
|--------|--|
| Oct 20 | N.P.G.S. Monthly Meeting
Speaker: Dave Baker
Topic: Adventures in Geology
Location: Brock University |
| Nov 17 | N.P.G.S. Monthly Meeting
Speaker: Ashley Pollock
Topic: Soon to be Revealed
Location: Brock University |
| Dec 15 | N.P.G.S. Monthly Meeting
Speaker: Informative
Topic: Soon to be Revealed
Location: Mountainview Church
Glendale Avenue, St.Catharines |
| Jan 19 | N.P.G.S. Monthly Meeting
Speaker: Interesting
Topic: Soon to be Revealed
Location: Brock University |
| Feb 16 | N.P.G.S. Annual General Meeting and |

Executive Election and Potluck Food Fest

Speaker: Interesting
Topic: Soon to be Revealed
Location: Mountainview Church
Glendale Avenue, St.Catharines

Mar 23 **N.P.G.S. Monthly Meeting**
Speaker: Interesting
Topic: Soon to be Revealed
Location: Brock University

Apr 20 **N.P.G.S. Monthly Meeting**
Speaker: Interesting
Topic: Soon to be Revealed
Location: Brock University

May 18 **N.P.G.S. Monthly Meeting**
Speaker: Interesting
Topic: Soon to be Revealed
Location: Brock University

Jun XX **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 Ashley

Jun XX **N.P.G.S. Annual Picnic Barbeque**
Menu: Delicious
Time: Noon to 5pm?
Location: Soon to be revealed

The NPGS/CCFMS Combined 2017 Field Trip Schedule

Subject to change and updates

Fall 2017: Calendar of 2017 Gem and Mineral Shows and Related Events

Oct. 26-27 University of Waterloo Science Open House & Gem and Mineral Show;
Fri. noon-6pm, Sat. 10am-5pm
Earth Sciences Museum, EIT – Centre for Environmental and Information Technology,
1st and 2nd Floors, 200 University Avenue West, Waterloo, ON. Admission free Contact:
519-888-4567 ext. 32469 or go to: <https://uwaterloo.ca/earth-sciences-museum/>

Nov. 17-19 London Gem & Mineral Show,
Fri. 4pm-9pm; Sat. 10am-6pm, Sun. 10am-5pm
Agriplex Building, Western Fair District, 845 Florence St. London, ON.
Adults \$6:00; Children \$3:00
Contact: 519-400-6133, or go to: www.gemandmineral.ca/

NPGS TRIPS :

Hungry Hollow Quarry, Ausable River, near Arkona, ON

Tentatively Saturday, October 21

Also Saturday, April 26, 2018

please register with Ashley Pollock @ npgstrips@gmail.com

kid-friendly

Weekend Long Camping Trip

Saturday, October 28th to Sunday, October 29th, 2017

Stop 1: Canadian Wollastonite - wollastonite (of course), diopside

Stop 2: Frontenac Lead Mine - very white calcite with galena “stripes” & “splotches”

Both sites on Saturday, September 9th

Trip Leader: to be announced

Stop3: Lansdowne Quarry (Potsdam Sandstone & Unconformity) - PreCambrian marble with graphite slivers, Cambro-Ordovician sandstone with ripple marks & enigmatic marine animal trackways - all near Kingston area, ON

On Sunday, September 10th , Trip Leader: Peter Lee

please register with Ashley Pollock @ npgstrips@gmail.com

kid-friendly

Ridgemount Quarry, Ridgeway, ON

Any Friday that you'd like to choose - during the summer, Walker Brothers Quarries/Industries allows - *by permission* - collecting on Fridays only - and *you must call ahead to make a reservation* (905) 680-3755.

Working quarry & strict rules - you will sign/report in - as well as out - at the Ridgemount Quarry Gatehouse. You will require FULL SAFETY GEAR.

What you'll find:

Bertie Formation fossils (eurypterids) & possibly Bois Blanc fossils

Bertie Formation - late Silurian Period, Přídolí Epoch, 423±1.5 to 419.2±2.8 Ma

Bois Blanc Formation - Early Devonian Period, 419.2 ±2.8 to 393.3±2.7 Ma

Penn-Dixie Paleontological & Outdoor Education Center, Blasdell, New York

Can be visited on any day that's convenient to you.

Visits can be arranged by reservations (716) 680-3755 - or by arriving during regular operating hours.

What you'll find: Mid-Devonian Period, 397.5±2.7 to 385.3±2.8 Ma

Hamilton Group fossils (trilobites)

kid-friendly

Beryl Pit & Rose Quartz Mine, Quadeville, ON

The **Beryl Pit** can be visited on any day that's convenient to you.

This is a *pay-to-collect site* - you'll pay the entry fee for the Beryl Pit at Kauffeldt's General Store in Quadeville.

The **Rose Quartz Mine** is *by appointment* only - you must email the site owners - Dave & Renée Patterson at reneep@nexicom.net - to set up your date & time for your visit.

The Rose Quartz Mine also is a *pay-to-collect site* + fees for rose quartz “collected” (by weight) - these fees will be paid directly to the site owners.

What you'll find:

Both sites are Grenville Province (Proterozoic) pegmatite minerals at both sites + Rose Quartz Mine is a “giant crystal site”, ~1 Ga

kid-friendly

Beryl Pit: \$10 per adult, \$9 per student' Rose Quarry: \$20 per adult, \$10 per student. Rose quartz is available at \$2 to \$5 per pound.

Because a couple of other clubs (Kingston, Kawartha, Scarborough) are sharing field trip schedules with us, please expect to see other dates & sites such as, Marmoraton (another big favourite). We'll make sure you can access their schedules.

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.

<http://www.ccfms.ca/clubs/NPGS/trips.htm>

NIAGARA PENINSULA GEOLOGICAL SOCIETY

SEPTEMBER 2017 - AUGUST 2018 DUES

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

Please check one:

Family Membership \$20.00

Individual Membership \$15.00

Do you wish to receive the newsletter via email?

Name: _____

Address: _____

City: _____ Postal Code _____

Phone (Home): _____ (Work): _____

Email Address: _____

Interests and/or Suggestions: _____

NPGS email: 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.