

2014 NE Friends Of the Pleistocene Announcement & Field Stop Overview

The 2014 NEFOP Meeting Hosted by the New York State Geological Survey/New York State Museum will be a look into the Quaternary Geology of Cayuga County, New York. Various stops/discussions will focus on:

- Proglacial lake sequences within the Cayuga Lake Basin and Ontario Lowlands
- Early, Middle and Late Wisconsinan stratigraphy
- Sediment-landform relationships
- Ice-margin chronology/meltwater routing
- Subglacial landforms within the Ontario Drumlin Field
- MegaFauna colonization and extinction in NY
- Radiocarbon dating and Chronometric Hygiene
- Deglaciation and Paleo-Indian occupation.
- Glacial frameworks & groundwater

There will be a pre-meeting field excursion at 1pm on Friday June 6th at Hoxie Gorge, just south of Cortland. This will be led by David Barclay (SUNY Cortland), and will be a 2 to 3 hour hike to discuss and look at evidence of 1) the pre-glacial drainage of the eastern Finger Lakes region, 2) a classic Finger Lakes gorge with pre- and post-glacial segments, and 3) landforms of the Valley Heads advance. This excursion will conclude with a self-guided 50-minute drive to Auburn (meeting headquarters) along Route 41, which will take participants across Valley Heads outwash and kame moraine to one of the best overlooks of a finger lake in the region.

Meeting registration is Friday night at the Auburn Holiday Inn at 4:30-7:00pm (location 0 on the provided map). And early Saturday morning 7:00 - 7:45 am

The official meeting will be Saturday June 7th and 8th. Saturday morning at 7:30 am, we will begin our tour of Cayuga County with the following field stops:

Stop 1: Moravia and Locke. High elevation Glacial Lake Ithaca deltas, stratigraphy and shoreline features.

Stop 2: (tentative): Ice Walled Lake Plains; an enigmatic geomorphic features identified via LiDAR as Ice Walled Lake Plains based upon observation and comparative studies of similar features in the Midwest.

Stop 3: Great Gully (Principle Stop for the day). Stratigraphic sections with multiple till sequences and new age constraints provide insight for regional chronology. Excellent exposures of deformation and till,

discussions on glacial deformation in stratigraphic investigations. NOTE: This stop here will require hiking and descending steep slopes in rugged terrain to access exposures.

Stop 4: Dumond Wetland. Ice marginal morphology, wetland core stratigraphy, plant macro fossils and new age constraints on ice marginal chronology..

Stop 5: (may be moved to Sunday) Auburn Moraine. Discussions on moraine morphology, stratigraphic exposures and relations to proglacial lake levels and LiDAR profile.

Saturday evening will be the Annual Business meeting and banquet.

Stop 6/7: Montezuma Wetlands. Thick deposits of lake sand and peat deposits document proglacial lake levels. Numerous cores, geophysical surveys, and new chronologic constraints including Younger Dryas stratigraphy

Stop 8: Lock 26 of the Erie Canal. (Clyde, NY). Meltwater channels observed near Lock 26 provide insight into the flow characteristics, meltwater routing, ice margin morphology, subglacial landforms and new chronologic evidence for proglacial lakes and meltwater fluctuations.

Stop 9: Cato Drumlins and subglacial landscapes. Discussion of models of formation, field observations and new analytical techniques using anisotropic magnetic susceptibility to examine the shear fabric of drumlins in the Ontario Drumlin Field.

Trip Leaders:

- Andrew Kozlowski and Brian Bird of the NY State Museum\NY State Geological Survey
- David Barclay SUNY Cortland

Contributors/Stop Leaders:

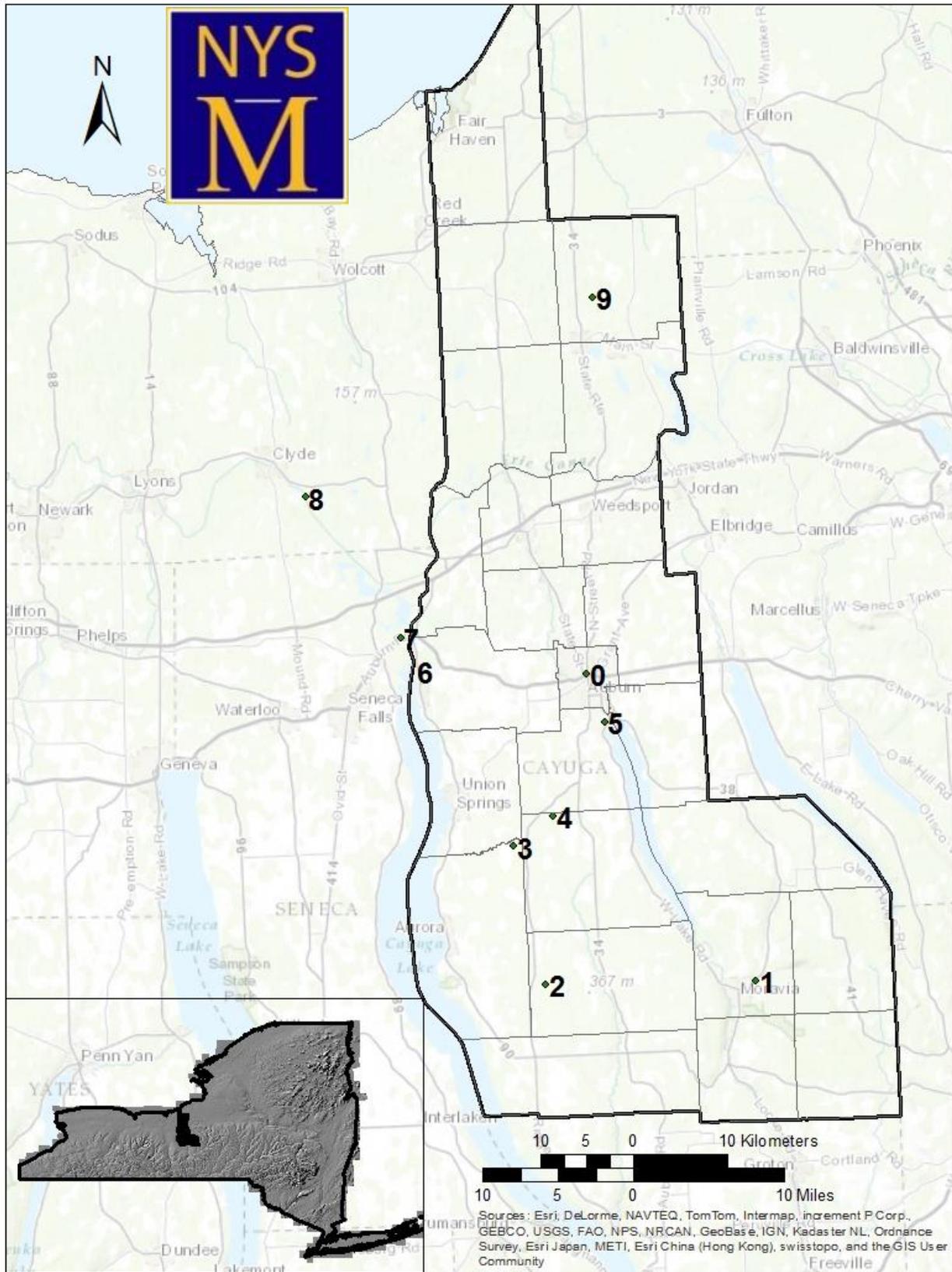
- Robert Feranec & Jonathon Lothrop - NY State Museum,
- Ed Evenson & Nate Hopkins - Lehigh University,
- Dorothy Peteet - NASA\Lamont Doherty,
- Laura Sherrod & Dea Musa - Kutztown University
- Bill Kappel - US Geological Survey

For details contact:

Andrew Kozlowski
(518) 486-2012
akozlows@mail.nysed.gov

Brandon Graham
(518) 474-5810
blarsgra@mail.nysed.gov

For more details or information contact trip leaders at address below or visit NYSGS website at:
www.nysm.nysed.gov/nysgs



The New York State Museum/New York State Geological Survey presents:

2014 Northeast Friends of the Pleistocene Annual Meeting

June 6th, 7th and 8th, 2014 (Friday-Sunday)

Application Form

For Payment Information – Please see next page

Name _____

Address _____

Phone _____ Email _____

Organization/Affiliation _____

Emergency Contact _____

Emergency Contact Phone _____ Relation _____

Saturday and Sunday Lunch Option (circle one): Deli meat Vegan

Number of guests for Saturday Banquet (\$30/person) _____

The registration fee for attending the meeting is \$130 which covers the cost of the banquet, transportation Sat/Sun, lunch Sat/Sun, and guidebook. Lodging options in Auburn, NY are available for the discounted price of \$139/night at the *Auburn Holiday Inn* or *The Inn at the Finger Lake* (see attached flyer). Please request FOP group rate. Lodging reservation deadline of May 6th.

NOTE: Some of the stratigraphic access locations are through rugged terrain requiring a lengthy hike and moderate physical fitness. Also there is finite space for 75 participants and participation is on a first come, first serve basis with a waiting list.

For more information, please contact:

Dr. Andrew Kozlowski
(518) 486-2012
akozlows@mail.nysed.gov

Brandon Graham
(518) 474-5810
blarsgra@mail.nysed.gov

Thank you

Payment Information

2014 Northeast Friends of the Pleistocene Annual Meeting

Participation Fee: \$130 per full participant + \$30 per guest for Saturday banquet
You may pay by check or credit card

Please make check payable to:

USNY – Regents Research Fund

Subject Line:

2014 NEFOP

Send to Application form along with check or credit card info to:

The New York State Museum

ATTN: Brandon Graham

3140 Cultural Education Center

Albany, NY 12230

For your convenience, we are accepting credit cards for registration fees. Please complete the following information and mail to the above address. **DO NOT EMAIL!**

(Check one)

Visa Master Card American Express Discover

Total Amount to be charged _____

Card Number _____

Expiration Date _____

Signature _____

Name [Please Print] _____

Billing Address

Home Phone (____) _____ Bus. Phone (____) _____

Email Address _____



Inn at the Finger Lakes

315-253-5000
GPS: 15 John Street
Mail: 12 Seminary Avenue
Auburn NY 13021
www.innatthefingerlakes.com
pmancini@harthotels.com

The Inn at the Finger Lakes Welcomes You!

The Inn at the Finger Lakes is conveniently located in downtown Auburn near businesses, attractions, wineries, restaurants and shopping.

Our One Queen, and Queen Suite Rooms feature “SweetHart” bedding which includes pillow-top mattresses and fine linens. These rooms also offer flat panel TVs with HBO and Direct TV service, wireless high-speed internet, fitness center, 24-hr. Front Desk service, convenient parking as well as coffee & tea service. The Queen Suite also includes a sofa (full-size sleeper), refrigerator, microwave and 42” flat panel TV.

Arrival: Friday, June 6, 2014 / Departure: Sunday, June 8, 2014

Reservations at Inn at the Finger Lakes (315) 253-5000

Please request FOP / “Friends of the Pleistocene” Group

ONE QUEEN \$109.00 ~ TWO QUEEN \$119.00 ~ JUNIOR SUITE \$129.00

Check-in time starts at 3pm / Check-out time by 12:00 noon

The Rate also includes:

A complimentary continental Breakfast Buffet served daily from 6-10 AM

Danish, bagels, toast, oatmeal, yogurt, cereal,
Fruit Salad, hard boiled eggs, juice, coffee & tea

A complimentary Finger Lakes Reception from 5-7 PM (Mon-Fri)

(Saturday Night Reception available from Memorial Day to Labor Day)

Finger Lake Wines, Draft Beer on Tap, Chips & Salsa, Cheese & Cracker Board

We look forward to helping to make your stay enjoyable!