



PRESIDENT'S MESSAGE: ENJOY THE FALL PAPER SESSION NOVEMBER 7th

The October Bulletin described the upcoming 42nd RAS Scientific Paper Session and the Larry King Memorial Lecture at The College at Finger Lakes Community College. This issue summarizes the schedule and shows the e-poster used to advertise the public lecture. I hope you join us for the entire program or part of it. *Jutta Dudley, President, RAS*

RAS Scientific Paper Session Schedule

Saturday, November 7, 2015

Program free and open to the public at Finger Lakes Community College

Campus map: <http://flcc.edu/directions/index.cfm>. Free parking; use Lot A.

8:30 a.m. Presenters Sign-in, Refreshments, Student Service Bldg Lobby.

9:30 a.m. Oral presentations 2nd floor classrooms.

11:30 a.m. Poster session. Stage 14

12:30 p.m. Lunch, optional. \$8.75. College café. Reservations were requested by October 26. Some lunch tickets may be available at the meeting.

1:15 p.m. Lecture by Hilary Mosher. College auditorium. See poster below.



Rochester Academy of Science Presents

Free Lecture

**Science, Policy and Working
Together to #stoptheinvasion**

By Hilary Mosher

Coordinator, Finger Lakes
Partnership for Regional Invasive
Species Management

**November 7, 2015
Finger Lakes Community
College Auditorium, 1:15 p.m.**

Introducing A Few Invasive Species in a Lot Near You

by Jutta Dudley

Did You Know...

...that invasive species are not native and cause, or are likely to cause, harm economically, environmentally, or to human health?

...the yellow iris (*Iris pseudacorus*) featured on the RAS lecture poster is poisonous and that the sap can cause dermatitis? Dense mats of this plant can displace native species and dry up wetlands.



An iris on Keuka Lake shoreline.

...that the emerald ash borer (*Agrilus planipennis*) is killing ash trees in the Rochester area? One in every 10 trees in NYS is an ash.



Ash borer trails in a downed ash tree in Henrietta.

...the black and pale swallow-wort (*Cynanchum louiseae*, *Cynanchum rossicum*) choke out other plants and that their toxic chemicals are poor fodder for animals? Any hatching Monarch butterfly larvae will not survive.



Going to seed on the Auburn trail in Pittsford.

...that the European Common Reed (*Phragmites australis* subsp. *australis*) forms dense stands, reducing diversity in wetlands? Red winged black birds can use cattails for nest building but not these reeds.



Phragmites in Powder Mill Park.

... hydrilla was found in a pond by RAS Paper Session speaker Hilary Mosher in Tinker Nature Park recently? An escaped aquarium plant, it grows quickly and forms dense stands clogging waterways, restricting sunlight and affecting habitat diversity.



Hydrilla from the Tinker pond in Henrietta.

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Keep RAS smiling!

Events for November, 2015

For updates to events, check the Academy website, <http://www.rasny.org>, and Section websites.

Tue 3 FOSSIL SECTION

7:30 p.m. Brighton Town Hall. Downstairs meeting room. The meeting will feature a talk by section member Dan Krisher entitled "A Cladistics Overview and What Constitutes a Valid Species". For more information contact Dan Krisher at (585) 293-9033.

Fri 6 ASTRONOMY SECTION

7:30 p.m.–10:00 p.m at RIT, Gosnell Hall, Room A300. ASRAS General Members Meeting. For more information, contact Joel Schmid at (585) 533-2097.

Fri 13 ASTRONOMY STAR PARTY

8:00 – 9:30 p.m. Northampton Park, Hubbell Road. For more information, contact Jim Seidewand at (585) 703-9876.

Wed 18 HERBARIUM WORKSHOP

1:00 a.m. – 4:00 p.m. Life Sciences section will hold a workshop at the RAS Herbarium, located in the basement of the Rochester Museum and Science Center (RMSC). We will continue work on replacing torn and damaged genus folders, as well as repairing specimens as needed. No experience needed! The Museum café is open until 2 pm, if you wish to buy lunch. If you plan to attend, please send an RSVP to Elizabeth Pixley. Then, at RMSC, go to the front desk and ask staff person to call ext. 368,

phone in the Herbarium. For more information, contact Elizabeth Pixley, herbarium curator (334-0977 or epixley@rochester.rr.com).

Tues 17 MINERAL SECTION

7:00 – 9:00 p.m. Brighton Town Hall, 2300 Elmwood Ave. Downstairs Meeting Room. Dr. Fredrick Haynes will speak on the topic "A Paradigm Shift during Reservoir Development of the Hibernia Oil Field, offshore Newfoundland." For more information contact Stephen Busschaert at (585) 732-5321.

Wed 18 RAS BOARD

7:00 p.m. Brighton Town Hall, Stage Conference Room

Check the December Bulletin at www.rasny.org for early December events.

DECEMBER EVENTS

Tue 1 FOSSIL SECTION

7:30 p.m. Brighton Town Hall. Downstairs meeting room. This meeting will feature our annual pizza party and Show-n-Tell. For more information contact Dan Krisher at (585) 293-9033.

Fri 11 ASTRONOMY SECTION

7:00 p.m. at the Planetarium. No meeting Friday December 6.

ONGOING EVENT

ASRAS will operate the telescope, or one on the sidewalk, at Strasenburgh Planetarium on mostly clear Saturday nights. Contact Jim Seidewand at (585) 703-9876.



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 Or see us on Facebook at <https://www.facebook.com/RochesterAcademyOfScience>

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