

The Secret Life in Lakes

Hosted by NH LAKES

Wednesday, March 3, 7:00 – 8:00 p.m.

Zoom Chat Box Discussion

- 00:44:32 chris jenssen: Pleasant lake lives up to its name. Chris from Wilmot
- 00:45:53 Robert Scott: Robert Scott - Little Suanpee, New London.
- 00:48:07 Jessica Sayers, NH LAKES: Hi Shirley Green, nice to see you!
- 00:59:53 Andrea LaMoreaux, NH LAKES: benthic = lake bottom
- 01:01:51 Patricia Freysinger: is the goal to have NO cyanobacteria in lakes?
- 01:06:58 Krystal Balanoff: Hi Patricia, great question. Cyanobacteria are everywhere! And, not all cyanobacteria produce toxins. It is important to keep our lakes clean and healthy to reduce the instance of cyanobacteria multiplying and forming a bloom.
- We'll ask Amanda for more context at the end. :)
- 01:08:23 Patricia Freysinger: thanks!
- 01:11:31 Nohelia Farías Curtidor: Hi, I have a question. ¿What happens with the cyanobacteria when there is heavy metal pollution?
- 01:14:17 Krystal Balanoff: Hi Nohelia! I have heard of cyanobacteria being used for bioremediation efforts to clean up heavy metal pollution but don't know much about it. We'll ask the expert!
- 01:14:36 Nohelia Farías Curtidor: thank you!
- 01:16:20 Jessica Sayers, NH LAKES: See something weird in the lake? Contact NH DES hotline at (603) 848-8094 or email HAB@des.nh.gov
- 01:34:44 Jeannie Ferguson: Is the amount of leeches an indicator of water quality?
- 01:41:05 Jessica Sayers, NH LAKES: Great question! We will ask the experts in just a few!
- 01:44:10 Krystal Balanoff: Hi Jeannie, I can tackle that question! Leeches are pretty tolerant of most water quality conditions so you will find them thriving in both clean and polluted water. The lack of other more sensitive species, such as mayflies, is a stronger indicator.
- 01:49:29 Krystal Balanoff: If you have more questions folks please send them now!
- 01:49:40 Therese Thompson: very interesting

01:50:08 Rich Kalich: Amy, we have larger snails (about the size of a quarter) in our lake that are “mahogany” in color. What are they?

01:50:43 Lise Farrand: thank you all, very informative!

01:52:16 Sallie Barker: What is your opinion on the water bubbler aerators at so many boathouses in winter?

01:52:59 Amy Smagula: The invasive ones get to be about the size of golf balls, so if they are smaller than that, they are likely a native (unless it is a juvenile form of the invasive). Feel free to send me a picture with a coin for scale at Amy.smagula@des.nh.gov

01:55:33 Bette Ruyffelaert: On your slide you had 2 leaches, a light colored one and a dark one. I've only seen the dark one in NH lakes. Are they both common?

01:56:53 Carla Moschella: Can iron bacteria be eradicated from wells?

02:03:58 Karen Ebel: Could you talk about Chinese mystery snails as an invasive species in NH?

02:04:15 chris jenssen: thanks for the very interesting presentations

02:04:40 Jessica Sayers, NH LAKES: DES well information page:
<https://www.des.nh.gov/water/drinking-water/private-wells>

02:04:59 Mark & Jean Duffy - Bow L.: Thank you to the presenters (and to NH Lakes for bringing them to us)!

02:05:37 Jessica Sayers, NH LAKES: NH LAKES Chinese Mystery Snail Article:
<https://nhlakes.org/wp-content/uploads/3-Lake-Concerns-Invasive-Species-Chinese-Mystery-Snails-NH-LAKES.pdf>

02:05:44 Ruth O'Hara: Thank you—great presentation

02:06:06 Carla Moschella: Thank you.

02:06:16 Sylvia Caira: Thank you!

02:06:26 Nohelia Farías Curtidor: thank you! very interesting!

02:06:29 Dave Scarborough: Thank you

02:06:39 Roe Coit: thank you!

02:06:54 Donna and Frank Murohy: thank you for a great presentation.

02:07:00 Nancy Lindsey: Thank you for such an interesting presentation. Who knew what lies within our waters!

02:07:07 Francoise Morison: Very informative presentation by a very knowledgeable team. Thank you and a special hello to Amanda. Thinking of our joint time in Dr Haney's lab.

02:07:10 Patricia Freysinger: thank you!

02:07:23 Jen Drociak: Great job and very interesting! Thank you!

02:07:27 Jerilyn Bergdahl: Thank you for the very informative webinar

02:07:43 Soren Denlinger, NH LAKES: ;)