

Oneida Lake Association PO Box 3536 Syracuse, NY 13220-3536

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Greetings!



### OLA Directors Conduct Two Successful Weed Pulls

As we all know, water chestnuts are an invasive species that present a significant nuisance to Oneida Lake. On Friday, June 25, OLA Director Carl Ford led a successful weed pull on the south shore. We thank the efforts of the Finger Lakes Institute Strike Team along with several Boat Stewards for their participation. Working at Lewis Point and the Oneida Lake Marina, the team harvested 200 pounds of the invasive species!

On June 19th, a team of nine people, led by OLA Director Patricia Cerro-Reehil, gathered at Shaw Road (on the north shore) to paddle out two miles to Big Bay to pull water chestnuts. This pull was a collaboration between the Oswego Soil and Water Conservation District and the Finger Lakes Institute at Hobart William Smith College. Over 100 pounds of this invasive plant were removed from the lake!





# News from the Cornell Biological Field Station on Oneida Lake

Christian Baran is a rising senior in the Environment and Sustainability major at Cornell University, with a concentration in Environmental Policy and Governance. He is from Baltimore, Maryland and loves to go on long backpacking trips. **His project at the Biological Field Station investigates the** 

**shifting dynamics within the Oneida Lake ecosystem.** When asked what he would do with a free year during which money was no object, he said that he would drive around the southwestern United States and do spontaneous acts of good wherever he went.

This summer, Christian is working to better understand the dynamics underlying the resurgence of Hexagenia mayflies (Hex), which disappeared for over 40 years and have only recently made a comeback.

Since neither round gobies nor either species of mussel were present in Oneida when Hex were dominant 40 years ago, Christian is particularly interested in the interactions between Hex and those prominent invasive species.

Under the supervision of Lars Rudstam and Kristen Holeck, Christian is conducting field surveys of Oneida Lake to determine lake-wide spatial associations between mussels and Hex. To do so, he will visit over 40 sites around Oneida Lake, taking benthic samples with an Ekman grab and analyzing the contents back at the station.

Christian will also be conducting laboratory experiments to learn more about the relationships between the species. One, in which round gobies will be placed into tanks with either Hex and mussels, or only Hex, is aimed at determining whether the presence of mussels impacts predation rates of gobies on Hex. Taking cues from the upward trend in mussel size in Oneida Lake in past years, another experiment will test whether Hex select for habitats with particular size intervals of mussels. Christian hopes to use his research this summer to develop an undergraduate Honors Thesis. ~ submitted by Hayley Tessler

OLA thanks Christian for his study of our lake. We hope to share his research findings in the future. We also thank the Cornell Field Station for permission to reprint this article.



Don't worry. It's science.

### Update from Oneida Shores

Those of you who like to launch from the west end of the lake know that Oneida Shores currently has only two out of three of their main ramps in operation. A senior officer at the park has assured the OLA that they plan to get this third ramp back into service. Unfortunately, the funding stream of any government agency flows slower than Chittenango Creek in August. Park officials tell us that work on the ramps is planned for September. In fact, the entire launch area is scheduled for renovation. In the meantime, please be patient at the launch site.

> The OLA wishes you a safe and glorious Fourth of July Holiday!





#### MEMBER QUESTIONS?

Send your questions and opinions to President@OneidaLakeAssociation.org

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OLA is a 501(c)4 organization serving and protecting the Oneida Lake environment.



## Website Who We Are What We Do How to Help

OLA is a 501(c)(4) not-for-profit organization.

The Oneida Lake Association is a member of the New York State Conservation Council <u>http://www.nyscc.com/</u> and the New York State Federation of Lake Associations <u>http://www.nysfola.org/</u>.

Please remember to obey all laws, rules, regulations, and codes of ethics as they pertain to boating, fishing, hunting, and the management of Oneida Lake and its tributaries. Report environmental violations. 1-844-DEC-ECOS (1-844-332-3267)

Edited by John Harmon and Matt Snyder Send us your notes and articles for use in future ENews!