



FISH HATCHERY NEWS

Newsletter of the Cold Spring Harbor Fish Hatchery & Aquarium • Summer 2010 • Volume 26 No.3

National Grid Foundation Welcome Schools Scholarship

The Hatchery and National Grid Foundation partnered together to provide scholarships to students from underserved and diverse school districts on Long Island. Through National Grid Foundation's generous donation, nearly 400 students from Bay Shore and Brentwood School districts received free admission scholarships to attend environmental education programs at the Hatchery throughout the month of June. Aquariums and zoos, along with professional environmental education, inspire young visitors to become active participants in protecting the environment and the natural world around them.

Fourth grade students from Gardiner Manor School in Bay Shore learned about the interdependence of living organisms while examining water samples from the Hatchery's Upper Spring Pond both at the pond and under the microscope. Third graders from Southwest Elementary School in the Brentwood School District toured the Hatchery and learned about the various adaptations our aquarium residents use to survive. These hands-on, fun programs engage students, spark their interest in the natural world, and increase their awareness, understanding and stewardship of local environments.

The Hatchery staff would like to extend a thank you to the National Grid Foundation that enabled these students to be a part of this unique experience which they would otherwise be unable to enjoy.



Upcoming Events

Turtle Hatch Day

Saturday, August 21, 2pm

Join us as we celebrate the hatching of our baby turtles. Come to the Hatchery to see the newly hatched turtles and enjoy some refreshments.



Summer Enrichment Programs

Late June through August

During our summer enrichment programs, children will explore the wonders of nature through hands-on outdoor activities, nature crafts, and more! For children entering Kindergarten and up in September.



Frolic

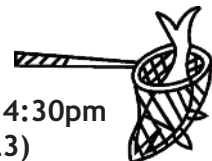
Saturday, September 25

Fundraising event, sponsored by the Board of Trustees, to benefit to Hatchery educational programs.

Fall Fair

Saturday, October 16, 10am - 4:30pm
(Raindate Saturday, October 23)

Join us for a day of games, refreshments and fun! Trout fishing in our Tidal Raceway for children under 12. Local environmental and conservation groups will be present.



Egg Stripping Demonstrations

October 23, 24, 30 & 31, 1pm & 3pm
November 6, 7, 13 & 14, 1pm & 3pm

Witness the centuries old process of egg taking and fertilization. See how the Hatchery has been producing trout for over 125 years!



Trivia

What is herpetology?

Read the Fish Hatchery News for the answer.

Animal Spotlight

Red-Spotted Newt

One of the favorite salamanders visited at the Hatchery is the red-spotted newt, *Notophthalmus viridescens viridescens*. Red-spotted newts can be found on Long Island and all over New York state. These newts are also found throughout the eastern United States. Red spotted newts live an average of 12-15 years and can grow to 4-6 inches long. Newts are unlike other salamanders in that they go through two metamorphoses rather than one. Their first metamorphose is when they transform from the larval stage to the terrestrial eft stage and the second is when they metamorphose from the eft to the aquatic adult stage. Efts have a bright orange-red to dull orange or red coloration with rough skin and a thin boney tail. During the adult stage, the newts have a laterally compressed tail that helps them swim. Aquatic adults are olive green, yellowish brown, or dark greenish brown in color. Both efts and adults may have up to 21 spots on their body.

Red-spotted newts are found living in ponds, small lakes, marshes, and forests with swampy bottoms and dense vegetation. Efts are usually found living in upland forest areas surrounding the pond. The dense vegetation found in these habitats is important to newts because they use it as a food hub to find small invertebrates, snails, insects, and frog eggs to eat. It also helps protect the newts from predators like birds, snakes, mammals, and fish. Like many other salamanders, red-spotted newts possess a noxious skin secretion that can deter some predators. If you are interested in sponsoring this animal, contact the Hatchery for more information.



Come enjoy the Hatchery's Extended Summer Hours

Saturdays & Sundays 10am-6pm
Additional Fishing Session 4-6pm

Spring Fair

A day of sunshine and some good Hatchery planning brought families together for a fun filled Spring Fair. This year the Hatchery's Spring Fair included exhibition booths staffed by representatives from environmental organizations including the Whaling Museum, The Waterfront Center, the Long Island Chapter of the NY Water Environment Association, the Long Island Greenbelt Trail Conference, the Nassau County Soil and Water Conservation District, and the Riverhead Foundation for Marine Research. The Hatchery also welcomed a new exhibiting organization, Running with the Wolves. Teresa DeMaio, representing Running with the Wolves enchanted fairgoers with stories about the wolves she rescues and raises. Artist Ken Begelman from Eagle Enterprises exhibited his wonderful nature carvings, and face painters from Fancy Faces, did a fabulous job painting all sorts of amazing designs on the foreheads and cheeks of those of all ages. Fairgoers strolled, picnicked, fed the fish and discovered new and interesting facts about Long Island's freshwater ecology. Nautical music by Tim Fitall and his Sumpwamps Creek Band filled the air with cheerful tunes. Along with the exhibitors and fine weather, the success of this year's Spring Fair is also due to the outstanding assistance given by our many dedicated volunteers and staff. Volunteers included, Fife Whitman, Laurie Landeau, Rob Muller, Maryanne Soule, Joel Stewart, Barbara Chickory, Geena Goloa, Ivan Carballude, Patrick Chau, Anna Harris, and students from East Wood School as well as members of the Timberland volunteer corps. The Hatchery would like to extend a special thank you to Astoria Federal Savings Bank for their generous sponsorship of this event.



Fishing, live music and sand art add to the excitement of the fair.



Catch & Keep Trout Challenge

Sponsored by The "Camp-Site" Sport Shop
Congratulations to our recent winners!

March 2010 Winner:

Gary Coe, 17¼" Rainbow Trout

April 2010 Winner:

John Ferrari, 16¼" Rainbow Trout

Catch & Keep Fishing

Every Friday - Tuesday

10am-12pm

1pm-3pm

During June, July & August
Additional Weekend Session

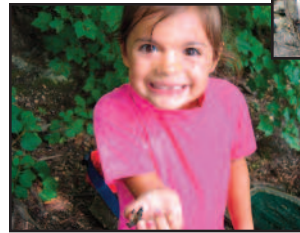
4pm-6pm



Summer Sign Up

It's not too late! Sign up now for the 2010 Summer Enrichment Programs. Children will explore the wonders of nature through hands-on outdoor activities, nature crafts, and more. Class schedules and fees vary. Visit our website for more information.

Mommy & Me classes also available!



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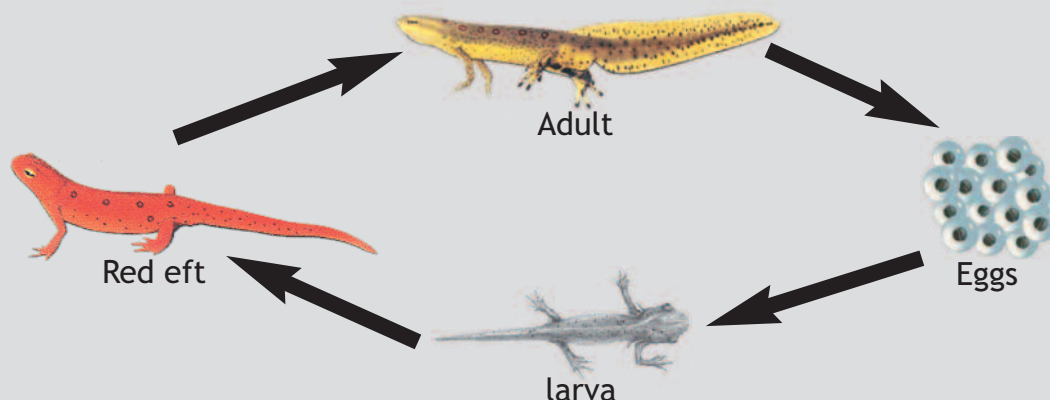
Herp Day

The Hatchery is proud to display the largest living collection of New York State reptiles and amphibians to its visitors each day. On June 19, these visitors had the pleasure of viewing various exotic herps displayed by members of the Long Island Herpetological Society. Herpetology is the study of reptiles and amphibians. Reptiles include turtles, snakes and lizards, while amphibians include frogs, toads and salamanders. The Hatchery staff would like to thank Rich Meyer and the members of the Long Island Herpetological Society for another successful Herp Day.



Kid's Corner

The red-spotted newt has a special life cycle that lets it live part of its life under water and part of its life on land. Female red-spotted newts lay their eggs in the water during the spring. These eggs take 1 to 2 months to hatch into larvae. Larvae are a greenish color and breathe under water with external gills. The larvae begin to lose their gills and develop lungs. They become a bright orange color and begin living on land. During this stage, they are called red efts. After a couple years, they become adults and move back into the water. They are an olive green or yellowish color and their tail gets thicker to help them swim.



Fish Hatchery News is a publication of the Cold Spring Harbor Fish Hatchery & Aquarium. As a not-for-profit charitable corporation, the Hatchery is an aquatic environmental education center dedicated to educating its visitors about the freshwater ecosystems of New York State.

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Hours

10am to 5pm, seven days a week

Memorial Day through Labor Day
 Sat & Sun open until 6pm

Closed Easter Sunday, Thanksgiving & Christmas Day

Admission

\$6.00 for adults

\$4.00 for those ages 3 to 12 and over 65
 Members and children age 2 & under are free

MEMBERSHIP

Membership offers free admission, quarterly newsletters, invitations to special events, discounts on seasonal programs for children, and discounts in our gift shop. A gift membership also includes a Hatchery T-shirt and fountains.

YES, I am interested in becoming a member of the Cold Spring Harbor Fish Hatchery & Aquarium.

DATE _____

NAME _____

ADDRESS _____

PHONE _____

E-MAIL _____

Please check if you would like to receive Hatchery mailings via e-mail. Your e-mail is for Hatchery use only.

- Student (Under 18) \$15
- Supporting \$75
- Individual \$25
- Patron \$100
- Grandparent \$40
- Donor \$250
- Family \$50
- Benefactor \$500

*Add \$10 to any category to make it a gift membership. Please fill in the above contact information for the gift recipient and include your name here:

Enclosed is my check for \$_____ made payable to CSH Fish Hatchery & Aquarium.

Please bill my credit card \$_____.

Mastercard or Visa only.

Card number _____ Exp. date _____

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Mail to: 1660 Route 25A, Cold Spring Harbor, NY 11724

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