

# BHHT- CONSERVATION

## NEWSLETTER

**By Morgan Clifford**

### BHHT MISSION STATEMENT

"To lead in conserving land, water, and wildlife habitat on the greater Blue Hill Peninsula. To teach and practice a stewardship ethic. To promote ecological, economic, and community health for this and future generations." -BHHT WEBSITE

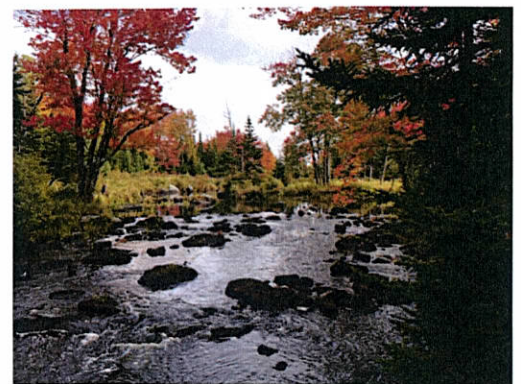


Photo taken by Morgan Clifford

### PATTEN STREAM



Photo taken by Eliza Grimnes

On October 8, 2019 the 8th grade class went on a hike near Patten Stream. There, we looked at the Hemlock grove and Woolly Adelgid. Woolly Adelgid is an invasive species that came from Asia on boats. They are hurting the Hemlock tree population and many schools are checking for Woolly Adelgid on the hemlock trees in that area. We also had a writing reflection time where we either free wrote or wrote poetry using our five senses. Patten Stream Preserve was purchased in 2008. The 41 acres of the

preserve has 1.5 miles of trails. The trail has fish runs, cardinal flowers, and glacial erratic boulders. It was a lovely hike and I'm sure all the 8th graders enjoyed it as much as I did.



Photo taken by Audria Morris-Nevells

## FERRY LANDING

On October 9 we went on a hike near Ferry Landing, Brooksville. The hike was 1 mile and very fun. We had a writing reflection time while we were there and we also collected at least 15 green crabs for our science classes in the future. The area was acquired in 2014 when Blue Hill Heritage Trust merged with the Conservation Trust of Brooksville, Castine and Penobscot. TCT acquired Ferry Landing

from the Maine Coast Heritage trust in 1990. The 23 acre property includes an old homestead site, views of Castine, an old Ferry landing on Bagaduce river and spawning horseshoe crabs. Out of both hikes this one was my favorite one and a lot of us enjoyed this hike very much.

## Hemlock Woolly Adelgid

The Hemlock Woolly Adelgid is an insect that attaches itself to where the needle and the branch meet and sucks the sap out of it. It is an invasive species brought here from East Asia. The Woolly Adelgid attacks not only

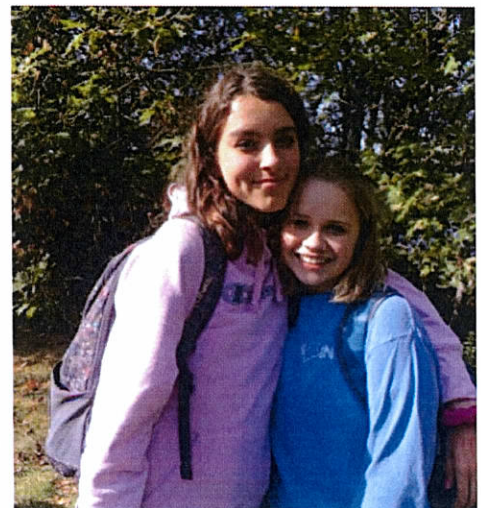


Photo taken by Camdyn Chui



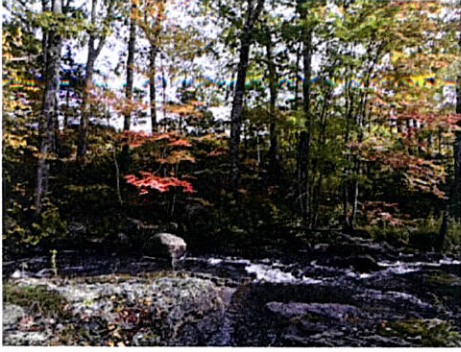


Photo taken by Morgan Clifford

the Eastern Hemlock trees but also the California Hemlock trees. The Woolly Adelgid reproduce by clonening themselves. There are beetles that are natural predators to the insects that scientist release after breeding them to see the results and how it effects the Woolly Adelgid species.

## Alewives

The Alewife is a type of herring that is found in North America. These fish are anadromous but return to freshwater to spawn. As an adult it is a marine species found in the Northern West Atlantic, they swim upstream to breed in freshwater habitats but some populations live in only fresh water. There is a fish ladder in the Patten Stream that the alewives use to get up to their breeding spot.

## Watershed

Watershed- (noun) an area or ridge of land that separates waters flowing to different rivers, basins, or seas. Castine, Brooksville, Penobscot, Sedgewick and Blue Hill are all part of the Bagaduce watershed.



Photo taken by Morgan Clifford

