

BAGADUCE WATERSHED NEWSLETTER



Background

To conserve in perpetuity land and water resources that support the long-term health and well-being of the natural and human communities on the Blue Hill Peninsula.

-Blue Hill Heritage Trust Mission Statement

BHHT (Blue Hill Heritage Trust) is a nonprofit organization that conserves land. They were founded in 1985 by the residents of Blue Hill. They currently protect 10,000 acres for recreation, education, ecological importance, and its historical value. The organization provides free usage of the land that it had conserved. They wish only the best for the public, and the legacy of the land they preserve.

What is a watershed?

A watershed is an area or ridge that separates water, and it goes into different are. (To put it simply, it's a drainage divide.)

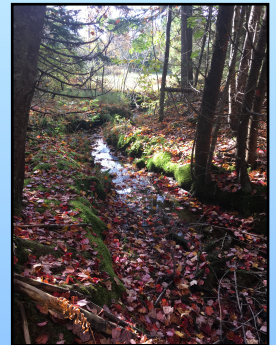
Green Crab Data

Ferry landing was abundant with Green crabs, and in total we found 49 green crabs. At Snows cove, we found no crabs, but we found a lot of horseshoe crab shells. Unlike the past two days, at

WEINLAND



The author, Sarah Means



Stream at Weinland Nature Study.



Trees at Weinland Nature Study

Weinland Nature Study was given to BHHT with the merger of BHHT and The Conservation Trust

of the Brooksville-Penobscot area. Helen Weinland, daughter of Virginia Weinland donated 40 acres between 1997-1999. Virginia Weinland was a photographer for the Audubon Society, and her photos were in many other newspapers. In the 1970's the area was heavily logged, and since then the forest has grown back beautifully. The are and the trail reminded me of the loop trail my great aunt has at her house in the woods, and brought me pleasant memories.

Ferry Landing

Ferry landing is a beautiful trail with historical wonder. Similar to Weinland, it was acquired with the merging of TCT and BHHT in 2014. Ferry Landing was a donation from Maine Coast Heritage Trust. The 23 acres of woodlands and shore are home to many animals, including Green Crabs. It

Sarah Means



Hatch Cove we weren't able to obtain data on the crabs, as it was so cold we could barely move our fingers! We learned about the history of the land and the Penobscot tribe that resides near the Bagaduce river in the Hatch Cove area during warmer seasons. We visited a rideout, a v shaped notch that soldiers made to hide behind and see if enemies are coming. The one we saw was near the water, so they could see ships coming into

the harbor.

Hatch cove and Schumacher Preserve

Hatch cove pictures by Andrew Hipsky.

Hatch cove is an iconic view coming into the castine area. Also acquired in 2014 with the merger, Hatch Cove and Schumacher Preserve were donated to TCT by the Scumacher family in 1978, with the purchase of Hatch Cove in 1998. The Preserves are full of historical value, and the fields are home to a threatened species of birds, Bobolinks. BHHT has a hard time maintaining the field and when to cut it, so the forests don't grow back into the field. They would mow the field in late summer or early fall, as the Bobolinks eggs need to hatch before they mow.

Other photos by Jasmine Black and Sarah Means

Green Crabs are an invasive species, so we were asked to collect data on their locations and other invasive species along the coast and remove them.

Invasive species like the Green Crab destroy eelgrass beds, where juvenile lobster reside. So the baby lobster have nowhere to go and are eaten by predators, so there would be no lobster and it would damage the economy, as it relies on fishing and tourism.



was a ferry landing a long time ago, hence it's current name. We found a lot of green crabs there, in all we found 49. Our team



Green Crab photo

(Group one) found 7 green crabs. Ferry Landing had beautiful scenery, including photogenic pathways, and gorgeous forestry. It was enchanting and captured the essence of Maine and the beauty BHHT strives to retain in their preserved areas.

Snow's Cove

When you first walk into the area, it seems like any other trail preserve. After a yard or so, you get an abandoned feeling, especially when it's a misty day. The foliage was at peak, and it was beautiful. The shore area was rocky and muddy, and we found a lot of



Horseshoe crab shells. We

didn't find any green crabs, due to the reversing falls. Reversing falls are areas where two rivers flow into each other, like two waterfalls crashing into each other



(or they flow backwards). Since the currents are so strong, Green crabs and tinier crabs can't get through.

Horseshoe crabs are able to though, because they're tougher.



Mrs. Herrmann and Jasmine looking for crabs

To tell the difference between a female crab and a male crab, on the underside, there's a structure in the middle of the crab's shell. On the male crab it's long and pointy. On female crabs it's wide and oval.