



THE GLOVER'S LEDGER

Our Biannual Newsletter



GLOVER'S LEDGE IS GOING SOLAR!

This fall we installed a grid-tied 141kW ground-mounted solar array with the help of Brentwood, NH-based ReVision Energy. This solar array will provide clean, solar energy for our on-site facility. In addition to furthering our commitment to sustainability, this solar project will heighten our environmental studies programs by bringing a hands-on element to our climate focused courses.

Comprised of 360 solar panels, the ground array will generate over 180,000 kilowatt-hours of energy, offsetting 281,000 pounds of carbon pollution every year. This is equivalent to planting over 2,100 trees or removing 28 gas-powered cars from the road!

**360 SOLAR
PANELS**

**281,000 LBS OF
CARBON OFFSET**



On top of generating clean, solar energy, Antioch instructors will be able to use the solar site to teach students about solutions to the climate crisis and utilize raw solar data from the array for real-time modeling and projections.

The solar panel array is located on a south facing slope that had been an old gravel pit. Approximately a half acre of hardwood and white pine trees had to be removed to make room for the array and reduce shading. Although the removal of trees and vegetation may seem counterintuitive, the energy output from the solar will provide clean electricity for our facility with excess power sold back into the grid. Once the weather changes in the spring, there are plans to seed and plant species that will create a meadow habitat for pollinators.

The next time you visit Glover's Ledge for a hike, feel free to check out the solar panels! If you happen to take a photo, tag us and we will share it on our social media pages. Always maintain a safe distance from the solar array and please do not touch.

For more information on the solar array visit the Glover's Ledge [website](#) and check out [ReVision Energy's](#) site.

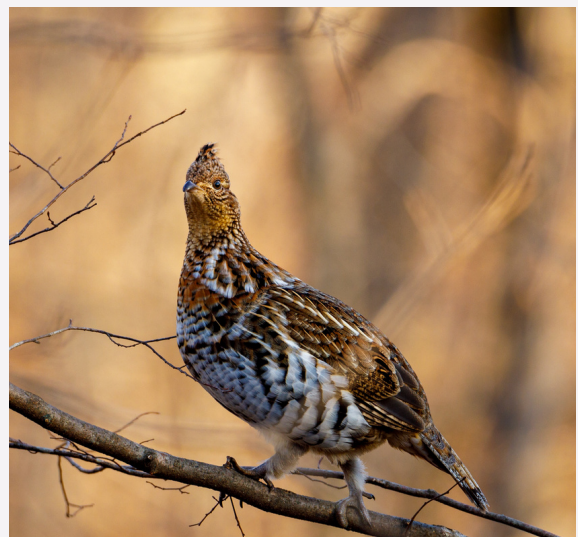


CREATING YOUNG FOREST HABITAT

Young forests are created through disturbance, either natural or human generated. Young forest habitat has declined substantially across the northeast as forests have regrown from history clearing. At Glover's Ledge, in conjunction with the clearing necessary for the solar array installation, we have created areas where young forest habitat will develop.

In order to fund the creation of young forest habitat as prescribed in our management plan we sold the timber we harvested. The harvesting of mature trees allows sunlight to reach the forest floor which encourages seedlings, sapling, and shrub growth.

Young forest habitat is necessary for wildlife such as Ruffed Grouse, American Woodcock, and New England Cottontail. These are all species in decline due to the decrease in young forests. Supporting these habitats and the animals that rely on them is crucial for maintaining biodiversity.





CREATING AN ACCESSIBLE TRAIL

Outdoor recreation should be accessible to everyone, including the trail systems at Glover's Ledge. We have started the construction of a half mile accessible trail that will loop around the unique vernal pool complex on the property.

Creating this accessible trail is an important step to let all of our visitors know that our property is designed with everyone in mind.

Accessible trails are necessary to ensure the outdoors can be experienced by all people. This new trail will meet ADA (Americans with Disability Act) requirements for paved trails. Generally, an accessible trail needs to be firm, stable, and slip resistant. Factors to consider are slope, fill material and the grading of the trail. The accessible trail route designed at Glover's Ledge uses the existing trails that required the least alteration. In the spring, the trail will be filled with a stable material and ready to use.

For more information on accessible trails visit resources published by the [USDA](#) or [American Trails](#).

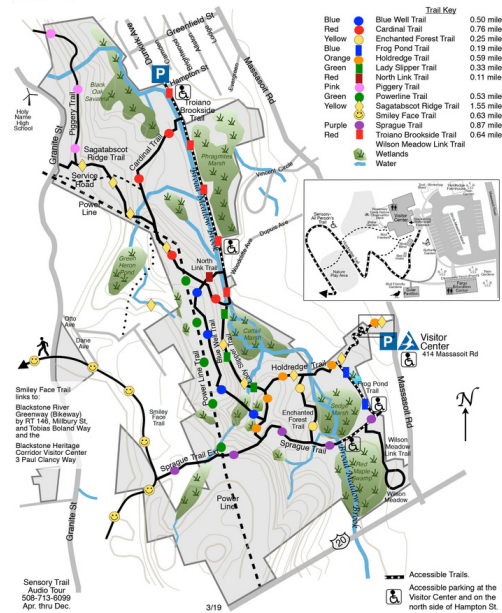
STUDENT LEADERSHIP IN ACTION

Ensuring outdoor accessibility is important to many folks at Antioch. A group of students in the Leadership for Change class are fundraising for an all-terrain wheelchair sharing program for MassAudubon's Broad Meadow Brook property. This sharing program is designed to allow visitors with mobility challenges to borrow a wheelchair for the duration of their visit at Broad Meadow Brook. This project began when students Lauren Dausch, Theodore Emery, Nikko Gagnon, and Owen George started thinking about their own experiences and personal health journeys. Personal experience, the importance of equitable outdoor access, and the difficulty that regular wheelchairs have on nonpaved surfaces formed the perfect combination for creation of this project. Although accessible trails can be helpful to folks, the routes tend to be short boardwalks which are costly and require a lot of maintenance. According to Lauren, "this all-terrain wheelchair borrowing program will allow those with limited mobility to live their lives with less boundaries, as the wheelchairs can travel safely over roots, rocks, hilly areas, and other things without damaging the wheelchair or putting the person in danger." Visit the GoFundMe site to support this project!

All-Terrain Wheelchair for Mass Audubon



Broad Meadow Brook Wildlife Sanctuary Worcester, MA



\$1,335 raised of \$1,400 goal

30 donations

Share

Donate now

<https://www.gofundme.com/f/allterrain-wheelchair-for-mass-audubon>

ANTIÖH UNIVERSITY



ALL-TERRAIN WHEELCHAIR FUNDRAISER

* ACCESSIBILITY TO NATURE FOR ALL *



Photo credit: Momentum Wheels for Humanity 2011



HELP RAISE MONEY FOR THE PURCHASE OF 2 ALL TERRAIN WHEEL CHAIRS FOR MASSACHUSETTS AUDUBON SITES

<https://www.gofundme.com/f/allterrain-wheelchair-for-mass-audubon>



SEMESTER EVENTS

Glover's Ledge has seen a lot of activity this semester! Between the solar installation, young forest management, and clearing for the accessible trail we have had some interesting student events!

Early in October, we hosted the Student Alliance for dinner and a plant ID walk! It was a gorgeous evening. Early November, we hosted a walk looking at plant galls, burls, and brooms lead by EE student, Sam Guida. Mid- November, we hosted a birding walk lead by Con. Bio student, John Garrison.

We are so grateful to the students that have lead and attended events! Stay tuned for events next semester!



Follow us on social media for event information!

@GLOVERSLEDGEAUNE

