



# THE GLOVER'S LEDGER

A Monthly Newsletter

welcome! // Kolipaid!

Ahkimôgwat / It smells like earth, like soil. Wlisigwan / happy spring everyone! Flocks of kwikwskasak / robins are digging about, and you can tell how the sun is moving across the trail by where small patches of snow remain. We hope you are able to be outside soon to enjoy the warming weather. Sending well wishes from our neck of the woods, to yours.

Take care // Wlinanawalmezi

Glover's Ledge was established on N'dakinna, the unceded homelands of the Western Abenaki peoples. We acknowledge and honor with gratitude the land (ki), the water (nebi) and the alnôbak (people) who have stewarded N'dakinna through generations and continue to do so today.

Ahkimôgwat: ah-KEE-mawn-gwat

Wlisigwan: oo-LEE-si-gwan

Kwikwskasak: KWICK-weh-skas-ak

My thanks and gratitude to Jesse Bruchac for his teaching Alnôbaôdwa - the Abenaki language. For more, visit [westernabenaki.com](http://westernabenaki.com)

## NATURE'S FIRST GREEN IS GOLD

*early sprouts make for easy management*

*By: Jack Minich*

Spring is many things to many people. To my mom, it is meticulously laying out her garden's planting arrangements on graphing paper. To my dog, it is rediscovering every single chipmunk hole on our walks. For my botanist friend, it is crashing through the woods looking for spring ephemerals and seeing if she can find that one rare fern (it always seems to be a fern) that she thought she saw last year. For me, it's the opportunistic hunt for ramps. The common denominator for many, if I can find one, seems to be that spring means enjoying being outside and taking in the return to full bloom of the natural world.

As you take in this year's new greenery, especially in and around the outdoor spaces you love, consider keeping your eyes open for the emergence (or return) of invasive plants. Invasive plants - or plants that are not native to the ecosystem under consideration and pose a threat to the ecosystem, human health or the economy - have many strategies to outcompete native plants. One such strategy is a different phenology. Phenology, often poetically referred to as "nature's timing", is the study of the relationship between the seasons and biological phenomena. This includes the tracking of when snowshoe hare's fur changes color; when the ripening of highbush blueberry fruit occurs in fall; and when the emergence of new leaves in the spring for many plants.

How does a different phenology - specifically leaf out - help many invasive plants? It allows them to establish their leaves in competitive growing space early, shade out native plants growing up under them, as well as allows them to start making energy before their native neighbors. This does, however, give us nature lovers a competitive advantage - long before the forest becomes a sea of greens, the stray leafed-out bush honeysuckle (*Lonicera* spp.) or burning bush (*Euonymus alatus*) sticks out like a sore (green) thumb. Specific shrub species whose phenology differs from many native species include the bush honeysuckles (*Lonicera* spp.), burning bush (*Euonymus alatus*) and potentially border privet (*Ligustrum obtusifolium*). So as you dust off your Newcomb's, fish your raincoat from the back of the closet and head into the woods, consider keeping an eye out for emerging invasive plants in your yard, woodlot or favorite outdoor space. If it is your yard or woodlot, consult New Hampshire's Guide to Upload Invasive Species [here](#) for management options. If you find an invasive plant in an outdoor locale that you love but are not responsible for, note the location and consider contacting the land manager to see how you may get involved in invasive plant control there.



## Foxes and Squirrels and Bluejays, oh my! Camera Traps for Natural Resources Inventory

On January 29th, 2021, a crew of Natural Resources Inventory students set up shop at Glover's Ledge. The students set up four camera traps, baited with peanuts and cooking bones, to attract and record videos and still photos of any critters that might pass by. Teacher's Assistant John Garrison noted that camera traps are a useful tool to remotely collect information about species occurrence and species richness, particularly for animals difficult to document in person. The class collected the cameras on February 13th, and found record of two Gray Foxes foraging in the snow, as well as footage and photos of Blue Jays and Eastern Gray Squirrels.



Camera trap photos of a Gray Fox and an Eastern Gray Squirrel, courtesy of Mike Akresh, John Garrison, and the spring 2021 NRI class.

## UPCOMING EVENTS

@ Glover's Ledge and nearby

### **MAR 27 @ 1PM: ANIMAL TRACKING \*ANTIOCHERS ONLY\***

JOIN CONBIO EXPERT ANDREA GROSSMAN TO LEARN HOW TO IDENTIFY ANIMAL TRACKS AND TRACES AT GLOVER'S LEDGE. **RSVP REQUIRED** - EMAIL [SLOBDELL@ANTIOCH.EDU](mailto:SLOBDELL@ANTIOCH.EDU) TO ATTEND

### **APRIL 3 @ 11:00AM: VERNAL POOLS 101**

JOIN HARRIS CENTER SCIENCE DIRECTOR AND VERNAL POOL ENTHUSIAST BRETT AMY THELEN FOR A VIRTUAL INTRODUCTION TO THE EXQUISITE, EPHEMERAL WORLD OF VERNAL POOLS. REGISTER [HERE](#)

### **APRIL 5 - 27: BEGINNERS ABENAKI LANGUAGE**

CURIOS TO LEARN THE LANGUAGE OF THE LAND? JOIN NDAKINNA EDUCATION CENTER'S JESSE BRUCHAC FOR WEEKLY ABENAKI LESSONS THROUGHOUT THE MONTH OF APRIL. REGISTER [HERE](#)

### **APRIL 4 @ 12:01AM - 11:59PM: SPRING BIOBLITZ!**

COME OUT TO GLOVER'S LEDGE ANYTIME ON SUNDAY, APRIL 4TH TO TAKE A STROLL AND RECORD AS MANY SPECIES AS YOU CAN ON INATURALIST. EMAIL YOUR FAVORITE PHOTOS TO [SLOBDELL@ANTIOCH.EDU](mailto:SLOBDELL@ANTIOCH.EDU) TO BE FEATURED IN THE NEXT GLOVER'S LEDGER!

### **APRIL 6 @ 7:15PM: WOODCOCK HIKE @ DISTANT HILL GARDENS**

JOIN EXPERT BIRDER STEVEN LAMONDE THROUGH THE FIELDS AND YOUNG FORESTS OF DISTANT HILL LOOKING FOR ONE OF OUR EARLIEST MIGRATING SPRING BIRDS, THE AMERICAN WOODCOCK. **RSVP REQUIRED** - REGISTER [HERE](#)

### **APRIL 23 @ 7:00PM: SPRING STARGAZING**

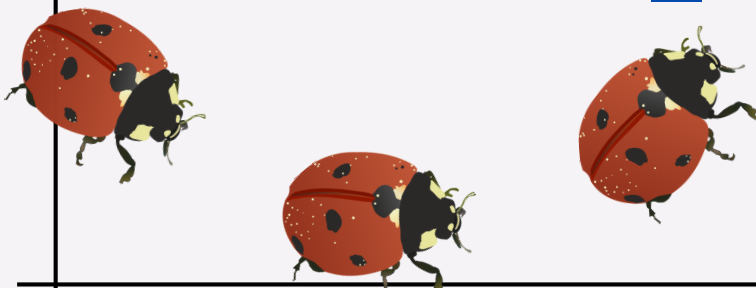
FIND OUT WHICH CONSTELLATIONS TO SEARCH FOR THIS SPRING AND WHAT CELESTIAL EVENTS ARE ON THE HORIZON! REGISTER [HERE](#)

### **APRIL 25 @ 3:30PM: VERNAL POOL BINGO \*ANTIOCHERS ONLY\***

JOIN ANTIOCH BIRD CLUB FOR A ROUSING AND EDUCATIONAL GAME OF VERNAL POOL BINGO, FOLLOWED BY A SUNSET CHORUS STROLL. **RSVP REQUIRED** - SPACE LIMITED. EMAIL [SLOBDELL@ANTIOCH.EDU](mailto:SLOBDELL@ANTIOCH.EDU) TO REGISTER

### **MAY 6 @ 7:00PM - CATERPILLARS!**

JOIN SAM JAFFE, FOUNDER AND DIRECTOR OF THE CATERPILLAR LAB, FOR A DEEP DIVE INTO THE WORLD OF NATIVE CATERPILLARS. REGISTER [HERE](#)







## - BIRD OF THE MONTH -

### BALD EAGLE

by Ally Gelinias, photo Nigel Voaden (eBird)

The Bald Eagle/Mgeso/Haliaeetus leucocephalus dwarfs most other raptors. It has a heavy body, large head, long, hooked bill, and holds its broad wings flat like a board in flight. Bald Eagles scavenge many meals by harassing other birds or by eating carrion or garbage. They eat mainly fish, but also hunt mammals, gulls, and waterfowl. Look for Bald Eagles near lakes, reservoirs, rivers, marshes, and coasts.

The largest Bald Eagle nest on record, in St. Petersburg, FL, was 9.5 feet in diameter and 20 feet tall. Another famous nest, in Vermilion, OH, was shaped like a wine glass and weighed almost 4,400 pounds. It was used for 34 years until the tree blew down. >[Sounds](#)

### FIDDLEHEADS

Thank you for coming out to our latest hike at Glover's Ledge for early spring edibles! We took a look at White Pine, Eastern Hemlock, Partridgeberry, and Yellow/Black Birch. We were able to see the spore fronds of a beloved spring edible - Ostrich fern/Masozzi - but no fiddleheads yet! Check out the guide from our spring edible hike [here](#) to learn how to identify the spore fronds of Ostrich fern, how to tell them apart from the common look alike Cinnamon fern, and how to sustainably harvest and prepare this delectable spring edible!

**Thanks for Visiting!!**

WE WANT TO HEAR FROM YOU! HAVE AN IDEA FOR AN ARTICLE? WANT TO LEAD A HIKE?

CONTACT SARA LOBDELL ([CSLOBDELL@ANTIOCH.EDU](mailto:CSLOBDELL@ANTIOCH.EDU))

GLOVER'S LEDGE ENVIRONMENTAL EDUCATION/OUTREACH COORDINATOR

FOR DIRECTIONS TO GLOVER'S LEDGE, VISIT: [GLOVERSLEDGE.WEBLY.COM/DIRECTIONS](http://GLOVERSLEDGE.WEBLY.COM/DIRECTIONS)

## TICK SAFETY

Tis' the season! After a long, blustery winter, the sun is getting stronger. We humans are stretching our legs and getting outside more often...and so are the ticks! Bites from Black-legged ticks can spread Lyme disease, and other ticks can carry other diseases. Take precautions to avoid tick bites in your adventures:

- Cover exposed skin with clothing, or with tick spray that is 20% or more DEET
- Wear long pants, tucked into socks
- Stay to the center of the path and avoid long grass/woodlands
- Check yourself AND your pets after hiking
- REMOVE TICK IMMEDIATELY if you find one attached. Grab tick with tweezers close to skin, and pull upward with even, steady pressure.
- Clean/sanitize the bite area

For more on prevention, inspection, and removal of ticks, see: <https://tickfreenh.org/>

### BLACKLEGGED TICKS Carry Lyme Disease



(actual size)



Adult Female



Adult Male



Nymph

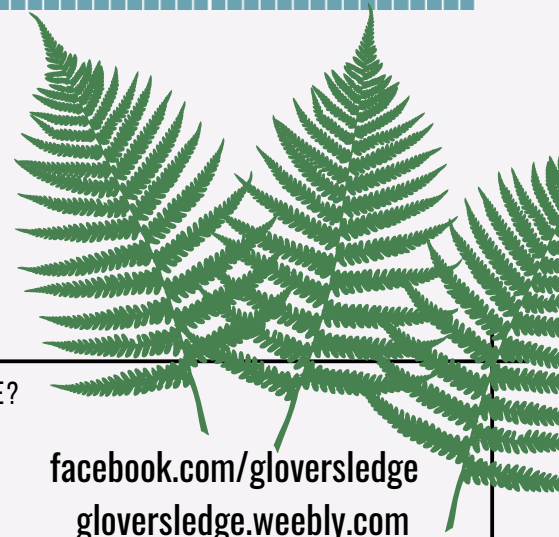


Larva



### DOG TICKS

2"



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