



Signs of the Seasons: A New England Phenology Program

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SOS Webinar Series

Our goal with these webinars is to provide easily accessible information that relates phenology, our indicator species, and research happening in New England. Several of the previously recorded webinars feature experts who are direct partners with Signs of the Seasons and/or serve on our Advisory Team. Other webinars highlight work being done by local researchers on topics relevant to phenology and the species that we observe.

Webinars are typically about 1 hour long. This includes a presentation time of approximately 40-45 minutes and a Q&A session of about 15-20 minutes. Q&A sessions are facilitated by an SOS Team Member.

All webinars are free and open to the public, but we request that participants register ahead of time. The registration process allows us to distribute the log-in information that is needed in order to view and participate in the webinar. A link to the registration form will be posted when a webinar is announced. We record each webinar so that those who are unable to view the live event will have an opportunity to learn from the material and enjoy the presentation. Links to the video recordings are posted on this page (see below).

If there is a particular topic that you would like to see covered in a future webinar, please feel free to [contact us](#). We are limited to working with individuals who are able to coordinate their schedule to be able to present their research, but your feedback is helpful for prioritizing future topics.



Previously Recorded Webinars

The 2018 Webinar Series:

Wood frog research and ecology

Dr. **Kristine Hoffmann** provides an overview of Maine amphibians and then focuses on a local wood frog research project. *(Recorded on June 28, 2018.)*

SOS Webinar: Dr. Kristine Hoffmann

Maine has 9 Species of Frogs

Watch on YouTube

Researching phenological change in Acadia National Park: from hikes to experimental gardens.

Dr. **Caitlin McDonough MacKenzie** shares a research update on her work in Acadia National Park and introduces a new project that includes the use of experimental gardens on Cadillac Mountain. *(Recorded on June 7, 2018.)*

Researching Phenological Changes in Acadia National Park by Caitlin McDonough MacKenzie

TEMPERATURE LOGGERS

Watch on YouTube

Advancing phenology: tracking changes of birds, bugs, and select plants in the Acadia Region.

Seth Benz, Director of the Bird Ecology Program at the Schoodic Institute at Acadia National Park and a Signs of the Seasons Program Advisor, provided an overview of the phenology-related projects happening throughout the park. *(Recorded on May 24, 2018.)*

2018 SOS Webinar Advancing Phenology in Acadia National Park by Seth Benz

Warming expected in Acadia by the 2080s: -4.5-10°F

Warming since last glacial maximum (20,000 years ago): -8°F

2014 National Climate Assessment

Watch on YouTube

Introducing Aneccdata for Coastal SOS Monitoring.

Join us as we introduce Aneccdata as the online database for our Coastal SOS Monitoring program. Featuring **Duncan Bailey**, Systems Developer for Aneccdata and the MDI Biological Laboratory. *(Recorded on June 6, 2018.)*

Coastal Signs of the Seasons Aneccdata Webinar

Aneccdata

Powering your citizen science project using Aneccdata.org

Duncan Bailey
Co-creator, Aneccdata.org
Systems Developer, MDI Biological Laboratory

Watch on YouTube

The 2017 Webinar Series:

Uncovering the Past Through Maine's Historic Phenology Data

Learn about Dr. **Caitlin McDonough's** research to uncover, compile, and analyze phenology resources in the understudied region of northern New England and quantify the flowering and leaf out responses of species and populations in these plant communities. In this webinar, she talks about her historic collaborators — a hunting guide's journal from mid-twentieth century northern Maine and the 1894 *Flora of Mount Desert Island, Maine*. *(Recorded August 4, 2017.)*

Uncovering the Past Through Maine's Historic Phenology Data

PHENOLOGY & NATURAL HISTORY

Watch on YouTube

The State of Maine's Loons

Where do loons go in winter? What do they eat? How many are in Maine? How are they impacted by climate change? Learn the answers to these and many more questions in this short, informative multimedia webinar. The webinar also looks at population changes over the last 33 years, research on causes of mortality, and efforts to conserve their lake habitat in Maine. *(Recorded July 13, 2017.)*

2017 07 13 15 09 The State of Maine's Loons

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MAINE AUDUBON

Watch on YouTube

Coastal Research Update

This program provides an introduction to Signs of the Seasons coastal observing protocols and an *Ascophyllum nodosum* (rockweed) research update by our collaborating scientist, Dr. **Jessica Muhlin** from Maine Maritime Academy. *(Recorded June 20, 2017.)*

2017 Signs of the Seasons Coastal Research Update

Rockweeds (fucoid algae) are intertidal seaweeds that are lithophytes (rock-loving)

Fucus vesiculosus
Bladder wrack, Lady wrack, rockweed, Nova Scotian kelp

Ascophyllum nodosum
Rockweed, Norwegian kelp, Knotted wrack, Knobbed wrack, Asco, Sea whistle, Egg wrack

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