Cooperative Forestry Research Unit

Project updates

10:00 – 11:30 a.m., May 12, 2026

Join via Zoom

Time	Project	Description
10:00 - 10:10 a.m.	**Welcome -** Review of ongoing and new projects Regina Smith, Program Manager, Cooperative Forestry Research Unit	New to the CFRU or want to know more about how your organization helps drive the direction of our applied research mission? Join us for an overview of current CFRU projects and learn more about the newest work we're supporting - 7 research projects were approved this spring and are set to begin this summer!
10:10 - 10:25 a.m.	**Update -** Spruce Budworm Lab Angela Mech, Associate Professor of Forest Entomology, Spruce Budworm Lab Director, University of Maine	The Spruce Budworm Lab monitors spruce budworm populations by partnering with landowners, managers, and foresters across the region. Collaborators collect branches in late summer/fall and submit them to the Lab for assessing overwintering larvae (better known as L2s). The SBL produces weekly maps with updated L2 data. Join us to hear how the 2025 processing season is wrapping up.
10:25 - 10:40 a.m.	**Update -** Birds as indicators of forest management sustainability in Maine: an evaluation of past surveys and future assessment approaches - update Amber Roth, Associate Professor of Forest Wildlife Management, University of Maine	Line-transect bird surveys have been conducted on Maine Adaptive Silviculture Network sites since 2017, pre-and-post experimental harvest. This project utilizes autonomous recording units (ARUs) to record bird vocalizations on MASN sites for post-processing analysis. This alternative survey approach requires less bird identification expertise and creates an opportunity for improved year-to-year consistency of species identification. Join us to hear about summer plans for the ARUs and what we've learned so far.
10:40 - 10:55 a.m.	**Update -** NAIP for developing enhanced forest inventories in Maine Tony Guay & David Sandilands, Remote Sensing Specialists, Wheatland Geospatial Laboratory, University of Maine	Learn about how freely available NAIP imagery is being researched as an alternative to LiDAR to conduct enhanced forest inventories (EFIs). This project compares data from LiDAR-derived EFIs and NAIP-derived EFIs to test the accuracy of freely available imagery for EFI use.

The University of Maine System is an equal opportunity institution committed to nondiscrimination.

10:55 - 11:00 a.m.	***Break***	
11:00 - 11:15 a.m.	**Update -** Movement ecology of wood turtles (Glyptemys insculpta) in Maine's working forests - update Matthew Chatfield, Assistant Professor of Evolution and Eco-Health, School of Biology and Ecology, University of Maine Sequoia Dixson, M.S. student, Ecology and Environmental Science, University of Maine	The wood turtle *(Glyptemys insculpta)* is a Species of Greatest Conservation Need in the most recent version of the State's Wildlife Action Plan and is currently listed on the U.S. Endangered Species Act. The working forests of northern Maine are thought to support relatively intact populations that may be critical to the long-term persistence of the species. The goal of this project is to provide a detailed understanding of movement patterns and habitat selection of wood turtles on Maine's forestry lands.
11:15 - 11:30 a.m.	**Final presentation -** Understanding white pine's responses to future environmental changes: Developing strategies to reduce damage caused by the white pine weevil Bill Livingston, Associate Professor of Forest Resources, University of Maine	This study connects environmental factors to weevil damage on white pine by utilizing FIA data for the region, as well as field studies conducted by the research team across the region. Now completed, hear from the lead researcher on risk maps, predicted "low hazard locations" for weevil damage, and future research directions for eastern white pine.

THE UNIVERSITY OF MAINE

The University of Maine System is an equal opportunity institution committed to nondiscrimination.