

# 2020 Forestry and Wildlife Research Review

Thursday, January 9, 2020

Cloquet Forestry Center, Cloquet, MN

## Draft Agenda:

Draft last updated 12/03/2019

---

8:00 am	Check in and poster set up	
<b>8:45 am</b>	<b>Welcome</b>	Eli Sagor, <i>UMN SFEC</i>
<b>8:50 am</b>	<b>Block 1:</b>	
	Monitoring tick and mosquito diversity, phenology, and infection prevalence in Minnesota's forests	Jenna Bjork, <i>Minnesota Department of Health Vectorborne Diseases Unit</i>
	✂ Changes in bat call abundance pre- and post white-nose syndrome using mobile acoustic surveys in Minnesota	Melissa Boman, <i>MN DNR, MN Biological Survey</i>
	Influence of forest structure, composition, and management on snowshoe hare habitat selection	Tanya Roerick, <i>Leech Lake Band of Ojibwe</i>
	✂ Minnesota fisher den box project update	Michael Joyce, <i>UMD Natural Resources Research Institute</i>
	Predicting availability of Wood Duck nesting habitat in the forests of north-central Minnesota	Edmund Zlonis, <i>MN DNR FAW</i>
	✂ Assessing watershed conditions using FIA and land cover data to monitor cold water fish within Great Lakes basins.	Patrick Landisch, <i>University of Minnesota</i>
<b>10:15 am</b>	<b>Break and Poster Session A</b>	All lightning talks before lunch and Session A poster only presentations
<b>10:50 am</b>	<b>Block 2:</b>	
	Diving into Lake States Forest Dynamics with FIA Data	Alan Ek, <i>UMN Department of Forest Resources</i>
	✂ Online web application for assessing timber resources of the Great Lakes region	Paul Klockow, <i>UMN Department of Forest Resources</i>
	✂ Using forest structural attributes to project wildlife habitat suitability: an application of SilviaTerra Basemap	Brian Clough, <i>SilviaTerra</i>

---

	Rapid Assessment of Forest Wildlife Habitat using Traditional Forest Inventories.	John Zobel, <i>University of Minnesota</i>
	✎ tidyFIA: an R package for interaction with Forest Inventory and Analysis data	Henry Rodman, <i>SilviaTerra</i>
	✎ Future adaptability of natural regeneration in red pine-dominated stands following experimental harvest	Lewis Wiechmann, <i>Iowa State University</i>
12:00 pm	Lunch	
<b>12:50 pm</b>	<b>Block 3:</b>	
	✎ Location Matters: composition, structure, and growth of silver maple forests along the Upper Mississippi River	Daniel Nielsen, <i>UMN Department of Forest Resources</i>
	✎ Building Resiliency in Lowland Ash Forest Ecosystems	Colleen Matula, <i>Wisconsin Department of Natural Resources</i>
	Dwarf Mistletoe & Forest Management: What, Who, and How?	Marcella Windmuller-Campione, <i>UMN Department of Forest Resources</i> Charlie Blinn, <i>UMN Department of Forest Resources</i>
	✎ Is Infestation Predictable? Risk Factors Associated with Eastern Dwarf Mistletoe Infestation in Lowland Black Spruce	Ella Gray, <i>University of Minnesota</i>
	✎ Avian responses to peatland forest management	Stephen Kolbe, <i>UMD Natural Resources Research Institute</i>
	Practitioner panel on the Great Lakes Silviculture Library:	
	Northern Red Oak Shelterwood	Mark Westphal, <i>Carlton County Land Department</i>
	Vegetation response 30 years after initiating a two-step oak shelterwood in central mesic hardwoods	John Korzeniowski, <i>MN DNR</i>
	Comparing regeneration results from fall and winter two-step oak shelterwood harvests	Troy Holcomb, <i>MN DNR</i>

	Comparing Fall vs. Winter Shelterwood Harvests	Bob Kangas, <i>Aitkin County Land Department</i>
	✓ Trees and Shrubs Present in Unmanaged and Managed Oak Wilt Pockets	Brian Schwingle, <i>Minnesota DNR</i>
	✓ Site-level Forest Management Guideline Monitoring: An evolving look at guideline implementation following timber harvesting in Minnesota	David Wilson, <i>MN DNR-Forestry</i>
	✓ Declining Quaking Aspen Health in Response to Drought and Fire	Alysha Brooks, <i>Bemidji State University</i>
<b>2:25 pm</b>	<b>Break and Poster Session B</b>	All lightning talks after lunch and Session B poster only presentations
<b>3:00 pm</b>	<b>Block 4:</b>	
	Northern Long-eared Bats in Minnesota	Ron Moen, <i>University of Minnesota Duluth</i>
	Fifteen years of managing for multi-aged, mixed-species red pine forests	Brian Palik, <i>USDA Forest Service- Northern Research Station</i>
	The effect of season of prescribed fire on breeding bird and plant communities in Minnesota lowland brush ecosystems	Rebecca Montgomery, <i>UMN Department of Forest Resources</i>
<b>4:05 pm</b>	<b>Closing and adjourn</b>	Eli Sagor, <i>UMN SFEC</i>

## Poster only presentations:

<b>10:15 am</b>	<b>Poster Session A:</b>	
	Adaptive Silviculture for Climate Change (ASCC) and Seedling Drought Responses	Jamie Mosel, <i>UMN Department of Forest Resources</i>
	Alteration of habitat and food webs associated with failing culverts in northern forest streams	Sue Eggert, <i>USDA Forest Service, Northern Research Station</i>
	Applications of historical ecology to red pine silviculture	Lane Johnson, <i>UMN Cloquet Forestry Center</i>

	Conserving Minnesota's Forest Birds of Management Concern	Ryan Steiner, <i>UMD Natural Resources Research Institute</i>
	Forest Inventory Contributions to Monitoring Biodiversity	Mark Nelson, <i>US Forest Service- Northern Research Station</i>
<b>2:25 pm</b>	<b>Poster Session B:</b>	
	Impact of Diplodia Shoot Blight on Understory Red Pine	Eric Otto, <i>MN DNR</i>
	What's Alive? Understanding the relationship between eastern larch beetle damage and tamarack regeneration	<i>Mike Reinikainen, MN DNR</i>
	Where Will the Ash Wood Go? Gaining Forest Industry Perspectives on the Use of Ash Wood in Anticipation of Emerald Ash Borer	Libbie Ring, <i>University of Minnesota</i>
	Wild Blueberries and Forest Management Strategies	Sara de Sobrino, <i>University of Minnesota</i>