



ONLINE COMMUNICATIONS

UMN EXTENSION'S MYMINNESOTAWOODS SITE

Eli Sagor

[esagor, esagor@umn.edu](mailto:esagor@umn.edu)

NRC: Engaging Private Forestland Owners
in Issues Related to Climate Change

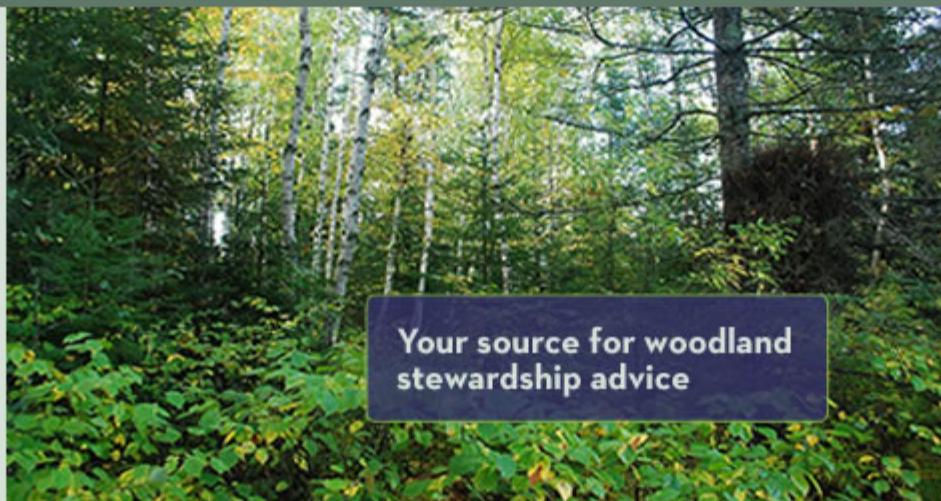
<http://z.umn.edu/NRCsagor>

My Minnesota Woods

[Agroforestry](#)[Legal and Financial](#)[Nontimber Forest Products](#)[Urban Natural Resources](#)[Woodland Care](#)[Search MyMinnesotaWoods:](#)[Google™ Custom Search](#)[Search](#)[Stewardship Plan Preparers](#)[Discussion Board](#)[Monthly Email Update: Archives](#)[Upcoming Events](#)[Extension Forestry Team](#) UNIVERSITY OF MINNESOTA

Oak wilt risk status

LOW RISK

[CLICK FOR INFORMATION](#)[Add oak wilt status to your site](#)

[September 2013 Community Forestry "Best Planting Practices" & Tree Inspector Recertification Workshops](#)

[Read the August 2013 update now](#)

[Poem of the month: Red Tail](#)

[Ecological silviculture in mixed stands: June 2013 workshop review](#)

[Extension's 2013 Bioenergy Webinar Series](#)

[Read the June 2013 update now](#)

[Northern Minnesota phenology: Orb weaver spider](#)

University of Minnesota Forest Resources Extension

SUBSCRIBE

Follow sitewide updates:



[More about subscription options.](#)

MONTHLY UPDATE



August 2013

Upcoming events

MI Shrub Tree Advisory Committee Field Day: St. Paul, August 15 (Invited)

Minnesota Phenology: How to monitor seasonal changes. Cloquet, August 17

Forest Adaptive Planning and Practices: Kenosha, WI, August 28-29

Wood Markets, and Past, Present and Future Processing Plans: An outlook of Woody Biomass Industry in Minnesota. Online, August 26

Landscape for Insects, Edibles, Energy, Improved Pasture and Ecosystem Services: Winona, September 5

Benefits of Pellet Fuel Production: Online, September 16

Extension's bioenergy webinar series starts this month

Extension will offer 7 web-based seminars, or "webinars" on bioenergy, in 2013. Kicking off the series on August 26, MN DNR's Steve Vengroff will discuss wood industry trends in Minnesota, including solid wood to engineered wood to what we are seeing "around the corner". [Learn more, and register here.](#)

Managing mixed stands: An ecological silviculture approach

Good woodland management works with, not against, natural stand development. How do land managers "read the land" clearly enough to make decisions about the optimal composition and growth of their woods decades or longer into the future? This month we have photos and a review from a summer field workshop on ecological silviculture in northern Minnesota's mixed woods. [Check it out.](#)

Phenology: Monitoring Seasonal Change

Sign up for our  Email Newsletter

[GO](#)

Privacy by  SafeSubscribeSM

[Monthly email update: Archives](#)

PREMISES:

Desired impacts:

Keep forest land forested

Increase productivity

Focus on adaptation:

Monitoring, awareness

Active management essential

Informed, forward looking

GENERAL STRATEGIES:

Use low-cost, accessible platforms to answer basic questions, e.g.:

How to find a forester?

What are my options?

What forest health issues should I watch for?

Accessible: Broadly defined

Offer workshops for deeper engagement, learning

Core audiences
Impact focus



Circle back: Use digital media to amplify, broaden reach

[My Minnesota Woods](#) > [Woodland Care](#) > [Silviculture](#) > Ecological silviculture in mixed stands: June 2013 workshop review

Ecological silviculture in mixed stands: June 2013 workshop review

By [Eli Sagor, UMN Extension](#)

How do land managers "read the land" well enough to make long term decisions about the future composition and growth of their woods? One important tool is [ecological classification systems](#). ECS is a framework to identify native plant communities early on, when planning treatments to harvest mature trees and make decisions about what to favor for the next rotation. Early in June 2013 I attended a field workshop about [ECS-based silviculture](#) in mixed northern Minnesota woods offered by the University of Minnesota's [Sustainable Forests Education Cooperative](#). I brought back a few stories and pictures to present here.

The workshop was led by Cheryl Adams of [UPM – Blandin Paper Company](#). All of the tour stops were on Blandin lands and reflect decisions that the company has made for its own land. John Almendinger of [MN DNR – Forestry](#), and Tony D'Amato of the [UMN Department of Forest Resources](#) also helped out with instruction.



The common thread running through the sites we saw was that silvicultural strategies that are closer to natural forest development patterns tend to

CLIMATE STRATEGIES:



FOCUS ON FOREST HEALTH



COMBINE FORESTRY WITH CONTENT WITH BROADER APPEAL



INVITE, ENABLE DIALOGUE

3 Responses to “Tick-borne diseases in Minnesota”

Dennis Hummitzsch says:

June 11, 2013 at 10:48 am [\(Edit\)](#)

Note that a few cases of Rocky Mt Spotted Fever has been diagnosed on dogs in Intl Falls. Would like an updat on that prevalence and perhaps relation information on confirmed diseases in dogs/pets.

Rose Baglia says:

June 11, 2013 at 1:04 pm [\(Edit\)](#)

This is an excellent presentation! I have been treated for Lyme 5 times over the past few years! Always with Doxycycline- sometimes for 6 weeks or longer! I feel that this is a chronic condition that resurfaces annually! I have a lot of arthritis symptoms now. It is good to learn more about the current strains of this disease and alternative treatment strategies!

Erik Eggen Timberlane Forestry says:

June 12, 2013 at 9:10 am [\(Edit\)](#)

The best preventive measure is to spray your work pants, boots, cruisers vest and chaps with something that has permethrin as an active ingredient. I buy 6 or 8 cans at a time at Fleet Farm. Don't get it on your skin, but spray everything

TACTICS

DELIVER THE CONTENT



Flickr: [andy in nyc](#)



UNIVERSITY OF MINNESOTA
EXTENSION

August 2013

Upcoming events

MN Shade Tree Advisory Committee Field Day: Saint Paul, August 15 (tomorrow)

Minnesota Phenology: How to monitor seasonal changes. Cloquet, August 17

Forest Adaptation Planning and Practices: Kenesha, WI, August 20-21

Wood Markets, and Past, Present and Future Processing Plants: An outlook of Woody Biomass Industry in Minnesota: Online, August 26

Landscaping for Income, Edibles, Energy, Improved Pasture and Ecosystem Services: Winona, September 5

Benefits of Pellet Fuel Production: Online, September 16

Minnesota Tree Farm Inspector Training: Cloquet, September 19

Quality Deer Management Association Training: Cloquet, September 19

Midwest Residential Fuel



Extension's bioenergy webinar series starts this month

Extension will offer 7 web-based seminars, or "webinars" on bioenergy, in 2013. Kicking off the series on August 26, MN DNR's Steve Vongroven will discuss wood industry trends in Minnesota, including solid wood to engineered wood to what we are seeing "around the corner". [Learn more, and register, here.](#)



Managing mixed stands: An ecological silviculture approach

Good woodland management works with, not against, natural stand development. How do land managers "read the land" clearly enough to make decisions about the optimal composition and growth of their woods decades or longer into the future? This month we have photos and a review from a summer field workshop on ecological silviculture in northern Minnesota's mixed woods. [Check it out.](#)

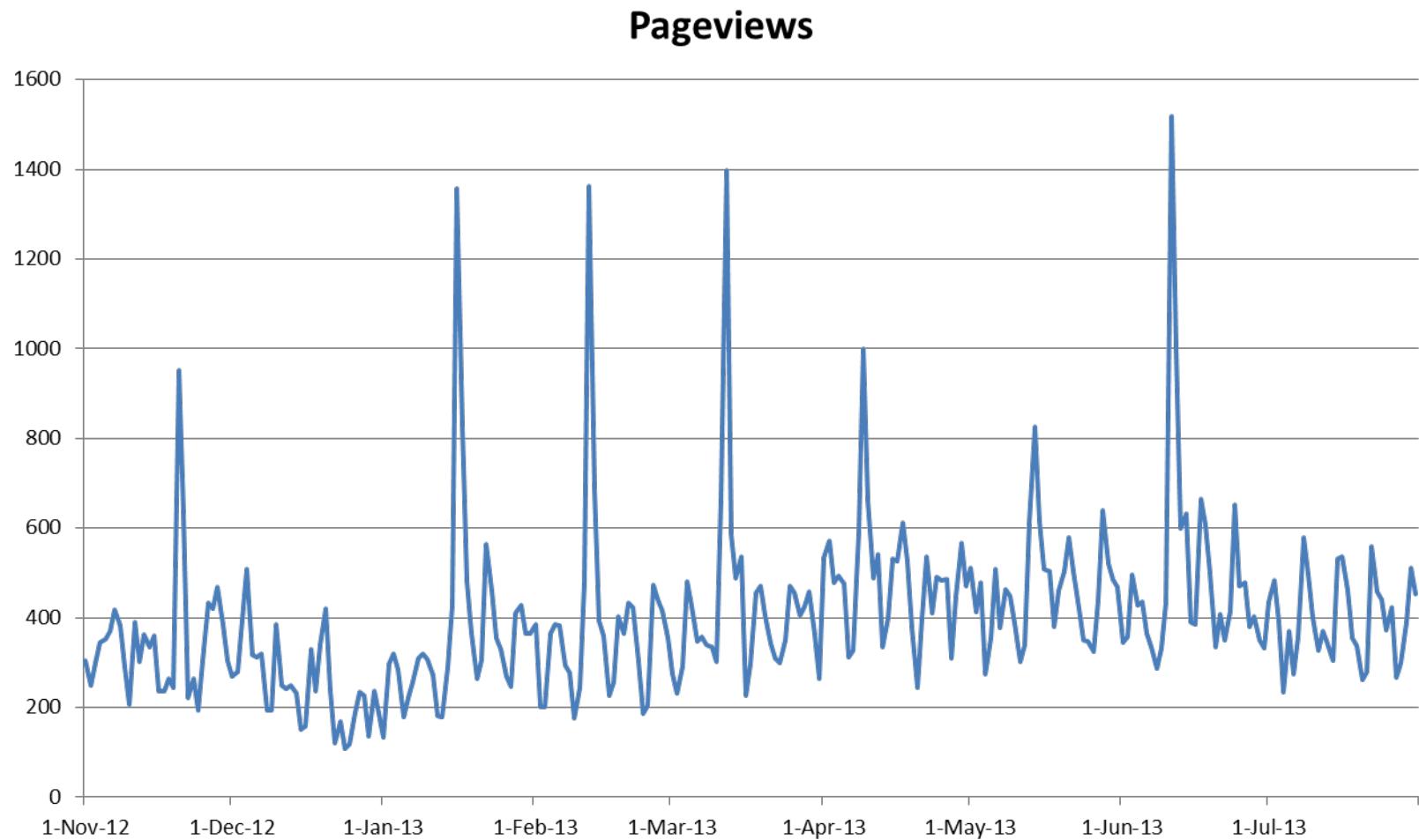


Phenology: Monitoring Seasonal Change

Monitoring seasonal changes on your property can be not only informative and rewarding, but also helpful to researchers interested in tracking phenological patterns and changes in



DELIVER THE CONTENT: EMAIL



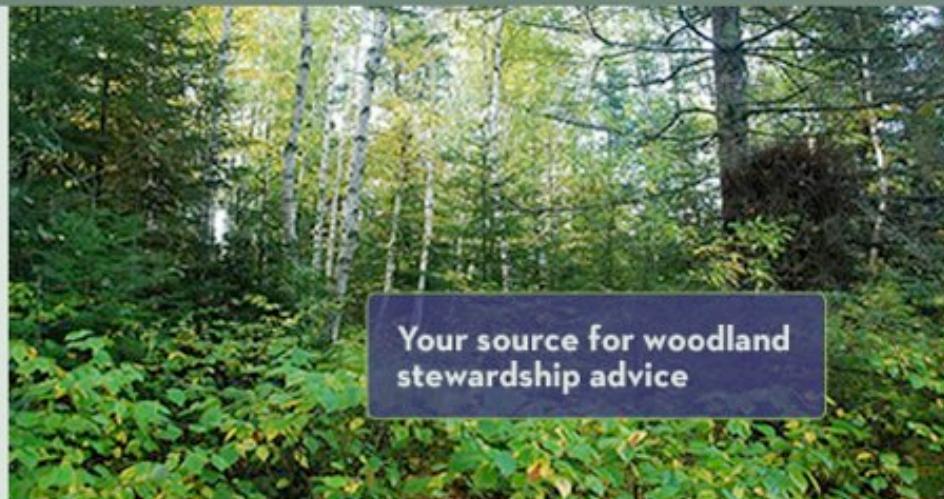
AUTOMATE, PUBLISH IN MULTIPLE LOCATIONS



Embeddable anywhere
Automatically updates
Links back to Extension

My Minnesota Woods

University of Minnesota Forest Resources Extension

[Agroforestry \(24\)](#)[Legal and Financial \(60\)](#)[Nontimber Forest Products \(23\)](#)[Urban Natural Resources \(93\)](#)[Woodland Care \(189\)](#)**Search MyMinnesotaWoods:**[Find a forester \(New!\)](#)[Discussion Board](#)[Monthly Email Update: Archives](#)[Upcoming Events](#)[Extension Forestry Team](#) UNIVERSITY OF MINNESOTA[CLICK FOR INFORMATION](#)[Oak wilt risk status in Minnesota](#)[EAB: A Different Perspective](#)[Project Learning Tree Releases New Early Childhood Curriculum](#)[Learning from the future: The family forest in 2058](#)[Read the March 2010 update](#)[Poem of the Month: Mud Season](#)[Workshop on controlling forest pests, diseases, and woody
invasives: Andover March 16, 2010](#)

SUBSCRIBE

Follow sitewide updates:

[More about subscription options.](#)

MONTHLY UPDATE

My Minnesota Woods

March 2010

Upcoming events:

Intergovernmental Land Transfer
Part 1, March 9 (Webinar)Property Tax & Incentive
Payments for Forest Land, March
9 (Webinar)Property Tax & Incentive
Payments for Forest Land, March
11 (Webinar)Bio-After Woody Biomass
Harvester Demonstration, March
12 (Fitchwood)Invasive Species & Forest Health
(Informational Webinar) Find a forester! New map of
Minnesota Stewardship Plan
writers

We've created a new online map to help woodland owners and local
agencies find qualified Minnesota
Plan preparers. The new map
includes private consultants,
industry foresters, SWCD and
DNR Foresters. Everyone on
the map is up to date with what you'll need to
know in case of Minnesota's property tax and
incentive payment programs. [Check out the new
map now.](#)

 March Webinar: Carbon Credits
for MN Woodland OwnersExtension's Dickey Zamora [Subscribe by email](#)[Monthly email update: Archives](#)

MOST POPULAR CONTENT

[Property tax relief for Minnesota forest
landowners](#)[Extension's 2010 woodland webinar
series](#)



In your backyard

- [Main page](#)
- [Aquatic plant guide](#)
- [Backyard tree care](#)
- [Bird feeding tips](#)
- [Forest Legacy Program](#)
- [Forest stewardship](#)
- [Gardens](#)
- [Invasive species](#)
- [Living with wildlife](#)
- [Neighborhood wilds](#)
- [Prairie restoration](#)
- [Roadsides for wildlife](#)
- [Shoreland management](#)
- [Volunteering](#)
- [Adopt-A-River](#)
- [Avian Influenza](#)

Backyard tree care

One of the simplest things you can do to help the environment is to plant a tree.

The tree will be in your yard for decades.

But there is much more involved than just putting a tree in the ground. It is critical that you choose the right tree and the right location to get the most from your tree. To make your tree live longer, regular maintenance is necessary. These pages will help you select the right tree, plant it correctly, keep it healthy, and utilize it when it eventually dies. Also check the [Community Forestry page](#) for more tips.



Alerts!

- Protect our Trees from Bad Bugs — [Don't Move Firewood](#)

Tree Planting

- [Recommended Trees for Minnesota by Region](#) EXT
 - [Recommended Trees for Northwest and Central Minnesota](#) EXT
 - [Recommended Trees for Southeast Minnesota](#) EXT
 - [Recommended Trees for Southwest Minnesota](#) EXT
 - [Recommended Trees for Northern Tallgrass Prairie](#) EXT
- [Tree Planting 101](#) EXT

IMPACT: MODELS OF CHANGE

Conversions

Repeated, deeper engagement

Build on core offerings: reinforce, add value



OAK WILT “WIDGET”



65% of traffic on oak wilt page comes from widget

45% go on to view other Extension content

SUMMARY

Adaptation

Combine broadcast + targeted education

Content: Forest health, surround with broadly appealing content, invite dialogue

Put it where they look

Focus on impact, measure “conversions”

More: <http://z.umn.edu/NRCsagor>