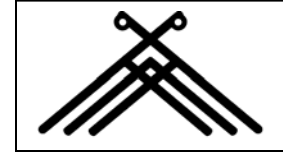


# ***Northern Sustainability Symposium***

## ***Resources from a Changing Forest***

Updated March 19, 2015



**May 1-3, 2015**

North House Folk School

[www.northhouse.org](http://www.northhouse.org)

888-387-9762

For centuries, the iconic trees of the North Shore-- birch, maple, white and red pine, spruce and ash have provided all the materials a craftsperson in the boreal forest has needed. But there's little question the forest is changing as Minnesota's climate warms. During the Northern Sustainability Symposium, we will explore the changing forest through the eyes of craft: what can be made using tree species that will do well in our changing climate, which new materials will become abundant, how can we take an active role in restoring the forest while sustainably harvesting, using and enjoying all the woods has to offer? Coursework includes wood carving projects, basketry, maple syrup production, native willow work, herbal medicines and more. Evening presentations, lunch and learn discussions and in the field tours will round out the weekend.

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### **HANDS-ON COURSEWORK – EDUCATE.**

Participate in a hands-on, positive learning environment and register for an event course. It's North House Folk School at its best, education with a purposeful outcome to enrich lives and build community. Registration required. Tuition and materials fees vary.

#### **Starting April 30**

[Spoon Carving Tutorial I - 2 days](#)

#### **Starting May 1**

[Creating Sacred Space - 1 day](#)

[All Fired Up- 1 day](#)

[Cabin Masonry Stove Building- 3 days](#)

#### **Starting May 2**

[Black Ash Basketry: An Introduction - 2 days](#)

[Spoon Carving Tutorial II- 2 days](#)

[Soba Noodles- 1 days](#)

[Essentials of Cordwood Construction- ½ day](#)

[Willow Plant Supports for the Garden- 1 day](#)

#### **Starting May 3**

[Creating Your Home Herbal Apothecary - 1 day](#)

[Oh So Sweet: Maple Sugaring in Your Backyard- ½ day](#)

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## **LUNCH & LEARN SESSIONS: FRIDAY & SATURDAY**

Delicious food, fascinating conversations. Held at North House, BYO brown bag or pre-order a box lunch by April 28.

### **Friday, May 1 / Noon: Lunch & Learn: Restoring Lake Superior's North Shore Forest with Becky Bartol**

Lake Superior's North Shore Coastal Forest is a landscape of outstanding scenic qualities, high value natural resources, and incredible recreational opportunity. The forest is the essence of the North Shore economy and life-style. For those who live here and the thousands who visit each year, nurturing a healthy forest is critical to the sustainability of this unique and special place. The North Shore Forest Collaborative was formed in the interest of promoting a healthy forest ecosystem for today and generations to come. Learn about efforts to restore the conifer forest along the North Shore and how you can take an active role in making that restoration happen.

**Box Lunch catered by Dockside Fish Market (\$13, pre-order only):** Choice of smoked salmon or trout wrap in a tortilla shell, w/ homemade sauce, leaf lettuce and swiss cheese. Veggie wrap available. Served with chips, pickle and fruit.

### **Saturday, May 2 / Noon: Lunch & Learn: Boreal Birch Syrup: The Syrup of the North**

Move over maple: birch trees make their own deliciously different sap that can be boiled and transformed into birch syrup. Savory but mildly sweet, birch syrup is made right across the border by Boreal Birch Syrup, just outside of Thunder Bay. Join harvester Dave Challen as he discusses the process of syrup making and shares a few recipes that celebrate this treat from the boreal forest.

**Box Lunch catered by The Pie Place (\$13, pre-order only):** Wilderness Chicken Salad Sandwich on Cranberry Wild Rice Bread, chips, pickle and an Ultimate Chocolate Chip Cookie. Gluten free and veggie options available upon request

## **COMMUNITY GATHERINGS: FRIDAY & SATURDAY**

Join fellow students and community members for stimulating and engaging presentations and discussion about sustainability in the North.

### **Friday, May 1 / 7pm at North House**

#### **Instructor Dennis Chilcote: "Gathering Nature's Bounty"**

This talk will focus on the steps that I have used to gather raw materials, specifically for crafting, from the woods. These steps involve scouting, sometimes preparing, selecting, gathering, processing and storing materials such as birch, black ash and other trees, willow and other shrubs, grasses, birch bark and bark from other trees, and roots. I will also touch briefly on gathering other products from the forest as well, such as foods, both plant and animal. Respecting private property and securing the necessary permits for gathering materials from public lands will be covered. Health, safety and liability issues will also be mentioned.

### **Saturday, May 2 / 5:30 pm at North House**

#### **Wood-fired Community Pizza Potluck**

Bring your favorite pizza toppings to share and beverages for this casual, harbor-side pizza potluck as North House Folk School fires up the wood-fired oven and provides the dough. Enjoy good company and good eats!

### **7:30 pm at North House**

#### **Featured Speaker: Jim Manolis of The Nature Conservancy**

#### **"Stewarding Northeast Minnesota's Forests through a Changing Climate"**

There is little question that the forest and climate of the North Shore is changing—birch trees are aging out, ice-out dates and snowfall amounts are shifting, and southern Minnesota plant species are getting more common in the north. Will the spruces, pines and cedars give way to oak savannah? How can we care for and steward the beloved boreal forest that is such a quintessential part of the "up north" experience? Join Forest

Conservation Program Director Jim Manolis and Forest Manager Chris Dunham of the The Nature Conservancy for a presentation on what research shows about the changes expected to impact forests and examples of projects that can be done—even on an individual scale-- that aim to maintain forest health in the face of climate change.

Jim Manolis is Forest Conservation Program director for the Minnesota, North Dakota, and South Dakota chapter of the Nature Conservancy. His program focuses on building healthy and resilient forests in Northeast Minnesota through on-the-ground forest management projects. Throughout his life and career he has always maintained a strong connection to the North Woods. He worked as a canoe guide on the Gunflint Trail in the 1980s, conducted forest bird research in north central Minnesota in the 1990s, and led collaborative forest management projects near Finland, Minnesota in the 2000s. Prior to his current position with the Nature conservancy, he worked at the Minnesota Department of Natural Resources on forest conservation and climate change issues. He has a Ph.D. degree in Conservation Biology from the University of Minnesota.

## **LOCAL SOLUTIONS SERIES: SUNDAY**

### **Forest Restoration Tour, 10am-noon**

Join the North Shore Forest Collaborative on a field trip to explore the coastal forest. Learn about restoration techniques used by private landowners and land managers on the North Shore. Participants will meet at North House for a short introduction and can arrange car-pooling or drive independently.

**North House Folk School** is an independent educational nonprofit committed to enriching lives and building community by teaching traditional northern crafts in a student-centered learning environment that inspires the hands, the heart and the mind. During 2014, North House served more than 2,200 students through hands-on coursework and more than 15,000 people participated in North House's educational programs.

With 140 instructors and 350 plus courses, educational programming is offered throughout the year at North House Folk School. Call 218-387-9762 for a free course catalog or to register for courses. Additional information is available at [www.northhouse.org](http://www.northhouse.org).

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