



# 65th Annual North Central Forest Pest Workshop

September 19 – 22, 2016; Gaylord, Michigan



NCFPW Attendees, Hartwick Pines State Forest, Michigan, 2016.

The 2016 North Central Forest Pest Workshop was hosted by the Michigan Department of Natural Resources and held at Treetops Resort.

## Schedule

- ❖ The meeting began on **Monday, September 19<sup>st</sup>** with a fungal foray led by Drs. Gerry Adams and Dana Richter. Treetops is a premier golf resort and as a result, the 1<sup>st</sup> annual NCFPW golf invitational was inaugurated. While several holes were enjoyed, the game was cut short due to inclement weather. Registration, poster set-up, and a mixer were held at the Treetops Convention Center.
- ❖ Presentations began at 8:000 a.m. on **Tuesday, September 20<sup>nd</sup>**. Posters were available for viewing throughout the day. The morning session included talks related to forest health, while the afternoon session consisted of State and Provincial reports. Following a banquet on the lawn, Val Cervenka gave a forensic entomology presentation.
- ❖ **Wednesday, September 23<sup>rd</sup>** provided an opportunity to tour the forests of north-central Michigan via motor coach. Stops provided a first hand view of stands affected by white pine decline, redheaded pine sawfly, and oak wilt.
- ❖ On **Thursday, September 22<sup>th</sup>**, we continued our indoor technical session with talks on host resistance, forest management and forest health issues.

Link to detailed agenda: [AGENDA](#)

## Highlights and notable events

- ❖ There were 62 registrants and speakers who participated in all or parts of the meeting
- ❖ A number of amazing speakers from across the region discussed ongoing work. Topics included Asian longhorned beetle, white pine decline, emerald ash borer, digital sketchmapping, hemlock woolly adelgid, and *Septoria* canker.
- ❖ Val Cervenka gave an intriguing presentation on the application of entomology in the field of forensic science.
- ❖ The field trip ventured into the beautiful forests of Hartwick Pines State Park and North Higgins Lake State Park. In addition to field stops (see photos on following pages for highlights), attendees were led on an interpretive walk and visited a logging museum.
- ❖ The Business Meeting
  - Election of Sue Crocker and Andrea Diss-Torrance as Co-Historians and Brian Schwingle as Treasurer.
  - Election of new Members-at-Large on the Board of Representatives: Jason Gasparetto, Jess Hartshorn, and Linda Haugen.
  - NCFPW 2017 will be held in Missouri. Simeon Wright will serve as the Workshop Coordinator.
  - Read the complete minutes, posted here: [MINUTES](#)



*Hartwick Pines State Park Logging Museum*



*Interpretive walk through Hartwick Pines State Park*



*NCFPW 2016 Business Meeting*

## Registration Details

The cost for the entire meeting (all meals on Tuesday; breakfast, lunch and field trip Wednesday; and breakfast on Thursday) is \$190 if registered on or before August 19th, 2016. Student, retiree or out-of-state speaker registration rate is \$125 on or before August 19th. After August 19th, full registration and student registration will be \$240. Single day registration is the same price for students or non-students. Tuesday alone (including all meals) is \$90; Wednesday alone (meals and field trip) is \$90; Thursday morning alone (breakfast, break) is \$45. Registrations were payable via credit card through Paypal, or by check. Accommodations were available at Treetops Resort for \$75 plus tax.

## Thanks to the organizing committee

The Workshop Organizing Committee did a wonderful job in creating a very successful meeting; members included: Roger Mech (Chair), Bob Heyd, Scott Lint, Kelly Robbins, Margaret Spagnuolo, and Sharon Pitz. Additional thanks go to the NCFPW 2016 board members: Linda Williams, Toby Petrice, Linda Haugen, Robbie Doerhoff, Richard Wilson, Holly Petrillo, Brian Schwingle, Roger Mech, Syliva Greifenhagen, Sue Crocker, and Brad Kuehn. Photos were provided by Roger Mech, Linda Haugen, Simeon Wright, Syliva Greifenhagen, Sue Crocker, and Linda Williams.

# Field Tour



White pine decline. The scale insect (*Matsucoccus macrocitrices*) has been found throughout the eastern US and has been associated with various pathogens. While the native pathogen (*Caliciopsis pinea*) is found in Michigan, it is not the overwhelming cause of decline.



Discussion about redheaded pine sawfly.

A walk through the woods of Hartwick Pines State Park



Examining a beech affected by beech bark disease



Phil Marshall brought his trademark parched corn for sampling

# Field Tour (continued)

## Oak wilt management



Vibratory plow creates a trench to cut root grafts in an effort to prevent the spread of oak wilt



Fungicide injections



Removing the bark to examine old pressure pads



Vascular staining on branches due to oak wilt