

Forest Pest Alert

Balsam Woolly Adelgid

(*Adelges piceae*)



Balsam woolly adelgid-induced twig gouting on Fraser fir twig



Balsam woolly adelgid-in-balsam fir

Photos - William M. Ciesla, Forest Health Management International, Bugwood.org

- ✓ Balsam woolly adelgid (BWA) is a sap-feeding insect that attacks true fir trees, including balsam fir and Fraser fir. Repeated attacks weaken trees, cause twig gouting, kill branches and, over the course of several years, cause trees to die.
- ✓ There are nearly 1.9 billion balsam fir trees in Michigan's forests.
- ✓ Small (less than 1/32nd of an inch) purplish-black adults form white, waxy "wool," covering twigs, branches and stems of infested trees.
- ✓ BWA could be introduced into Michigan in a number of ways, including infested nursery stock, firewood, logs and vehicles.
- ✓ If you notice white, waxy material on twigs, branches or stems, or twig gouting on fir trees, do not move them! Take photos, note the location and report it to the following:



1-800.292.3939 | MDAInfo@michigan.gov

www.misin.msu.edu

Learn More:

www.michigan.gov/exoticpests and
www.na.fs.fed.us/pubs/fidls/bwa.pdf



Don't Move Firewood!