

# RESULTS OF 2008-2009 PENNSYLVANIA WOOD DESTROYING INSECT SURVEY

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## ABSTRACT

The Pennsylvania Department of Agriculture (DOA) participates in a variety of insect surveys each year to detect new and potentially invasive species affecting plants in Pennsylvania. Surveys are carried out by seasonal survey crews, permanent DOA staff, and cooperating agencies. Regardless of the target organism of a particular survey, specimens of the following groups are submitted to and identified to species by entomologists at the Pennsylvania DOA: Curculionidae (Scolytinae), Cerambycidae, Buprestidae, Pentatomoidea, Membracidae, Siricidae, and Apiodea. Surveys for exotic wood destroying insect pests were implemented in 2008 and 2009 targeting *Agrilus planipennis* Fairmaire, *Agrilus biguttatus* (Fabricius), *Anoplophora glabripennis* (Motschulsky), invasive Scolytinae, and invasive Cerambycidae. In some instances, experimental lure combinations proposed

by cooperating partners were used. Most surveys are conducted in cooperation with the USDA and U.S. Forest Service as part of national cooperative programs. Results for Cerambycidae, Buprestidae, and Scolytinae are compiled and presented. The combined surveys recorded 134 species of Cerambycidae totaling 4,373 specimens, 66 species of Buprestidae totaling 7,131 specimens, and 74 species of Scolytinae totaling 16,889 specimens.

Special acknowledgments are given to Dr. Larry Hanks and Dr. Jocelyn Millar for the use of “general Cerambycidae lures” and trapping protocols, to Dr. Kelli Hoover and Maya Nehme for *Anoplophora glabripennis* pheromone/plant volatile lures and trapping protocols, and to Robert Androw for sugar bait attractant and trapping protocols.