

Peer Review Plan

Topic of Review: Role of bark in insect infestation of heat-treated wood packaging **Influential Scientific Information**

Agency: USDA Forest Service **Highly Influential Scientific Assessment**
Northern Research Station

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Subject of Review: The influence of residual bark on insect colonization of logs and lumber after heat treatment to ISPM-15 specifications was investigated experimentally in the field. In addition, surveys were conducted for live insects on wood packaging at six U.S. ports of entry.

Purpose of Report: ISPM 15 is the first international standard for treating wood packaging material (WPM) used in international trade. ISPM 15 requires WPM to be either heat treated or fumigated prior to export. However, residual bark is allowed to be present on WPM. Concerns were raised in recent years that insects could infest WPM after treatment, especially if residual bark were present. Investigations were conducted to evaluate insect infestation of logs and lumber with varying amounts of bark after heat treatment. In addition, surveys were conducted at six U.S. ports for live insects on WPM that had been stamped with the ISPM-15 mark. These studies, among others, were used to revise ISPM 15 in 2009.

Type of Review: Panel Review Individual Reviewers
 Alternative Process (Briefly Explain):
Combination of peer review by experts selected by the authors followed by external peer-review by independent journal reviewers and editors

Timing of Review (Est.): Start: Oct 2008 End: Feb 2009 Completed: April 09

Number of Reviewers: 3 or fewer 4 to 10 More than 10

Primary Disciplines/Types of Expertise Needed for Review: Entomology, Plant pathology, Invasive species, Solid wood packaging materials, International trade regulation

Reviewers selected by: Agency Designated Outside Organization
The authors selected the first round of peer reviews and technical advice from 8 subject matter experts. Organization's Name: The editorial board of the Journal of Economic Entomology selected two reviewers for the journal and made final decision on acceptance.

Opportunities for Public Comment? Yes No

If yes, briefly state how and when these opportunities will be provided:

How:

When: _____

Peer Reviewers Provided with Public Comments? Yes No

Public Nominations Requested for Review Panel? Yes No

Other: _____

