



## The Exotic Forest Pest Website

- Risk information for North America
- Contains over 150 Invasive Pest Records

### Sponsored by:

- North American Forest Commission (NAFC)
- North American Plant Protection Organization (NAPPO)

**URL <http://www.spfnic.fs.fed.us/exfor/>**



## Pest Records

### Documentation

- pest identification
- detection and control methods
- biology

### Risk Assessment

- potential to establish and spread
- propensity to cause economic and environmental harm

### Risk Rating

- 1 = Very Low 9 = Very High



## Distribution Mapping

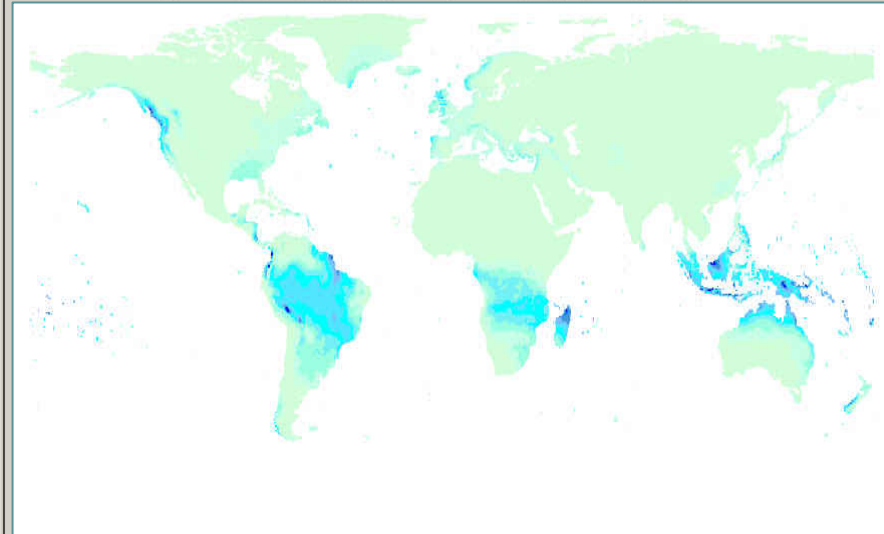
### Pest distributions

- native habitats
- introduced habitats

### Composite distribution: of hotspots for pests in the ExFor database:

- Current
- Introduced
- Potential

### Example: Potential Distribution





## HOME

Scope  
Definitions  
References  
Participants  
Guidelines

Welcome to the  
**North American Forest Commission  
Exotic Forest Pest Information System**  
(NAFC-ExFor)

Anyone is welcome to use the ExFor site, and to view the information contained within the database. To prepare or review a pest record, you must become a registered user of the system. To become a registered user, please fill out the [access form](#).

Please note: Due to system resource use requirements, users will have to log in to use the Potential Distribution Mapping Tool.

Navigate the ExFor system by using the links across the top of this page.

**Home:** Returns to this page.

**Pests:** Access a searchable database that provides fact sheets on pests that are a threat to North American forests. From this menu, you can view a variety of reports, add or update the pest information, or provide comments regarding an existing pest information sheet in the database.

**Contacts:** A list of people to contact regarding the Exotic Forest Pest Information System for North America.

**Admin:** Reserved for administrative users of the ExFor system.

**Exit:** Returns to the login page for ExFor.

ExFor is a joint project of the member organizations of the Insect and Disease Study Group of the North American Forest Commission (NAFC). These organizations include the Canadian Forest Service, the Canadian Food Inspection Agency, SEMARNAT (Sanidad Forestal, Mexico), the United States Department of Agriculture (USDA) Forest Service, and the USDA Animal and Plant Health Inspection Service.

Note: Check the [Guidelines](#) for instructions

Risk Rating Report -- [ExFor Database](#)

LAST UPDATED: 2/28/2008

# EXFOR

EXOTIC FOREST PEST INFORMATION SYSTEM FOR NORTH AMERICA



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Pest Type:

Pest Genus:

Pest Species:

Host Genus:

Host Species:

Geographic Regions:

Risk Ratings:

Authors:

Search

Search Again

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## INPUT STEPS

Pest Species:  
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- Initial Screening
- Pest Identification
- Hosts
- Distribution
- Biology
- Economic Impacts
- Environmental Impacts
- Control Measures
- Symptoms
- Morphology
- Identification Tests
- Movement
- Bibliography
- Establishment Potential
- Spread Potential
- Economic Impact Potential

## Population

Female:Male ratio:

Fecundity:

Maximum generation frequency:

Number of individuals required for population survival (Allee effect):

Percent survival: