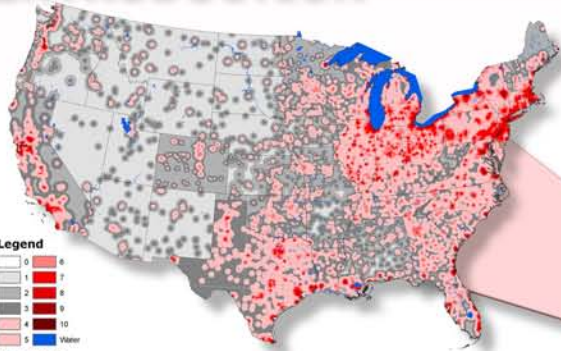


# HAZARD ASSESSMENT SURFACES FOR *SIREX NOCTILIO*



Small photo: *SIREX NOCTILIO* MARCUS BRUNNEN  
Photo by: Robert D. Overman  
www.fs.fed.us/foresthealth/technology/USGAL190264

## INTRODUCTION

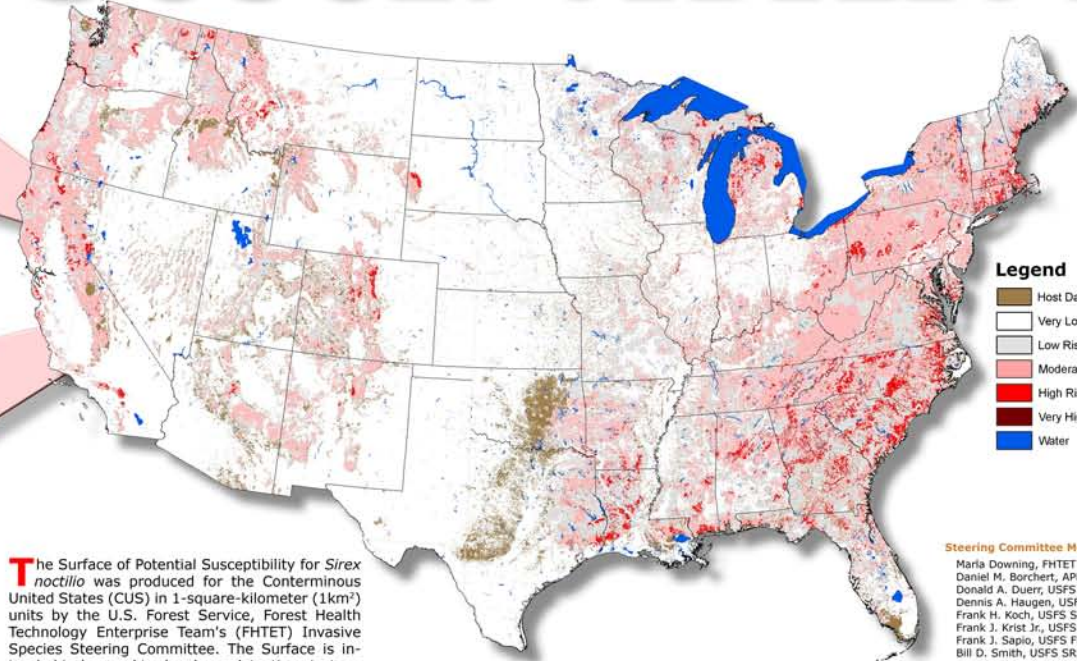


**Legend**  
0 = Lowest risk  
10 = highest risk

Introduction potential is determined by the:

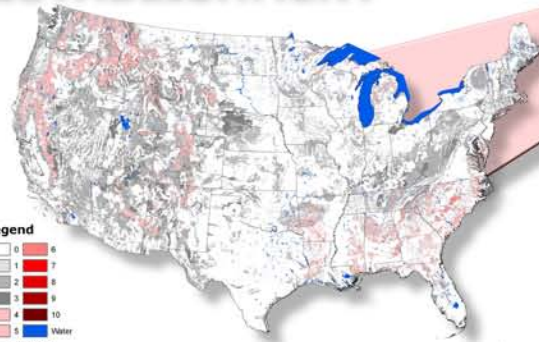
- Ports that handle commodities and solid wood packing materials shipped from countries where *Sirex noctilio* exists
- Distribution centers
- Markets
- States that receive commodities and solid wood packing materials from the state of New York

# SUSCEPTIBILITY



**Legend**  
Host Data Gaps  
Very Low Risk  
Low Risk  
Moderate Risk  
High Risk  
Very High Risk  
Water

## ESTABLISHMENT



**Legend**  
0 = Lowest risk  
10 = highest risk

Establishment potential is determined by the:

- Pine basal area
- Presence of susceptible hosts
- Soil wetness/dryness index

The Surface of Potential Susceptibility for *Sirex noctilio* was produced for the Conterminous United States (CUS) in 1-square-kilometer (1km<sup>2</sup>) units by the U.S. Forest Service, Forest Health Technology Enterprise Team's (FHTET) Invasive Species Steering Committee. The Surface is intended to be used to develop a detection strategy for monitoring *Sirex noctilio*.

Susceptibility Potential is the sum of an equal-weighted overlay of the Introduction Potential and the Establishment Potential.

$$(\text{Susceptibility Potential} = \text{Introduction Potential} + \text{Risk Potential})$$

**Steering Committee Members:**

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[http://www.fs.fed.us/foresthealth/technology/invasives\\_sirexnoctilio\\_riskmaps.shtml](http://www.fs.fed.us/foresthealth/technology/invasives_sirexnoctilio_riskmaps.shtml)