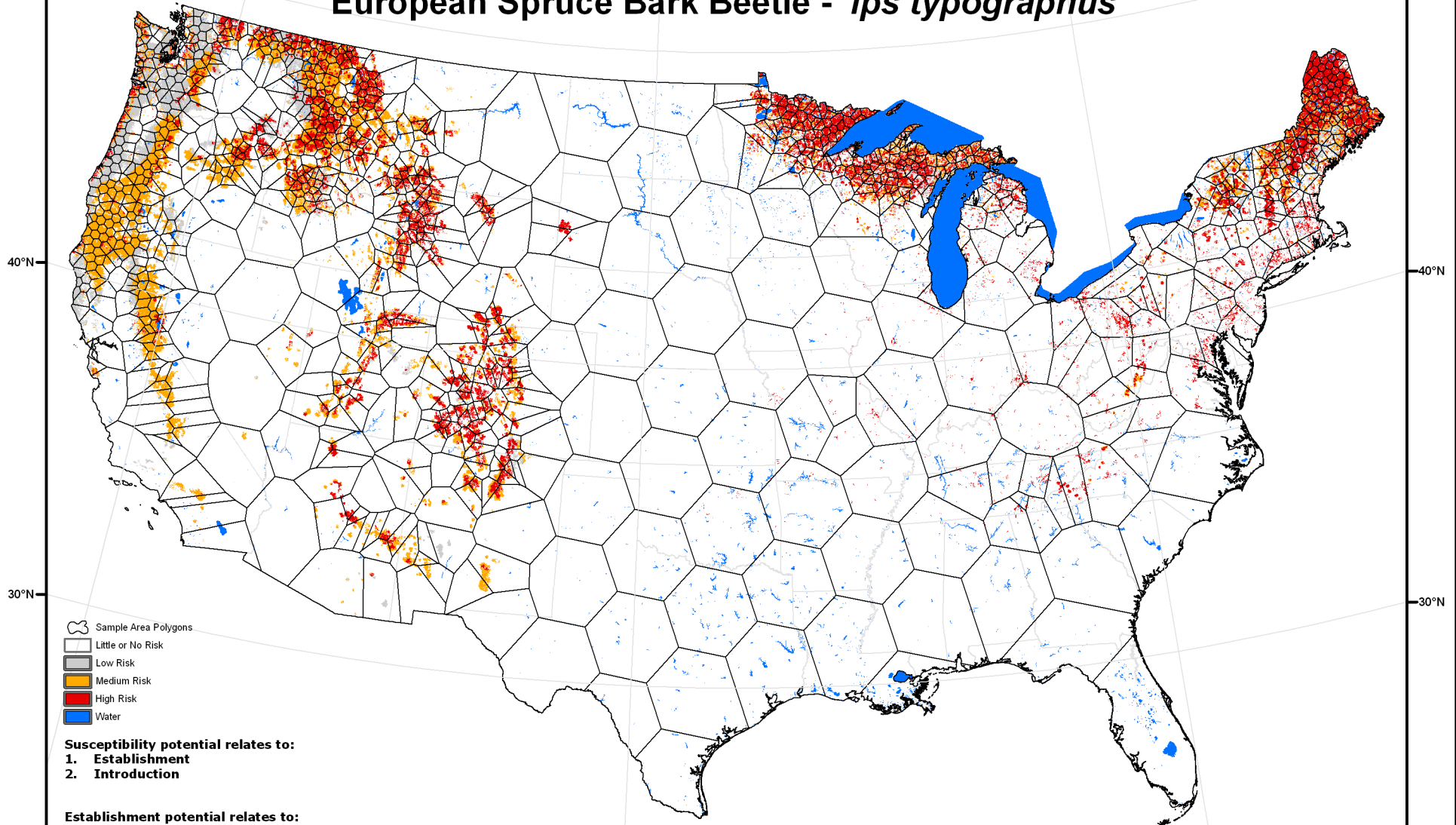


Survey Sample Areas for the United States

European Spruce Bark Beetle - *Ips typographus*



- Sample Area Polygons
- Little or No Risk
- Low Risk
- Medium Risk
- High Risk
- Water

Susceptibility potential relates to:

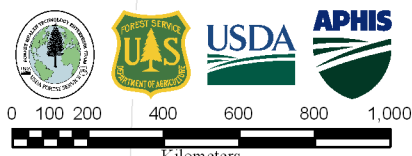
1. **Establishment**
2. **Introduction**

Establishment potential relates to:

1. **Host species for *Ips typographus*.**
2. **Disturbance factors (i.e. Fires, Lighting, Winds, Tornadoes, Avalanches and Hurricanes)**
3. **Urban Forest**

Introduction potential relates to:

1. **Ports that handle commodities and soild wood packing materials shipped from countries where *Ips typographus* exits**
2. **Distribution Centers**
3. **Potential Markets**



Albers Equal Area Conic Projection

The National Scale Survey Grid for the Conterminous US. The methods used are based on Coulston, J.W., Koch, F.H., Smith, W.D., Sapio, F.J. 2006. *Developing Survey Grids to Substantiate Freedom from Exotic Pests*. FIA Symposium proceedings. In Press.

The sample area theissen polygons shown here are created by intersecting the risk, by category, with a systematic sampling point grid. To attain higher levels of certainty in the higher risk categories, sample areas are intensified where risk of susceptibility is highest.

Map produced by FHTET, MFT
Fort Collins, CO on 4/26/2007
file: ips typog susceptibility6_tesselation.mxd
GRID: suscepl_rdt