

# Laurel Wilt: History of Spread

Stephen Fraedrich  
USDA Forest Service  
Athens, GA

**The beetle: *Xyleborus glabratus* captured in traps near Savannah, Ga in 2002**



Photograph by Mike Thomas  
(Florida Department of Agriculture & Consumer Services)

**Laurel Wilt: Dying redbays were first reported in 2003 in coastal areas of SC and GA near Savannah and rapidly spread to additional coastal regions in SC, GA, and FL**



***Healthy and wilted redbay; Hunting Island, SC (November, 2005)***



*Redbays affected with the wilt die rapidly*

Hunting Island State Park, near park office (November, 2005)

1/18/2007



*Wilted redbays near park office*

Hunting Island State Park (December, 2006)

1/18/2007



## Wilted redbay; Edisto Island, SC (May, 2006)

*Wilted redbay have been found on variety of site types.*

*1. Ocean-front dunes.*



**Wilted redbays; Fort George Island, FL (October, 2005)**

*2. Mesic flatwood sites*

1/18/2007



**Wilted redbays; Jesup, GA (November, 2006)**

*3. "Upland" coastal plains sites*

1/18/2007



**Wilted redbays; Hunting Island, December, 2006**

*4. Swamps and at swamp edges*

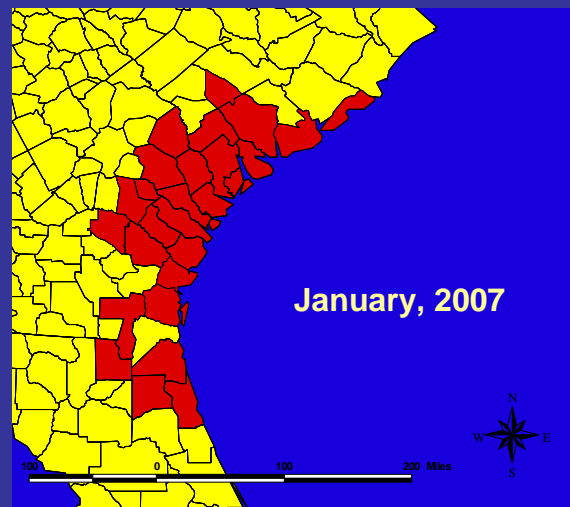
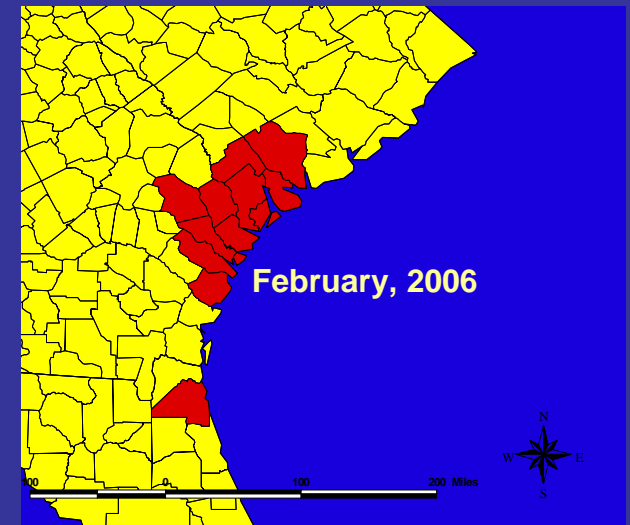
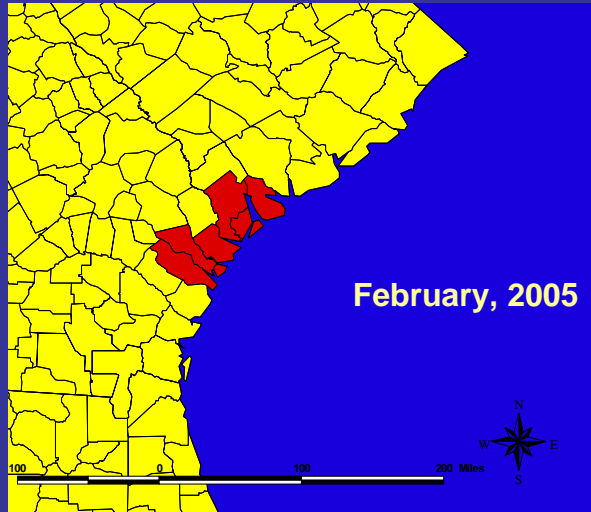
1/18/2007



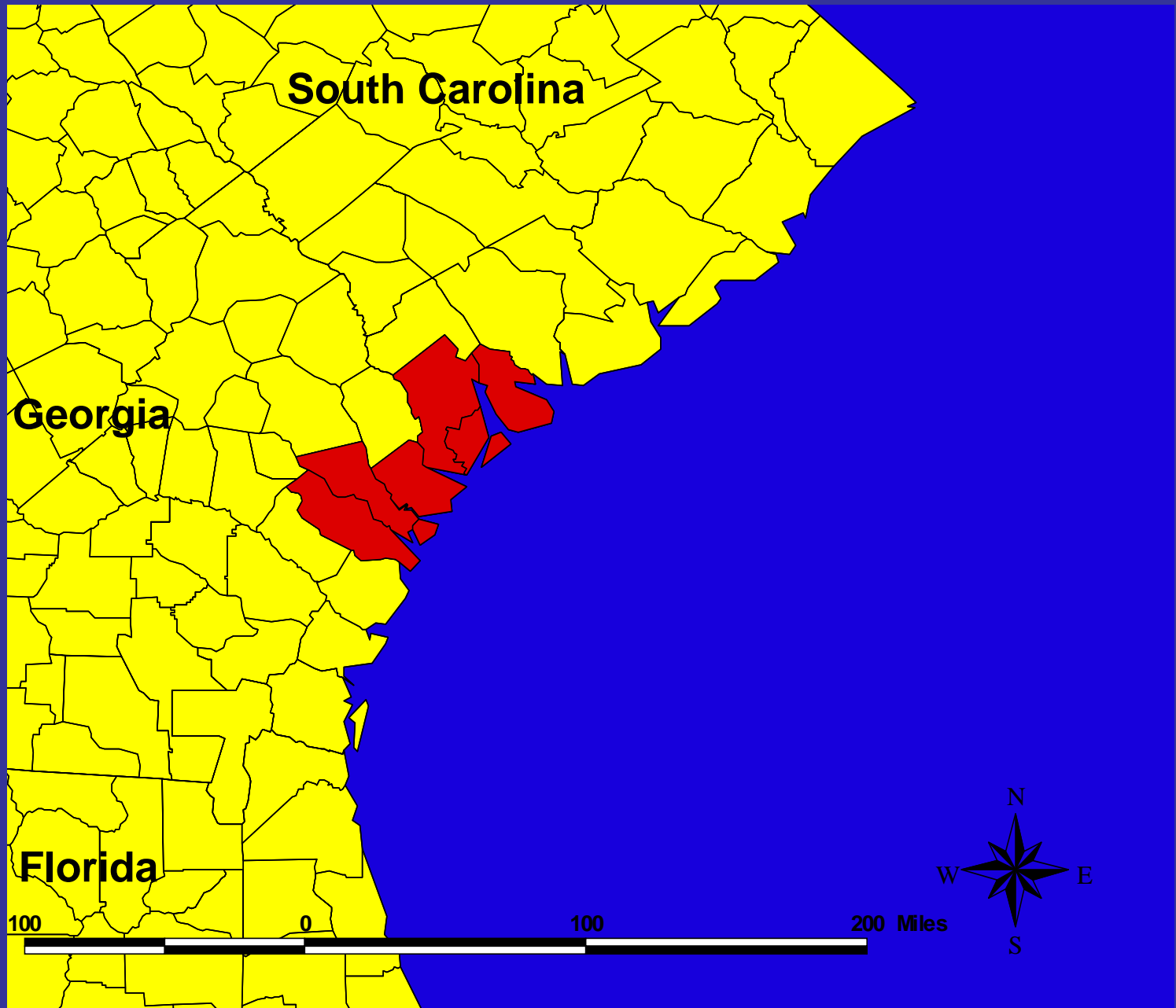
**Wilted redbay; Jekyll Island, GA (November, 2006)**

*5. Many landscape trees have also died from the wilt*

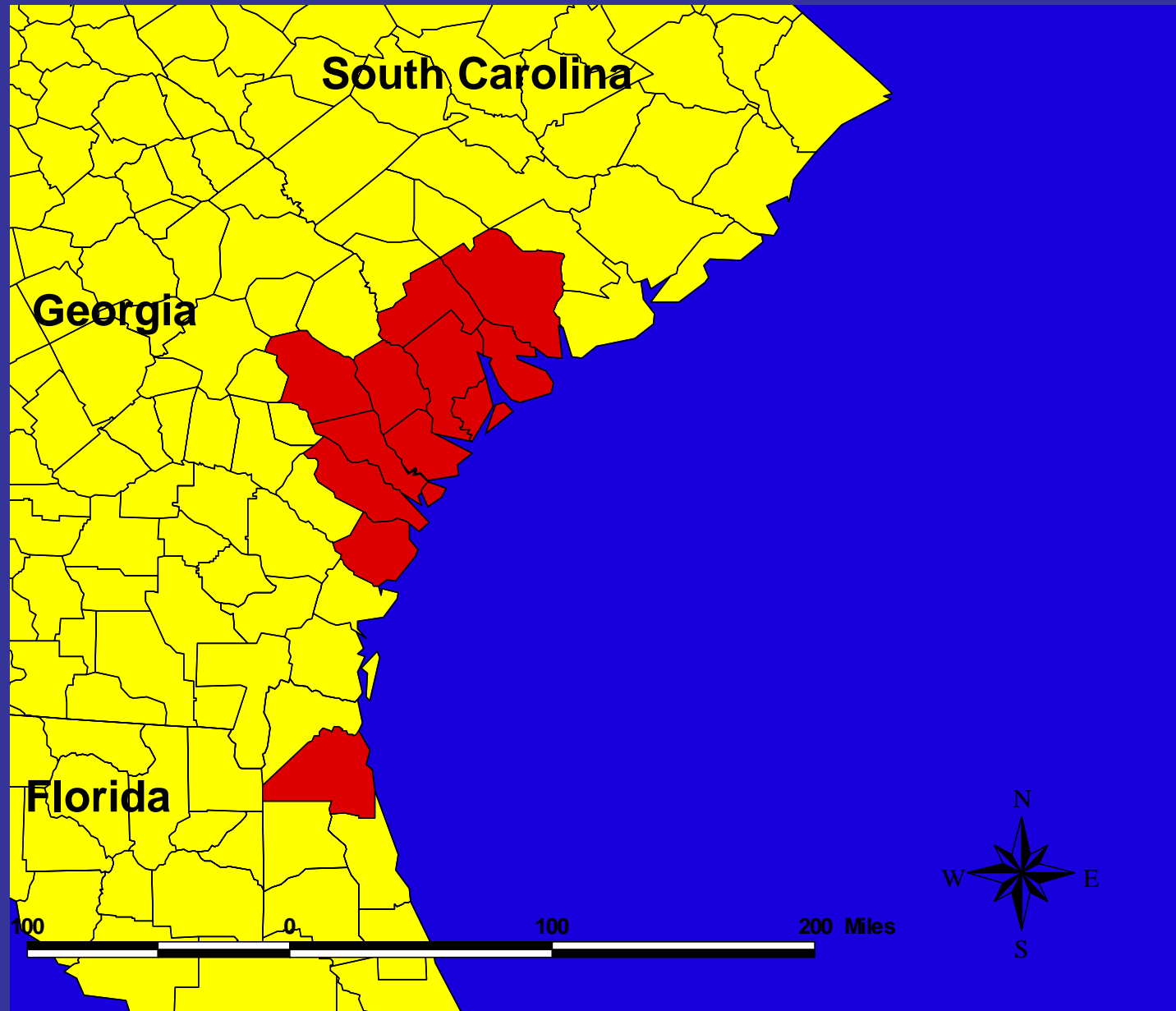
# Disease distribution/spread



# Range of laurel wilt – February, 2005



# Range of laurel wilt – February, 2006



# Range of laurel wilt – January, 2007

