

# Department of Plant Industry



**Clemson University**

**Challenges Encountered by  
Regulatory Agencies Charged  
With Controlling Invasive  
Species**

# **Primary Program Mission**

**Protect South Carolina's agricultural resources and natural ecosystems from the introduction and spread of invasive species and honey bee pests.**

# **Responsibilities**

**Physical inspections**

**Plant pest surveys**

**Quarantines**

**Control and eradication  
programs**

**Tracking and  
communication about  
invasive species**

**Challenges?**

# The Number of Regulated Species

**Federal Noxious Weed List**

**SC Plant Pest Laws**

**SC Noxious Weed Laws**

**SC Aquatic Weed List**

# Exotics and Invasive Species

The US has approximately  
809,000 potential insect species  
waiting to invade... and more are  
discovered each day

# Expanding Global Economy



# New Exotic and Invasive are Being Added Every Year...And Old Ones Don't Go Away

Cactus Moth



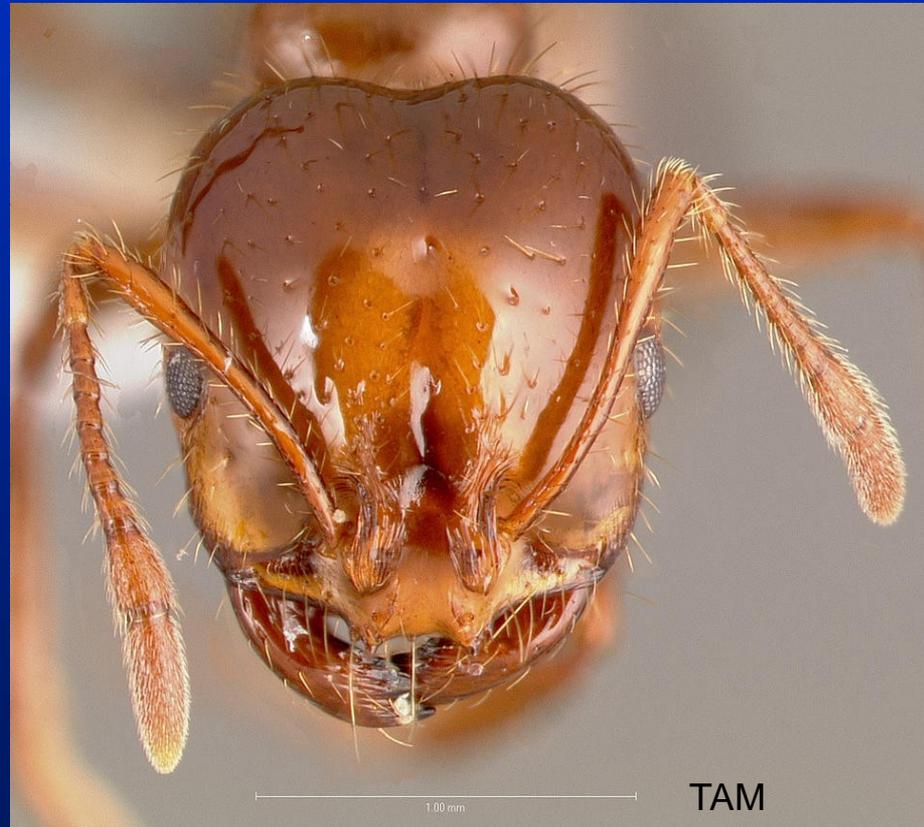
Susan Ellis

# **Issues Between States and Other Countries Over Invasive Species is Challenging**

The amount of material that enters  
uninspected or escapes detection  
is problematic



**Cogongrass**



**IFA**

# The movement of regulated materials inside of our country



**Red Baron**



**LBAM**

**Contaminated Nursery Stock**

# Lack of Public Awareness



# Enforcement of Regulations and Quarantines Difficult



# **Difficulty of Risk Assessment**

**Major seaports**

**Physical location traversed by  
thoroughfares**

**Suitable host**

**Favorable climate**

**Where Do We Look?**

# Limited Resources and Personnel

Funds to protect the environment are shrinking due to the economic situation. What will be funding sources to fight the needed battles?

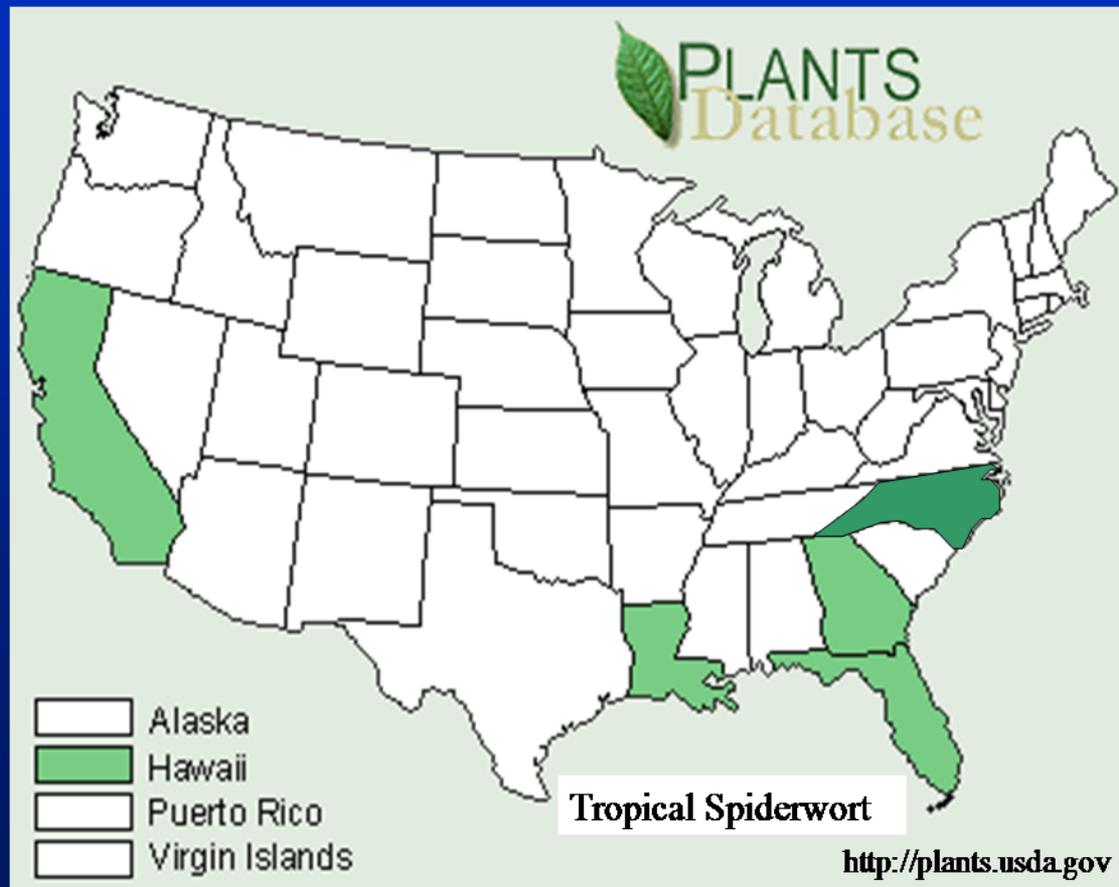
# **What Can We Do?**

**Form a partnerships in which early detection, rapid response, and control of invasive species take place in a timely manner.**

**Preventing, identifying, reporting,  
predicting, and monitoring  
invasive species should be part of  
our daily routine**



# Communication is an important tool to protect our resources



**All citizens should join the front line against the invasions of exotic species**



**Volunteers are an important asset in these trying economic times. We need help!**



**The End ?**

# **Contact Information:**

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