Urban and Structural Pest Management Extension and Research on the UGA Griffin Campus

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- 67 unique credit hours per year
- Strong GDAg Involvement
- Workshops:
 - ✓ Termite (11/6 h; 4X per year-2 Spring/2 Fall)
 - ✓ Bed Bug (5 h; once in Spring)
 - ✓ Commercial IPM (5 h; once in Spring)
 - ✓ 10-Week Certificate (24 h; 2X per year-Spring & Fall)
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UGA Pest Management Certificate A Graduating Class



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- Monthly, live webinars (+ Green Industry webinars)
 - ✓ Obtain Cat 41 CEUs from recorded webinars at your local county extension office (call 1-800-ASK-UGA1)
- Live webinars provide 24 CEUs per year for Structural Pest Control industry
- GDA Policy on Distance Ed has been the model for all states and provinces where credit is granted.
- Credit in GA, AL, SC, NC, TN, NJ, PA, MD, Nova Scotia, Labrador/Newfoundland, British Columbia.

Key Urban and Structural Pests

in Georgia



Brachyponera chinensis Asian Needle ant

- SE Distribution: AL,
 FL, GA, NC, SC, TN
- Origin: China, Japan





The Asian
Needle ant
nests in and
under yard
debris.





Photo by Joe A. MacGown Mississippi Entomological Museum

TCA in Georgia 2019

2013: Albany (Dougherty Cty)

2014: Camden & Glynn Cty

2015: Garden City (Chatham Cty), Quitman (Brooks Cty), Valdosta (Lowndes Cty).

2016-2018: None

2019: ?



















Ants of the Port of Savannah

(Ben Gochnour M.S. Project)

Leaf litter extraction



Coarse woody debris





Pitfall



Tree



TCA Found

@ POS

June 2015

The Tawny Crazy ant Eliminates Fire ants!

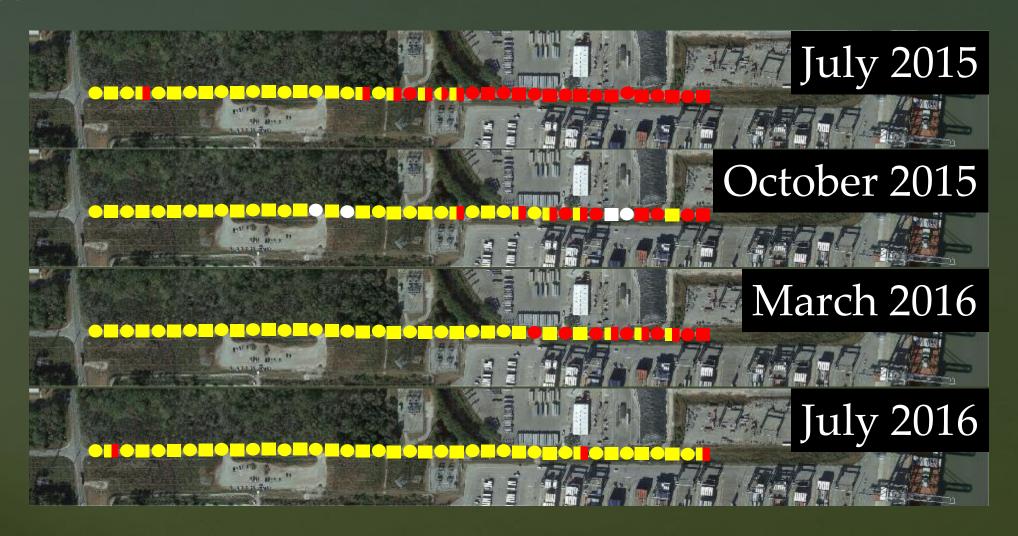
July 2015 to July 2016

- 1. Pecan Sandie baits
- 2. Half square meter quadrats



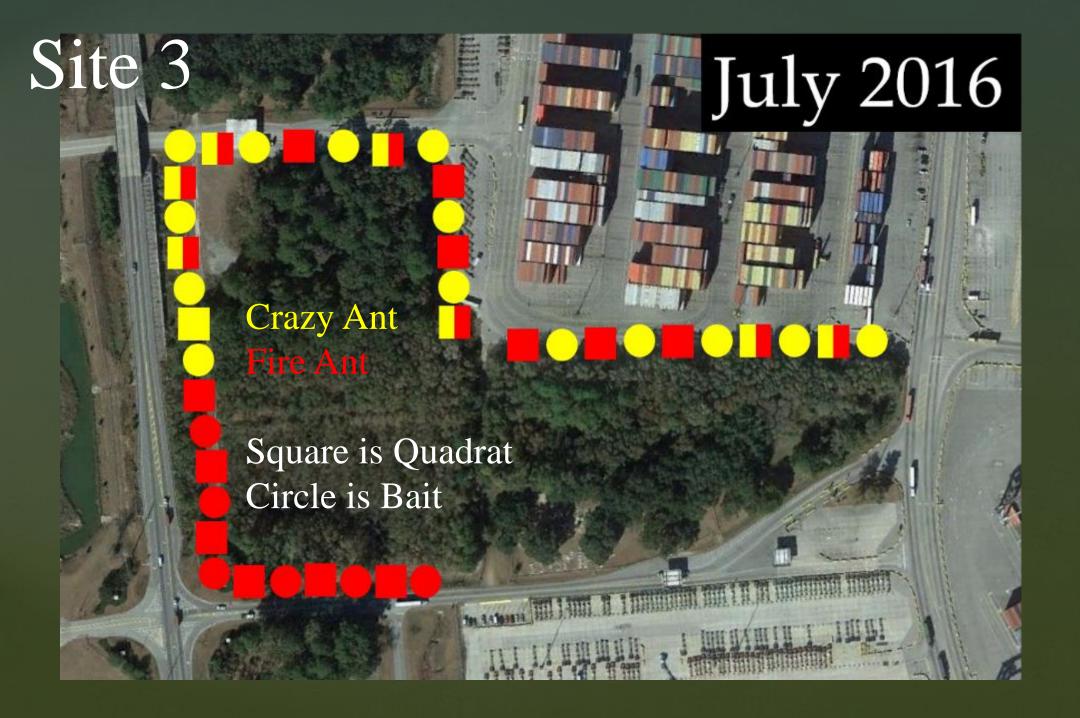
Site 2

Crazy Ant Fire Ant



Square is Quadrat Circle is Bait





Formosan Termites Some Facts

- ✓ Native to China, and was introduced into several U.S. port cities over 50 years ago.
- ✓ In the U.S., the most widespread (and thus oldest) populations are in Louisiana (New Orleans), South Carolina (Charleston), Mississippi (Gulfport), Texas (Houston/Galveston), and Florida (Ft. Lauderdale) (port cities).
- ✓ In the U.S., distribution from infested to non-infested sites is mainly through the movement of infested railroad crossties.

The Suburbanization of Georgia Crosstie Retaining Walls





The primary movement of FST into Georgia is through the use of used, infested crossties.

Recognizing Formosan Termites Swarmers

- Caramel color
- Larger than natives
- Swarm at night (9:00) in May/June
 - sticky cards at lights





Recognizing Formosan Termites Soldiers

- Many in colony
- Tear drop shape of head
- Secrete white substance

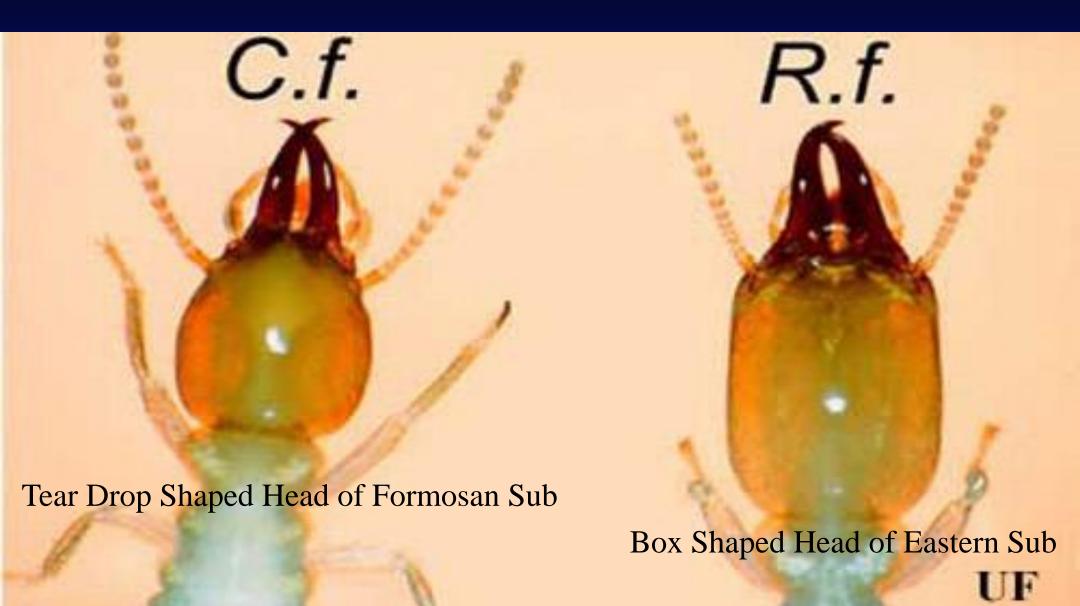




Formosan Sub Termites have tiny hairs on their wings; other subs do not



Formosan Sub vs Eastern Sub



Video 1

(FST wood damage)

