## A survey for *Sirex noctilio* and native woodwasps in Alabama

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Forest Health Dynamics Laboratory

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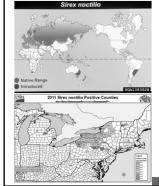
## Siricid woodwasps





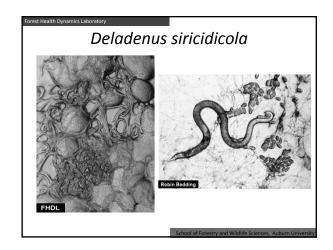
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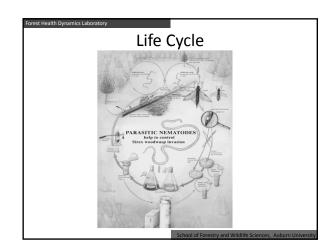
### Sirex noctilio Infestations



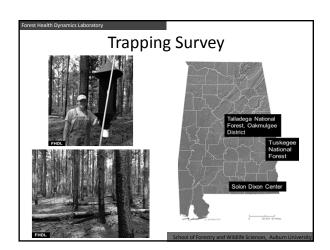


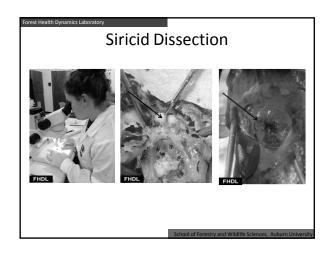
# Amylostereum Associated Fungi

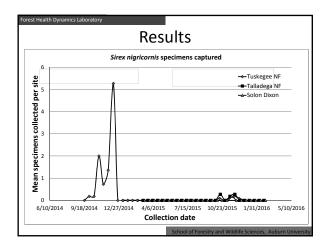


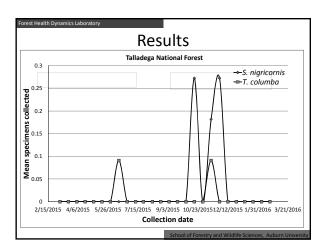


## Objectives To identify populations of woodwasps and their competitors in forests across Alabama To use molecular techniques for species identification of woodwasps, fungi, and nematodes To determine which species of fungi and nematodes are associated with woodwasps in Alabama









### Conclusions

- Mean trap collections in Tuskegee National Forest were much higher in 2014 than 2015
  - Higher occurrences in first trapping season could be due to prescribed burns in area
- S. nigricornis and Tremex columba had similar emergence periods, with the exception of the early emergence trapping of T. Columba in Talladega National Forest
  - Little likelihood of competition occurring as *T. columba* is a pest of deciduous hardwood trees

