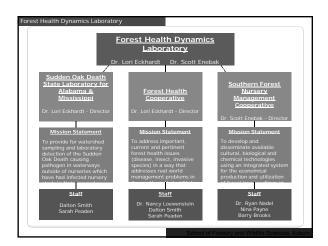
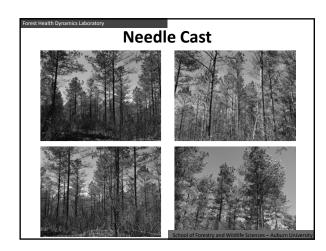
Other Project Updates

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Coleosporium 5 spore stage rust that requires an alternate host Alternate Hosts Include: Solidago spp. (Golden Rod) and Aster

Coleosporium Look for teliospores on alternate host.

Prest Health Dynamics Laboratory RW-19 Update Thinning and fertilization study Manage density to optimize value in fertilization Eight industrial study sites established across different physiographic regions

• Six in the southern US

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RW-19: Treatments

- Thinning
 - 100 TPA
 - 200 TPA
 - 300 TPA
 - 500 TPA
- Fertilization
 - With: 200 lbs N + 25 lbs P
 - Without



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Location of RW-19 Plots RW-19 Plots

: Health Dynamics Labo	ratory					
Insect Re	sno	nse to	Treatm	ents		
	Jope					
Louisiana Pre Treatment						
	df	Dendroctonus terebrans	Hylastes	Hylobiini	Ips spp.	Ambrosia
Fertilizer	1	p = 0.566	p = 0.688	p = 0.962	p = 0.378	p =0.031
Thinning	4	p = 0.111	p = 0.294	p = 0.231	p = 0.320	p = 0.005
Fertilizer x Thinning	4	p = 0.750	p = 0.743	p = 0.251	p = 0.390	p = 0.043
	df	Dendroctonus terebrans	Hylastes	Hylobiini	Ips spp.	Ambrosia
Fertilizer	1	p = 0.130	p = 0.641	p = 0.310	p = 0.937	p =0 .915
Thinning	4	p = 0.137	p = 0.0001	p = 0.477	p = 0.369	p = 0.003
Fertilizer x Thinning	4	p = 0.843	p = 0.188	p = 0.350	p = 0.634	p = 0.664

Forest Health Dynamics Laboratory

Continuing Work in Florida

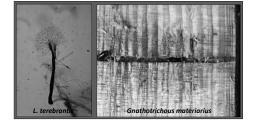
- Tree vigor measurements
- Root sampling





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Any Questions?



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