



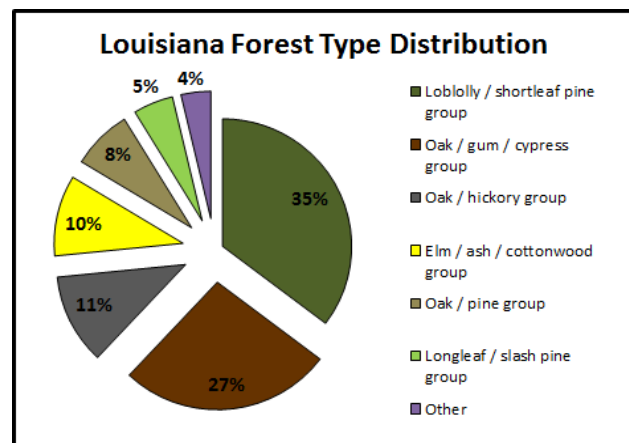
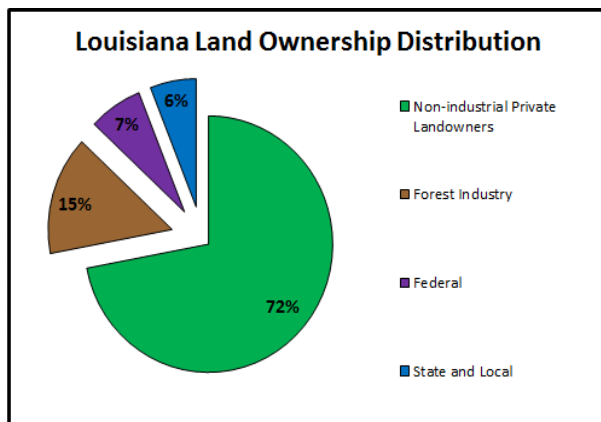
Louisiana

Forest Health Highlights 2021

The Resource



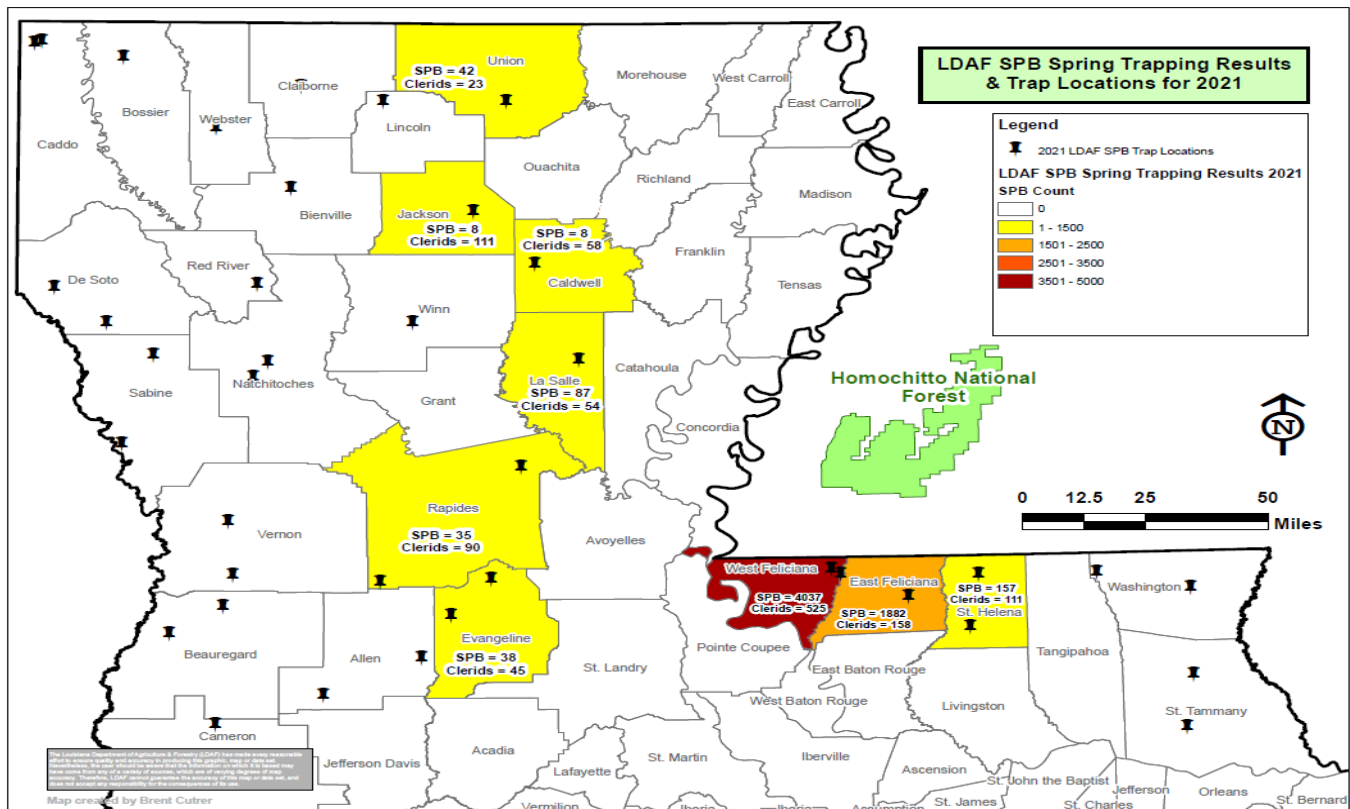
Louisiana’s forests cover 15 million acres, nearly half of the state’s land area. The majority of the state’s forested land, some 10.8 million acres, is in non-industrial private ownership, while approximately 604,000 acres are in national forests. Louisiana’s forests are prized for their scenic beauty, supporting tourism and outdoor recreation and providing wildlife habitat throughout the state. Major forest types in Louisiana include loblolly and shortleaf pine, oak-gum-cypress, oak-hickory, elm-ash-cottonwood, mixed oak-pine, and longleaf and slash pine. Other minor types account for approximately 4% of the forest.



Forest Influences and Programs



Southern pine beetle (SPB) is Louisiana's most significant forest insect pest. However, SPB activity in the state has been insignificant since the late 1990's. In 2018, we recorded 23 SPB spots in the Feliciana's. Our annual spring SPB survey has caught SPB specimens since 2018. Our spring survey consisted of 39 traps spanning over 27 parishes. We plan to expand our trapping in 2021. This past year, we've flown 31 whole survey flights, consisting of 50 parishes, across our state. The Louisiana Office of Forestry continues to monitor and educate landowners on SPB.



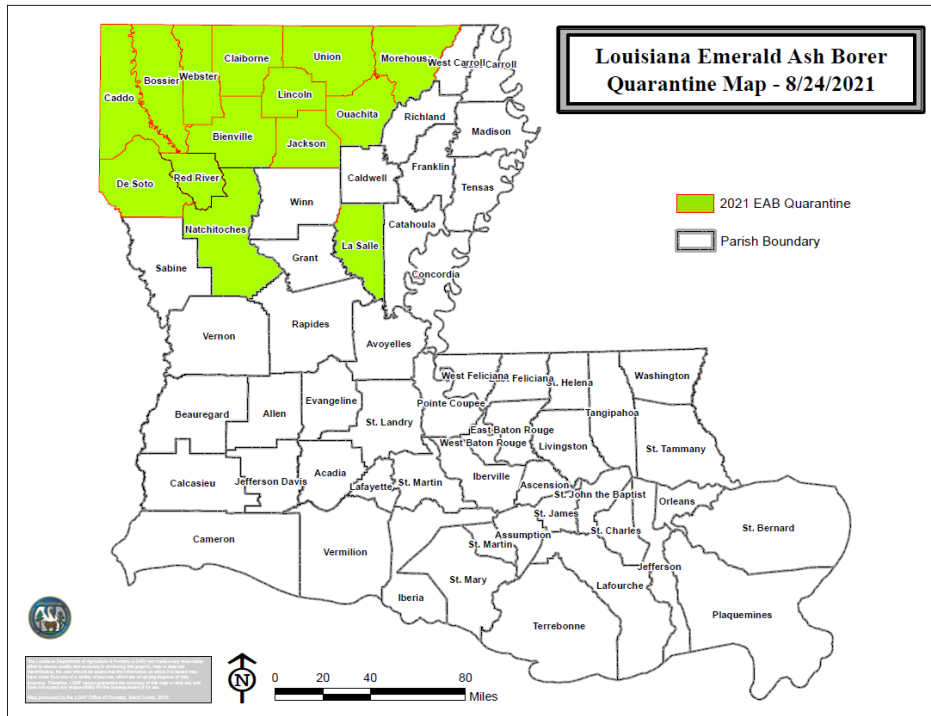
Pine engraver beetles (Ips spp.) and the black turpentine beetle remain at relatively normal levels. Because Ips infestations tend to be relatively small and scattered, they usually cannot be effectively controlled or salvaged, but their economic costs may exceed those caused by SPB. We've recorded 56 Ips spots throughout the state in 2021.



Gypsy Moth survey was conducted using 173 traps across the state and no gypsy moths were captured.



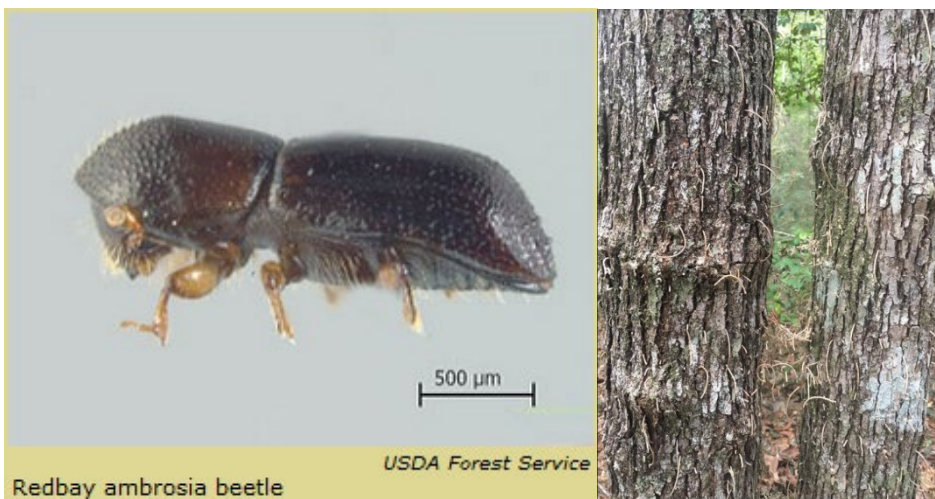
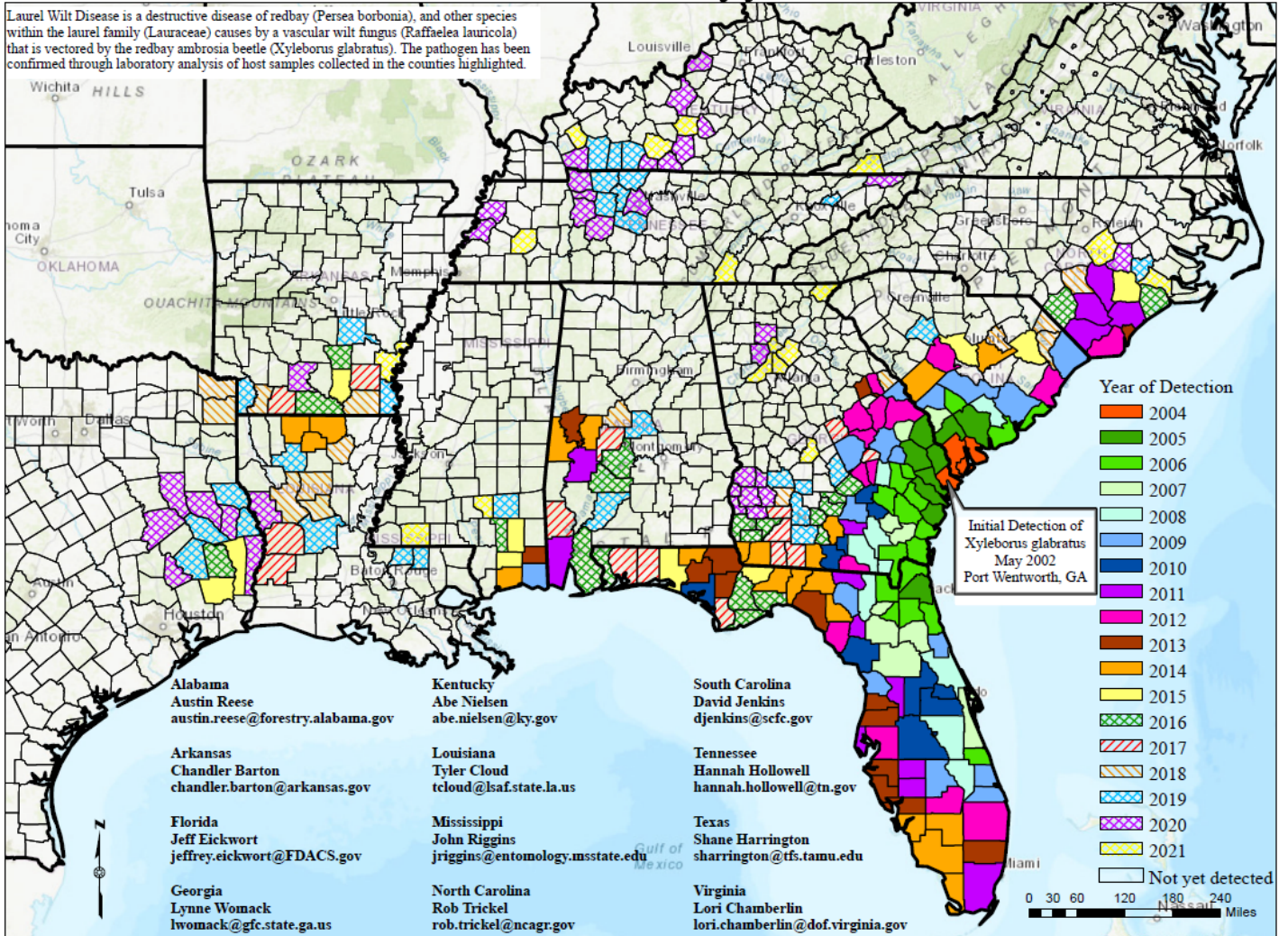
Emerald Ash borer was first confirmed in Webster Parish in February of 2015. It has since been confirmed in Bossier, Claiborne, Union, Lincoln, Bienville, Jackson, Morehouse, Ouachita, Natchitoches, Red River, La Salle and Caddo Parishes. Our EAB survey added Natchitoches and La Salle as new infested parishes and Red River as a ground confirmation this past year. We have continued to inform landowners of this pest and have distributed information through press releases and handouts. We continue to coordinate with other agencies to monitor and implement our EAB response plan.



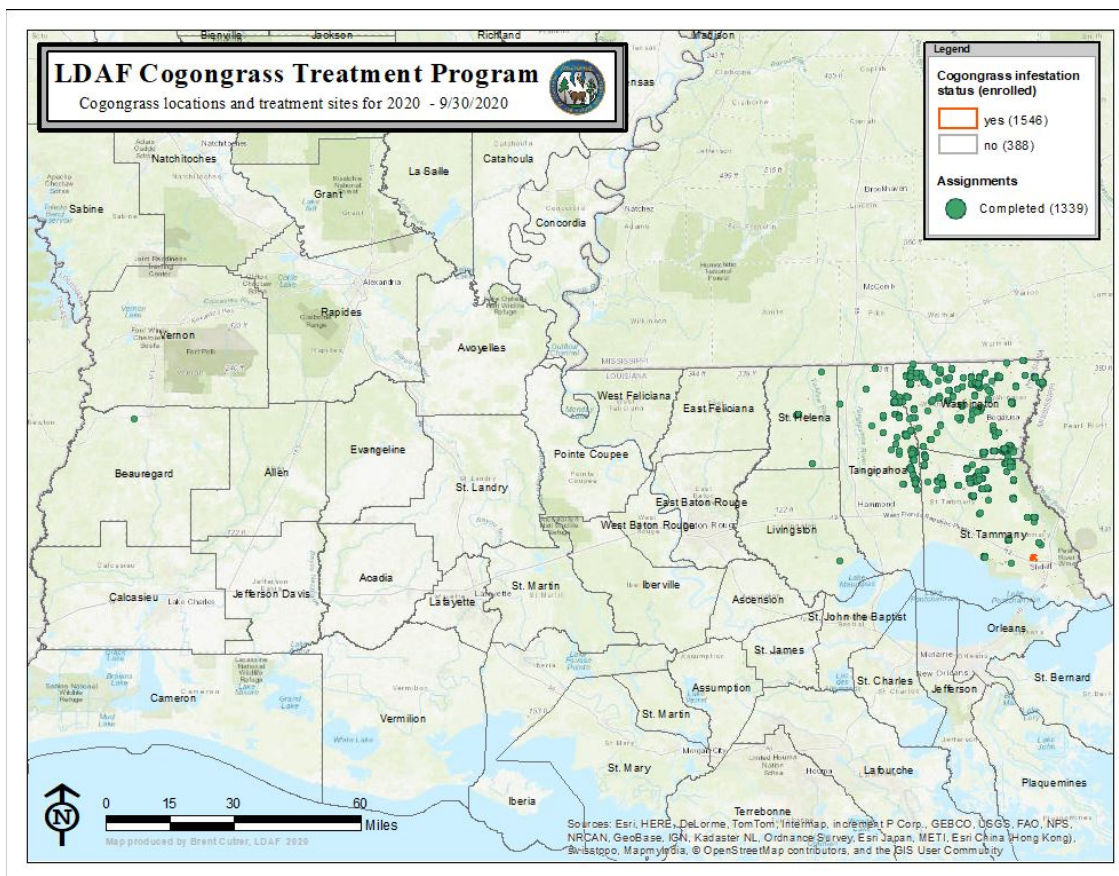
Laurel Wilt Disease and the Redbay Ambrosia Beetle made its introduction into Union Parish, Louisiana in September 2014. There were no new additions in 2021. Our foresters continue to observe for declining sassafras and redbay trees caused by laurel wilt.

Distribution of Counties with Laurel Wilt Disease* by year of Initial Detection

November 4, 2021



Cogongrass is a serious invasive species occurring primarily in southeast Louisiana. LDAF has implemented a new Cogongrass Treatment Program that is finishing up its fourth year. Currently, we've documented 2,074 infestations for 352 acres and have treated 1,339 infestations for 226 acres throughout the program. LDAF previously advertised our program in our department's market bulletin and participated in landowner meetings to help spread the word about cogongrass and our treatment program that we have implemented.



Loblolly Pine Sawfly affected parts of the northern section of the state, defoliating approximately 9,000 acres of planted loblolly. Since the trees have rebounded and leafed back out.

Hurricane Ida made landfall on August 29, as a category 4, in Lafourche Parish, La. It devastated timberland in southeast Louisiana. There was roughly 167,000 acres of timberland damage resulting in approximately \$360 million of damages.

Cypress Looper caused defoliation on Lake Bistineau and around the Marksville area defoliating approximately 5,000 acres of Bald Cypress.



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