



Southern Region Forest Health Protection

2018 Insect & Disease Survey

Summary of Acres with Damage

Last updated June 7, 2019

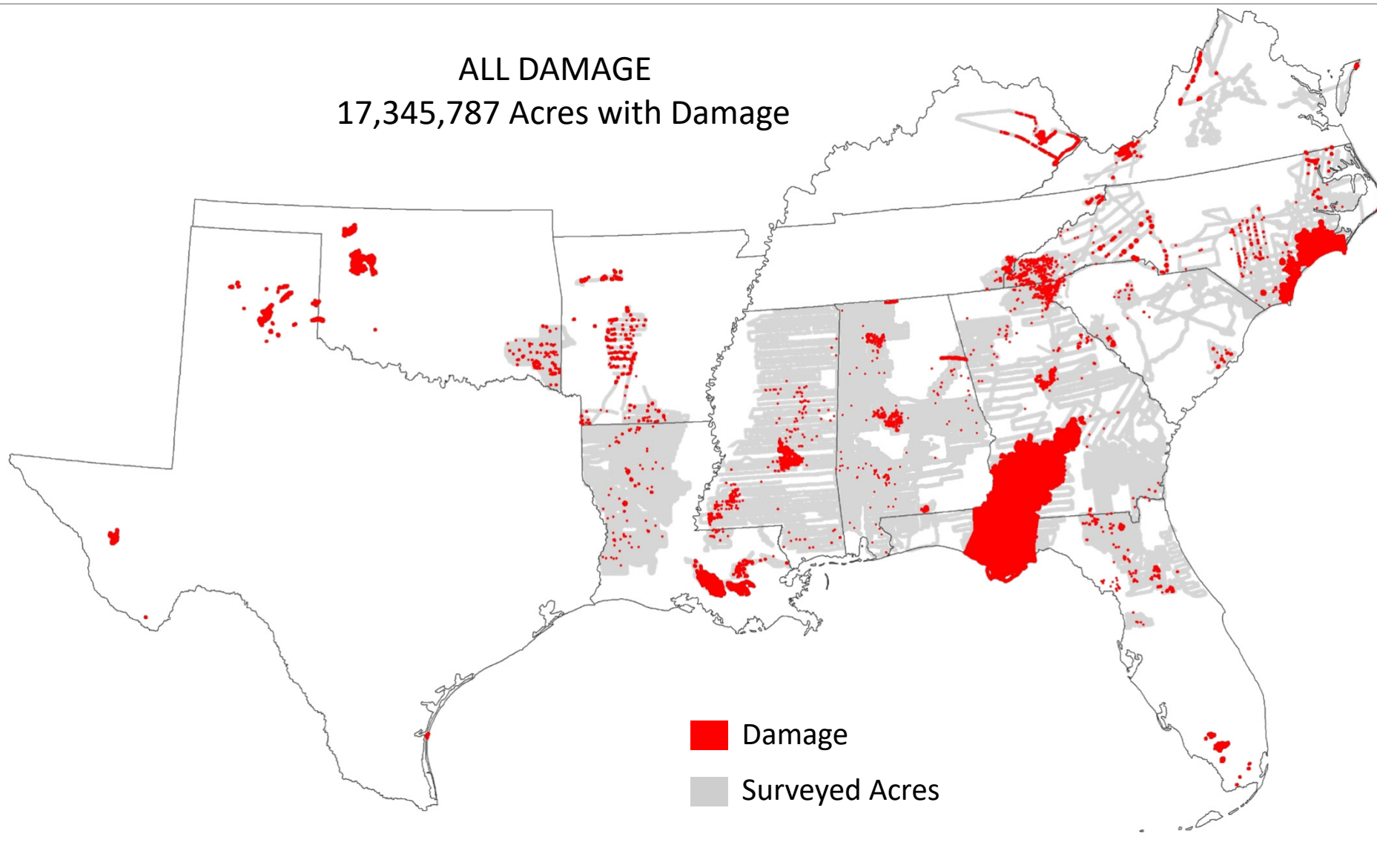
Type of Damage	2018 Acres	2017 Acres
Defoliation	750,427	1,058,277
Mortality	33,773	52,230
Uprooting/Branch Breakage	9,389,081	6,558
Total Non-Fire	10,173,282	1,117,066
Fire (acres with reported damage from DMSM)	23,878	9,517
Wildfire (acreage from managed fire incidents)	7,148,627	14,370,842
Total Fire	7,172,505	14,380,359
Total All	17,345,787	15,497,425



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ALL DAMAGE
17,345,787 Acres with Damage



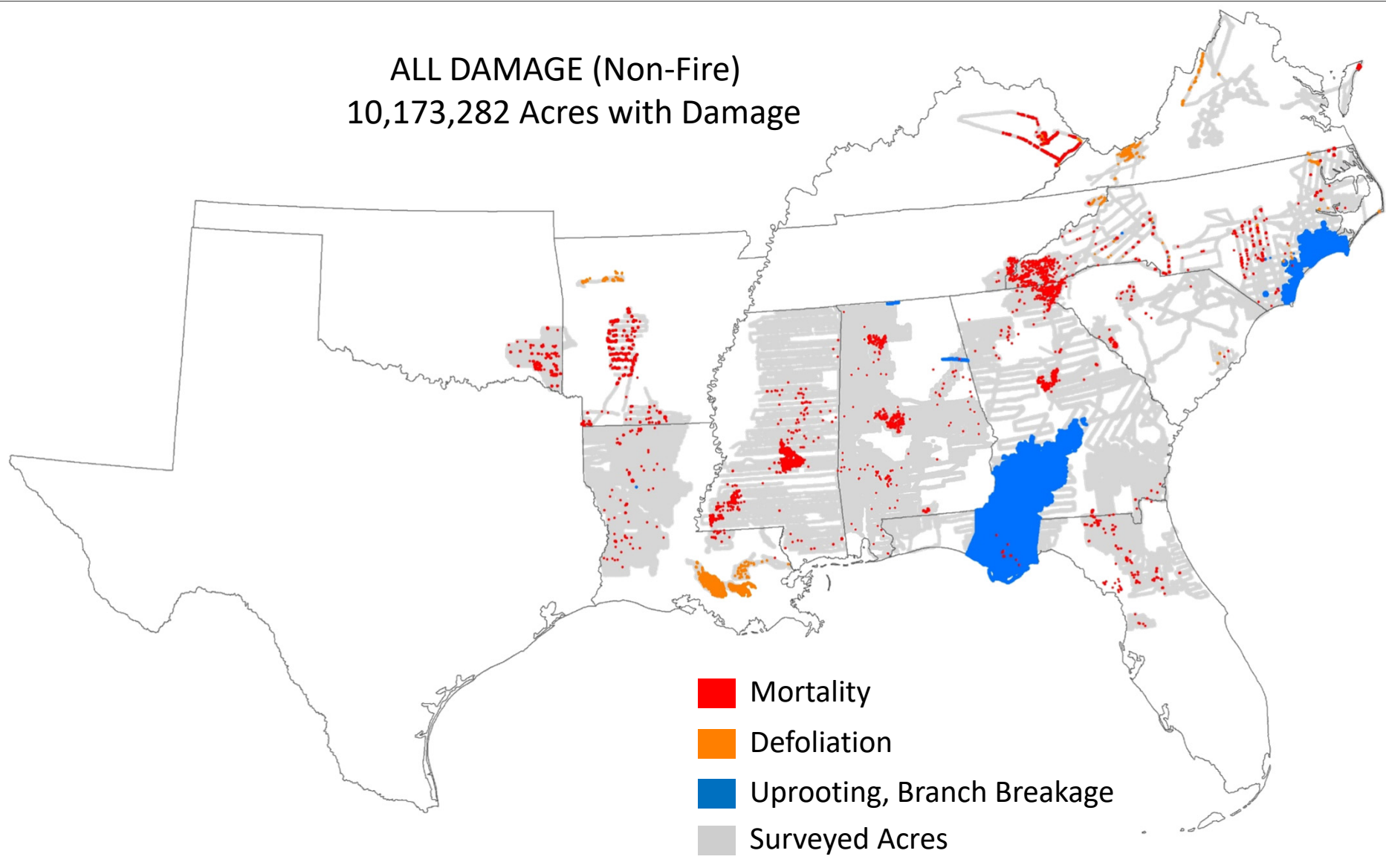
These maps are compiled from all spatial data on aerial survey coverage and forest health conditions submitted to R8 Forest Health Protection during CY 2018.



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ALL DAMAGE (Non-Fire)
10,173,282 Acres with Damage



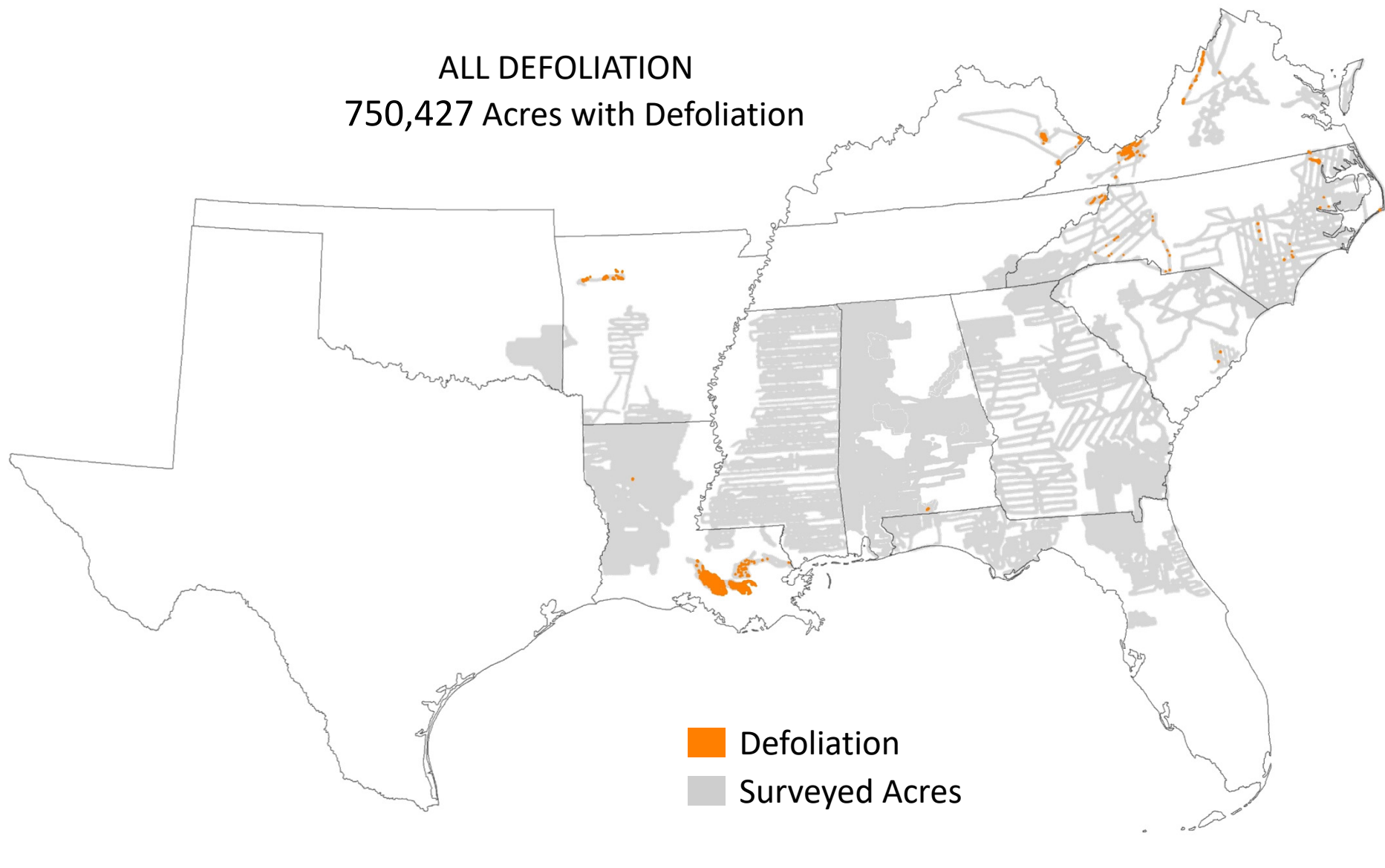
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ALL DEFOLIATION
750,427 Acres with Defoliation



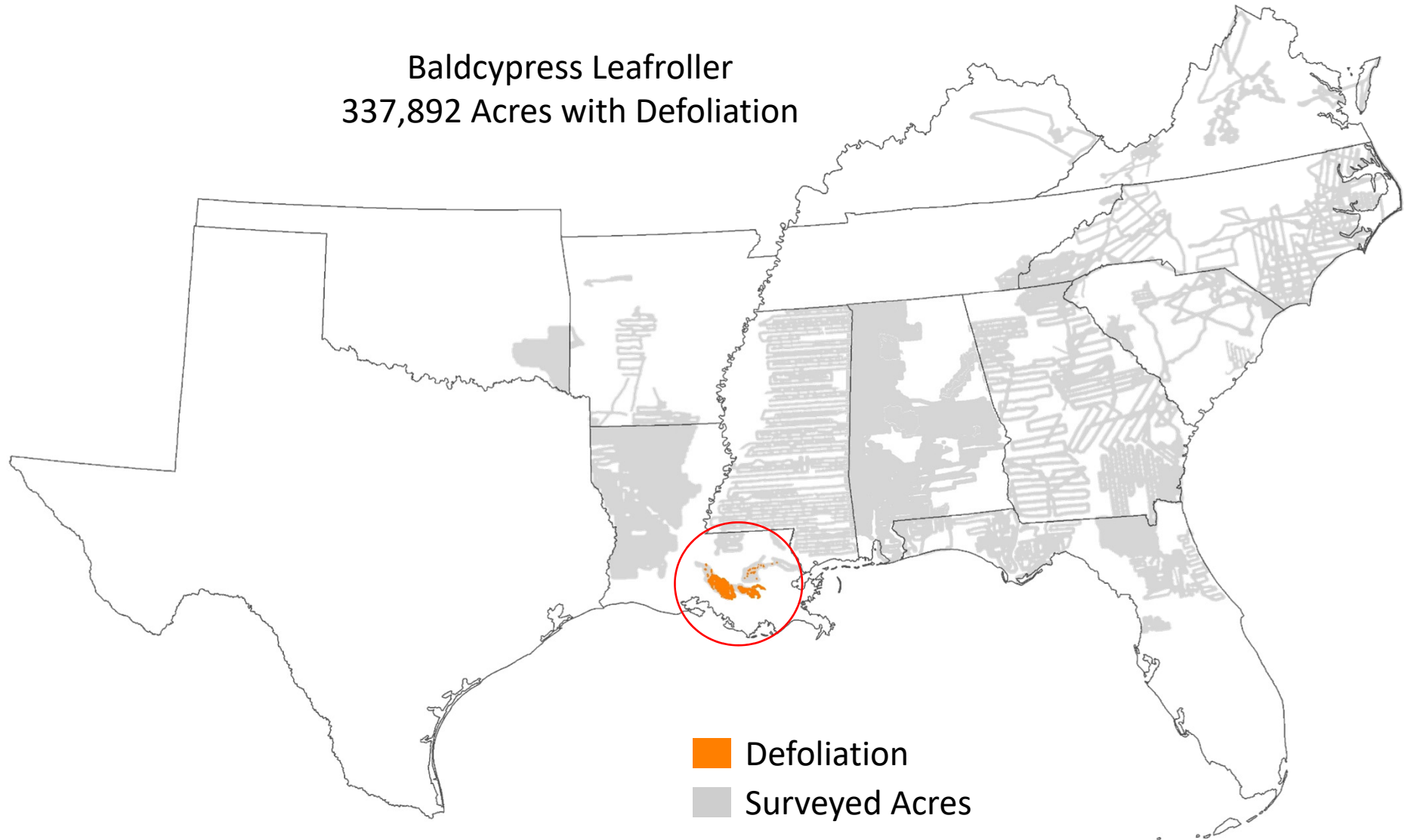
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Baldcypress Leafroller
337,892 Acres with Defoliation



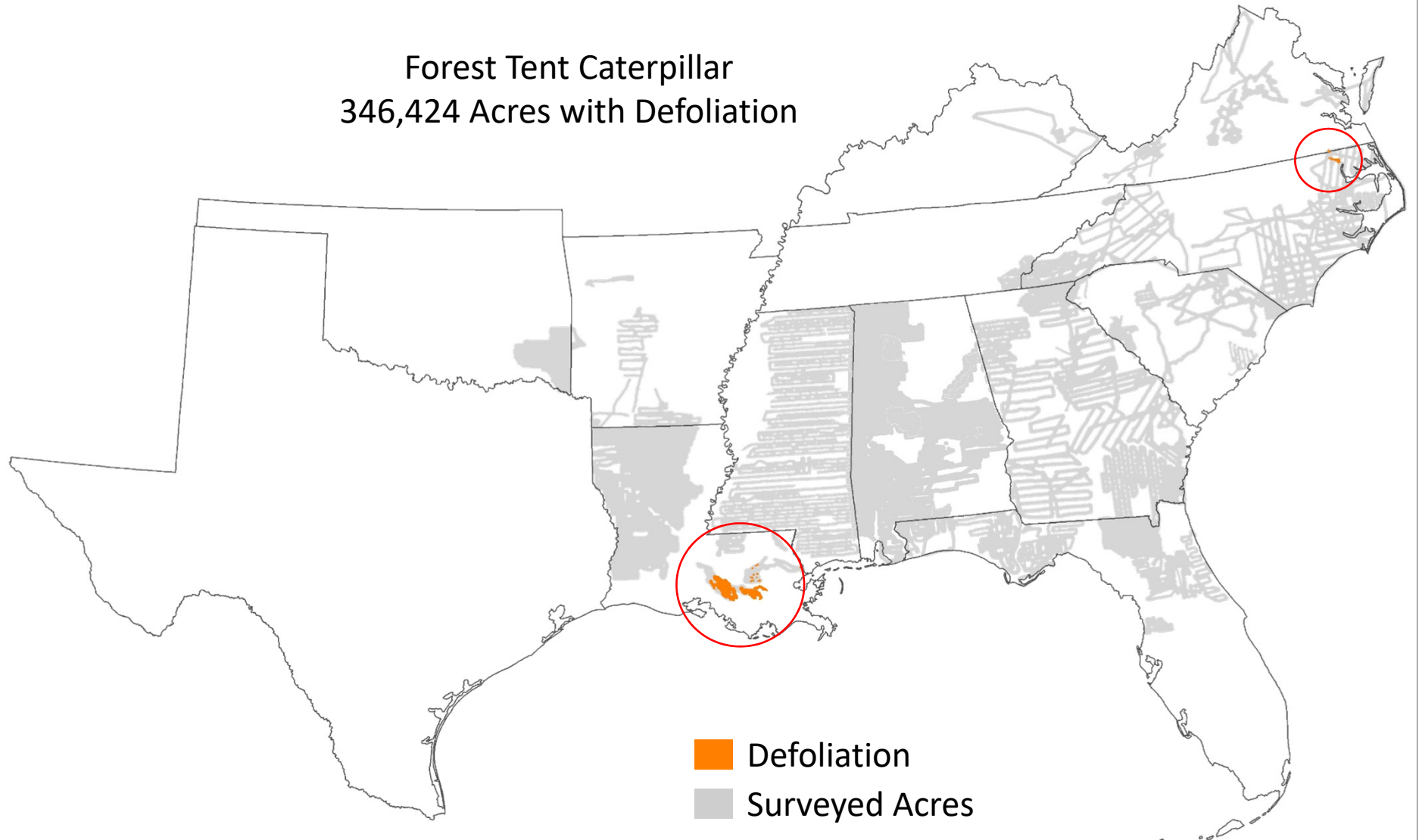
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Forest Tent Caterpillar
346,424 Acres with Defoliation



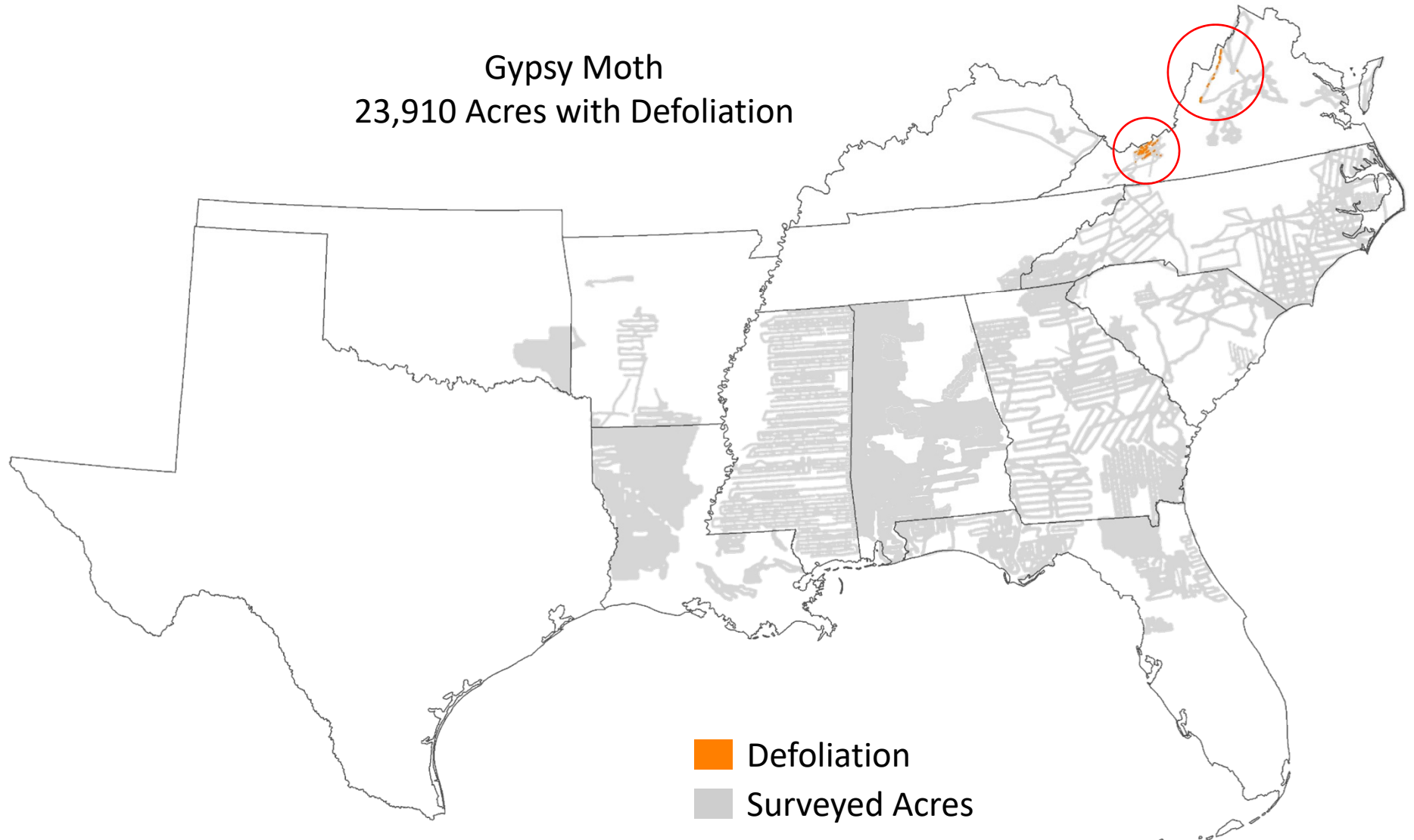
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Gypsy Moth
23,910 Acres with Defoliation



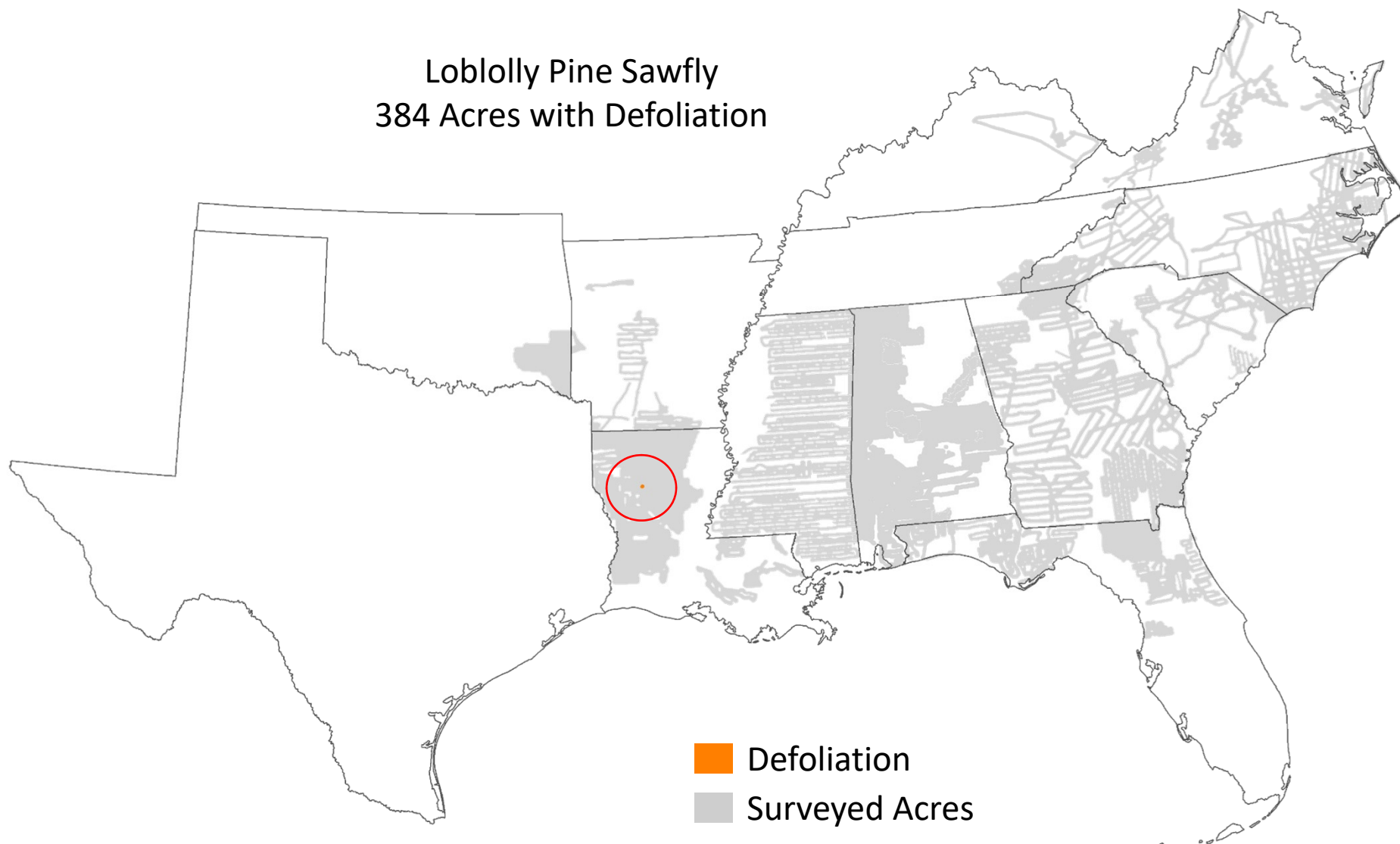
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Loblolly Pine Sawfly
384 Acres with Defoliation



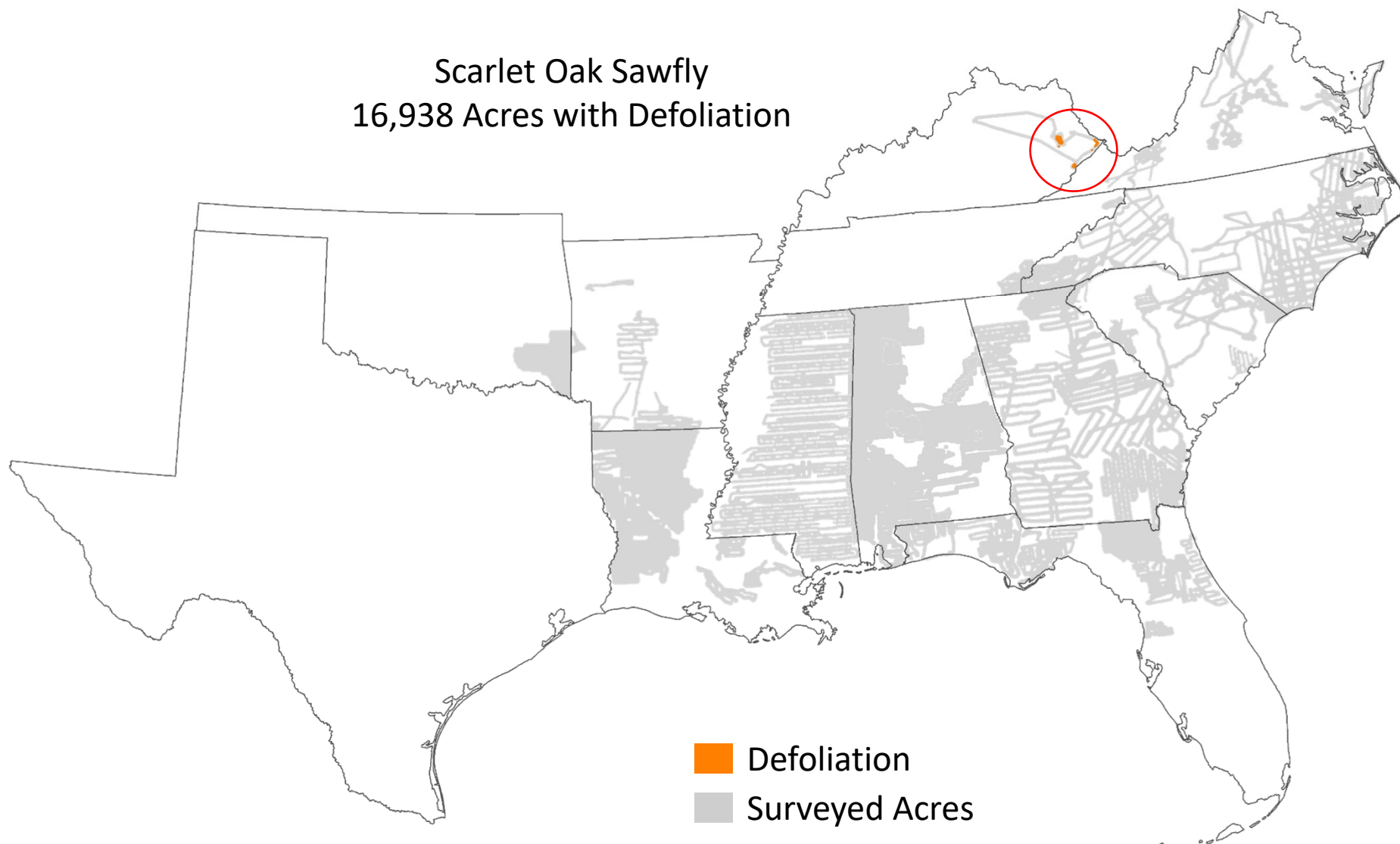
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Scarlet Oak Sawfly
16,938 Acres with Defoliation



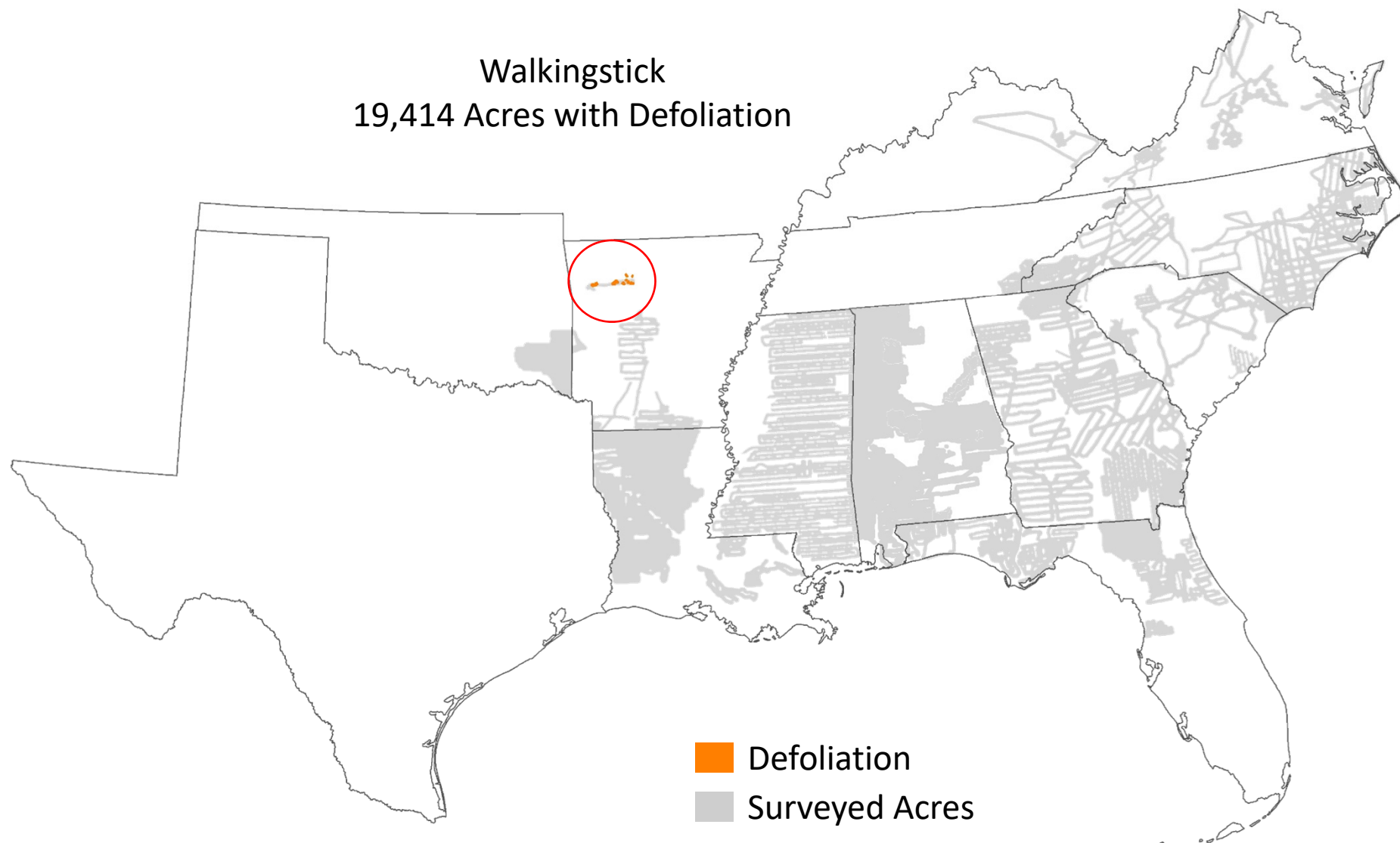
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Walkingstick
19,414 Acres with Defoliation



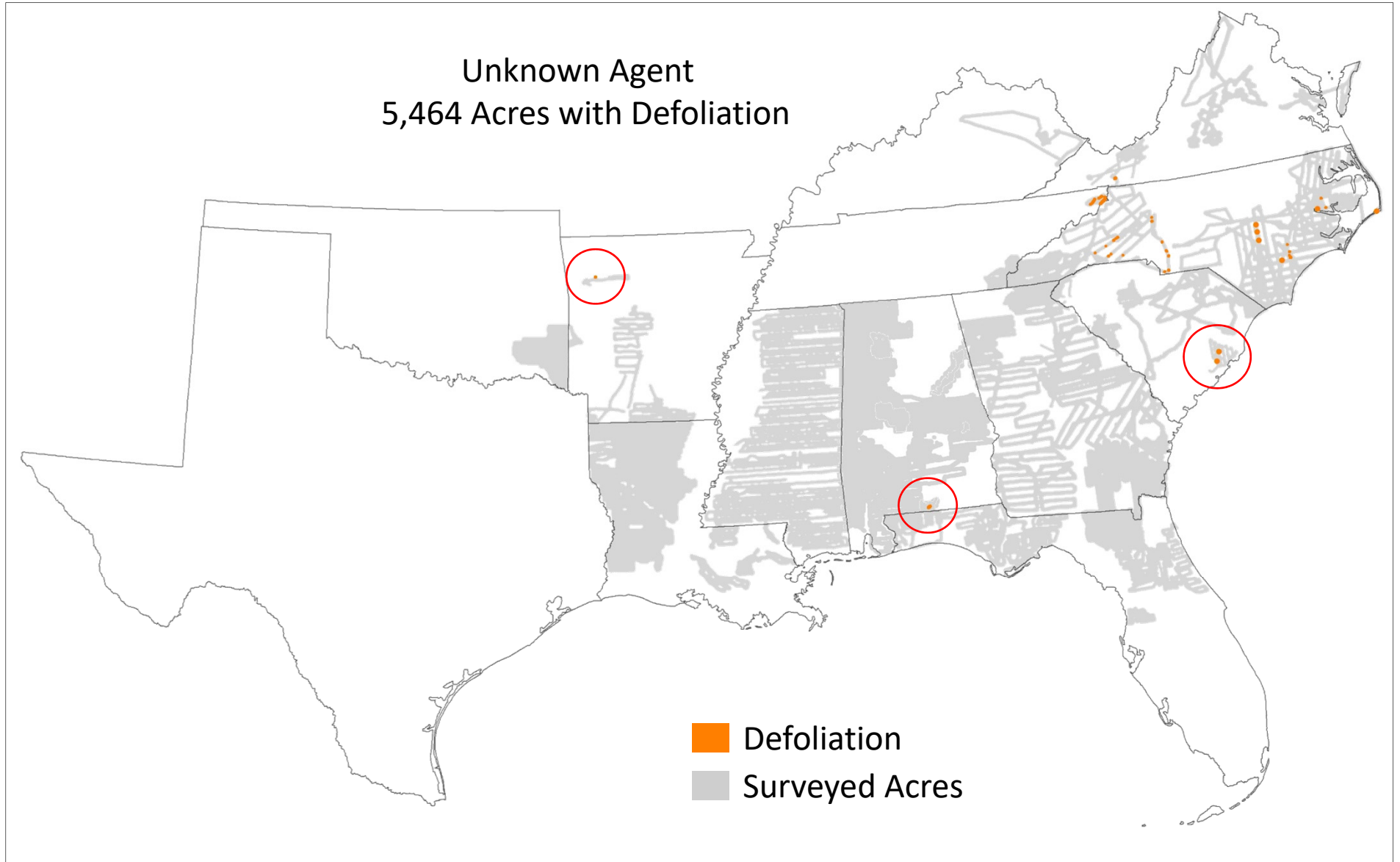
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Unknown Agent
5,464 Acres with Defoliation

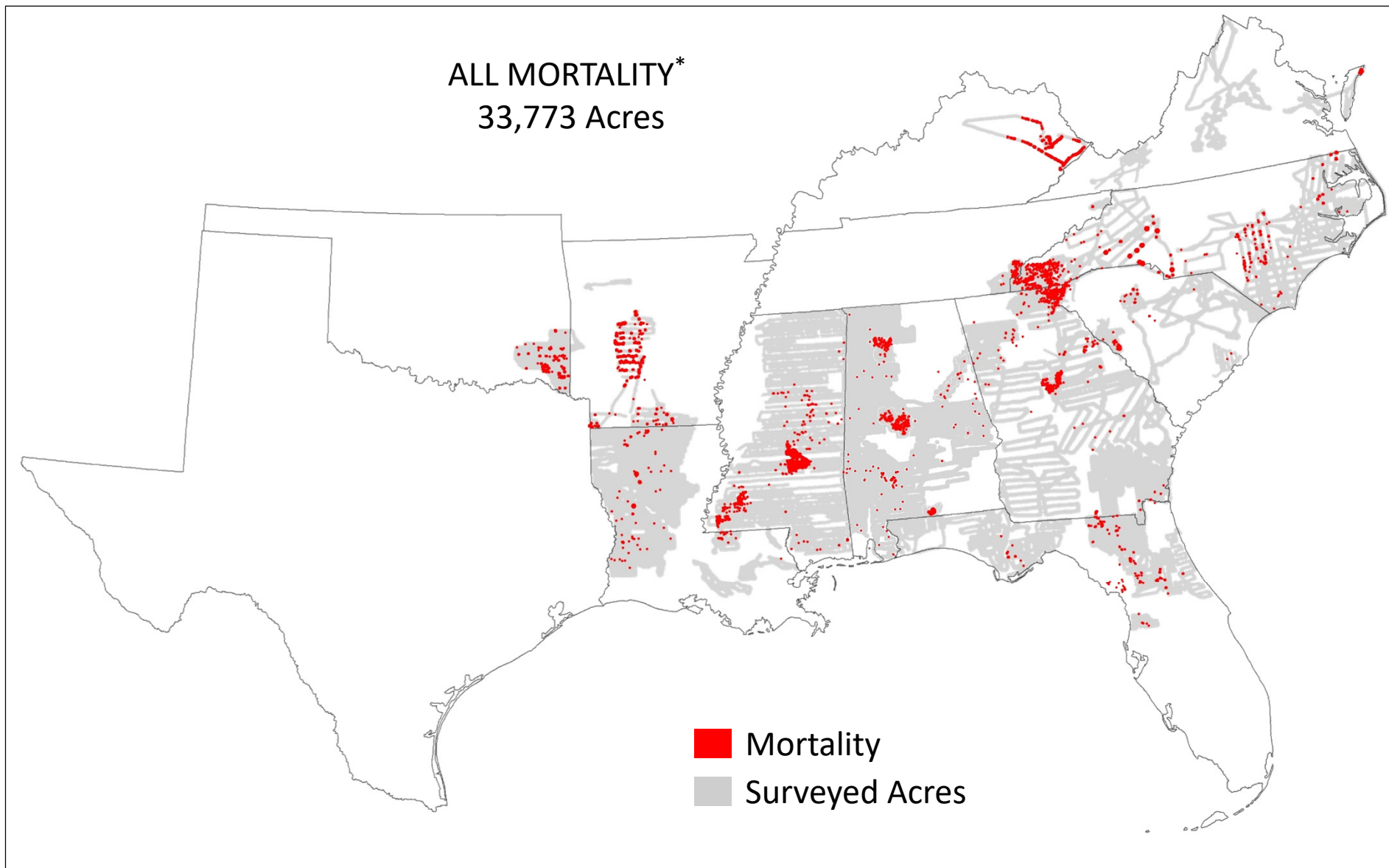


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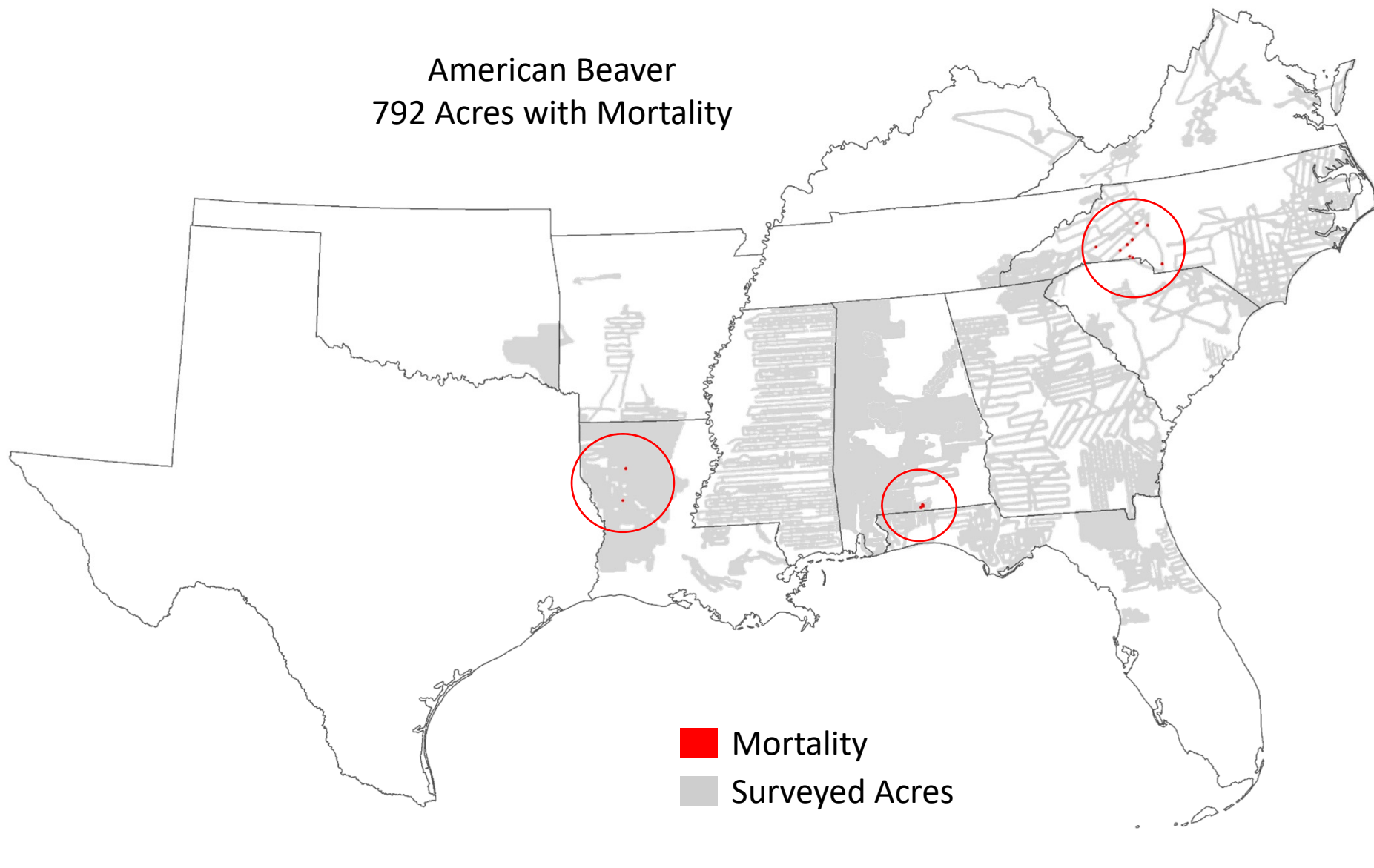
* Most mortality represented here is based on individual points denoting a bark beetle 'spot'. Most spots are some distance apart and less than an acre in size. However, at this scale many points may appear to overlap and often look bigger than they actually are. Therefore, the more concentrated areas of mortality may seem 'overdone' in relation to actual reported acres of mortality.

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American Beaver
792 Acres with Mortality



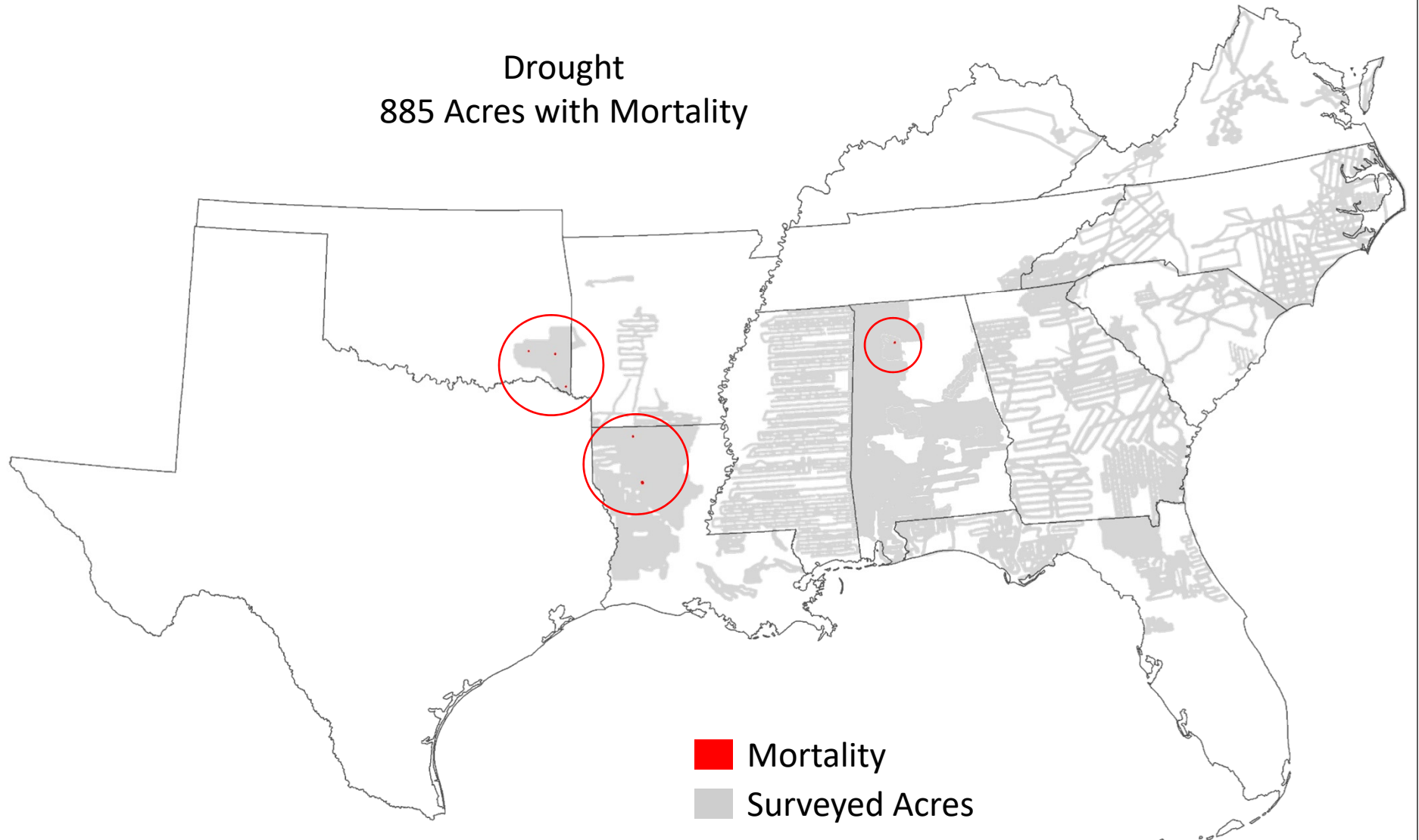
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Drought
885 Acres with Mortality



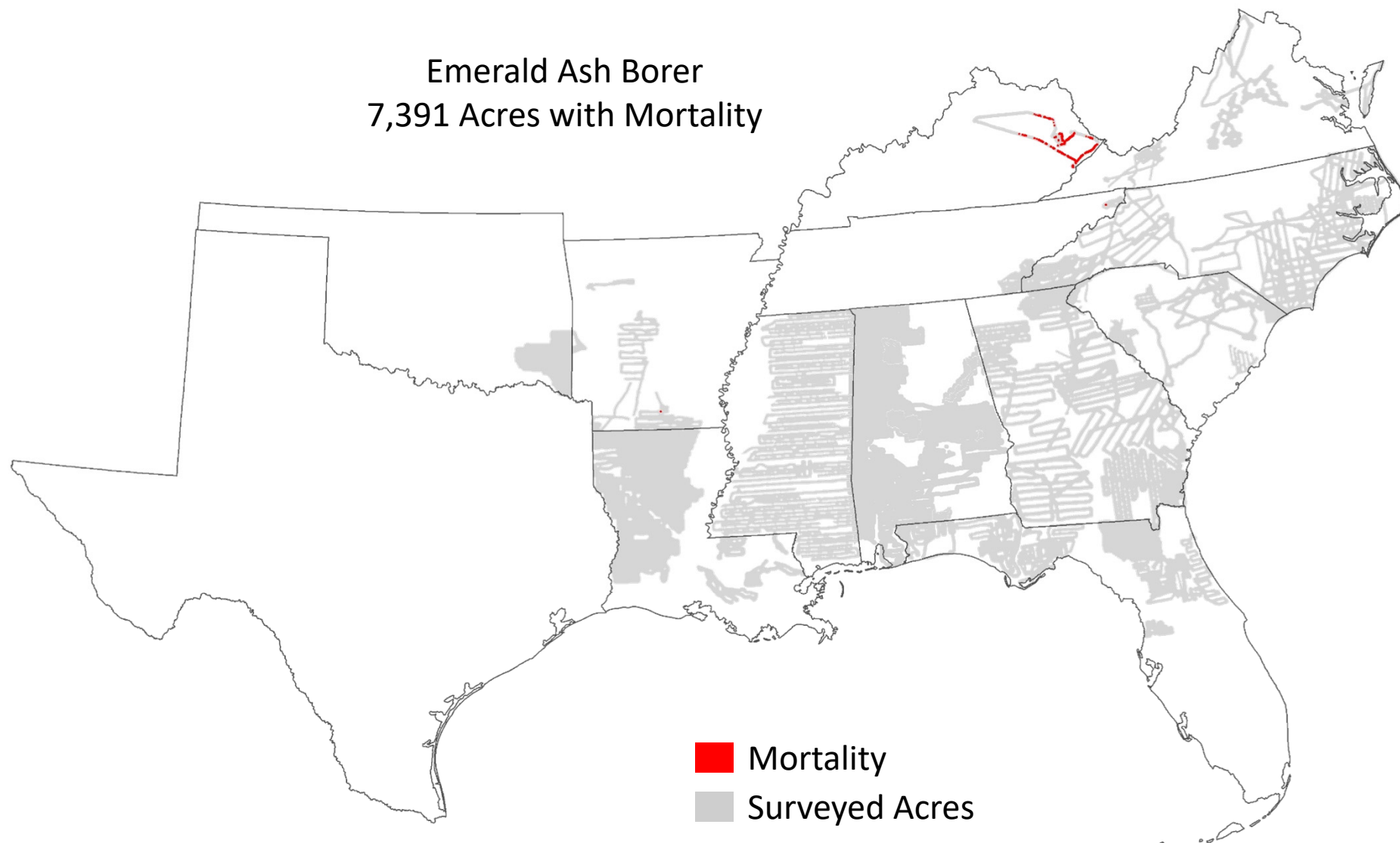
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Emerald Ash Borer
7,391 Acres with Mortality

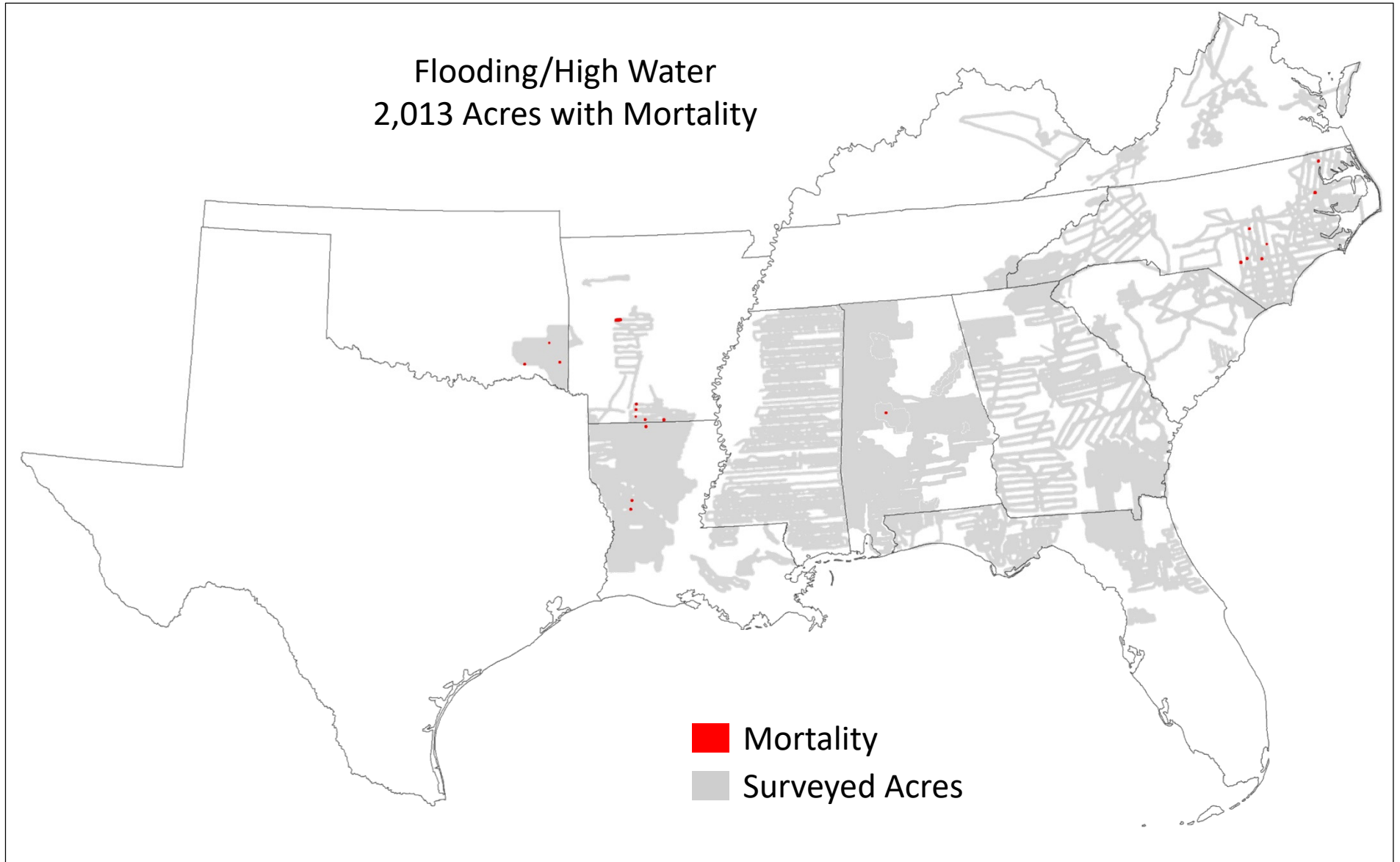


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Flooding/High Water
2,013 Acres with Mortality



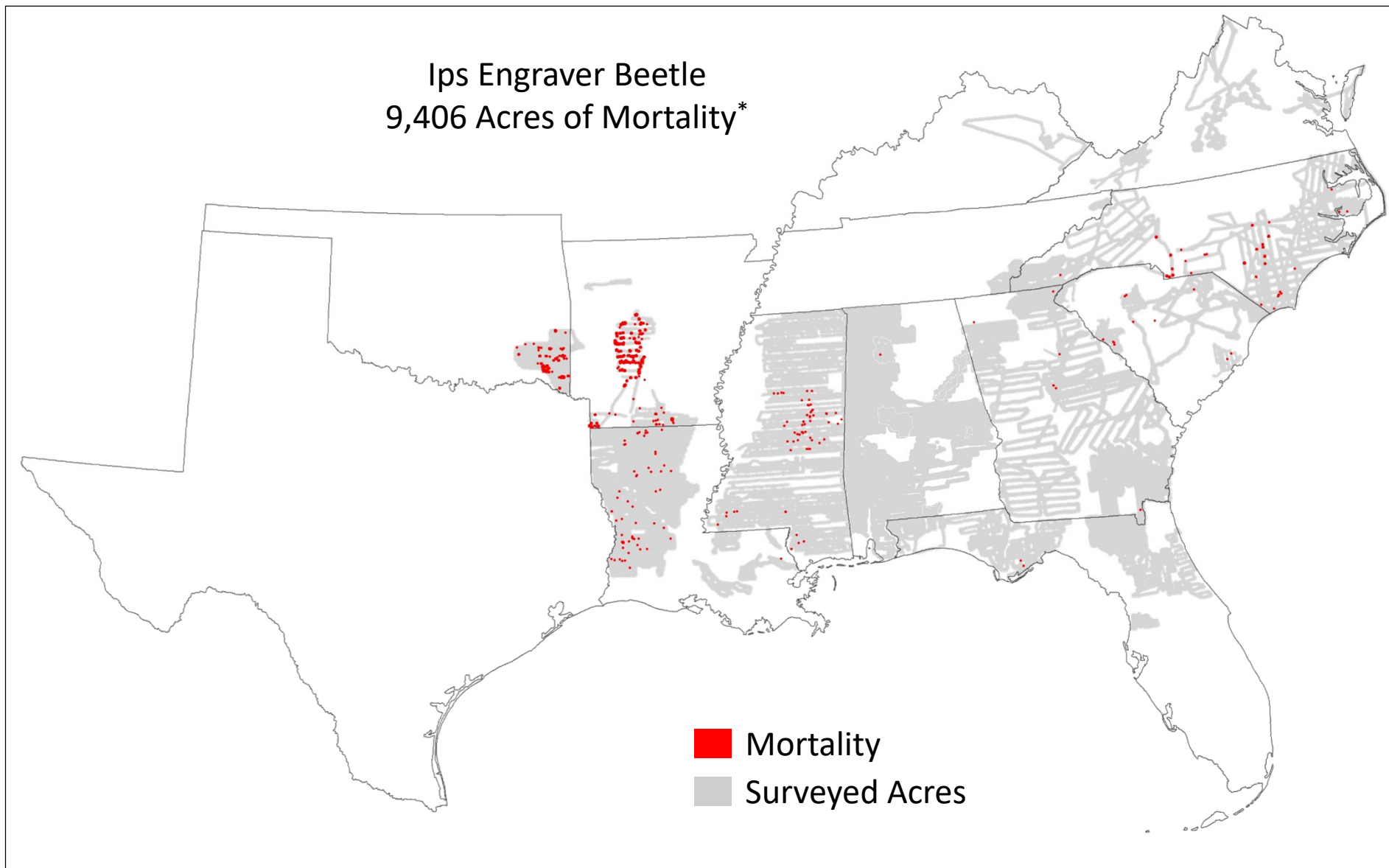
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Ips Engraver Beetle
9,406 Acres of Mortality*



* Most mortality represented here is based on individual points denoting a bark beetle 'spot'. Most spots are some distance apart and less than an acre in size. However, at this scale many points may appear to overlap and often look bigger than they actually are. Therefore, the more concentrated areas of mortality may seem 'overdone' in relation to actual reported acres of mortality.

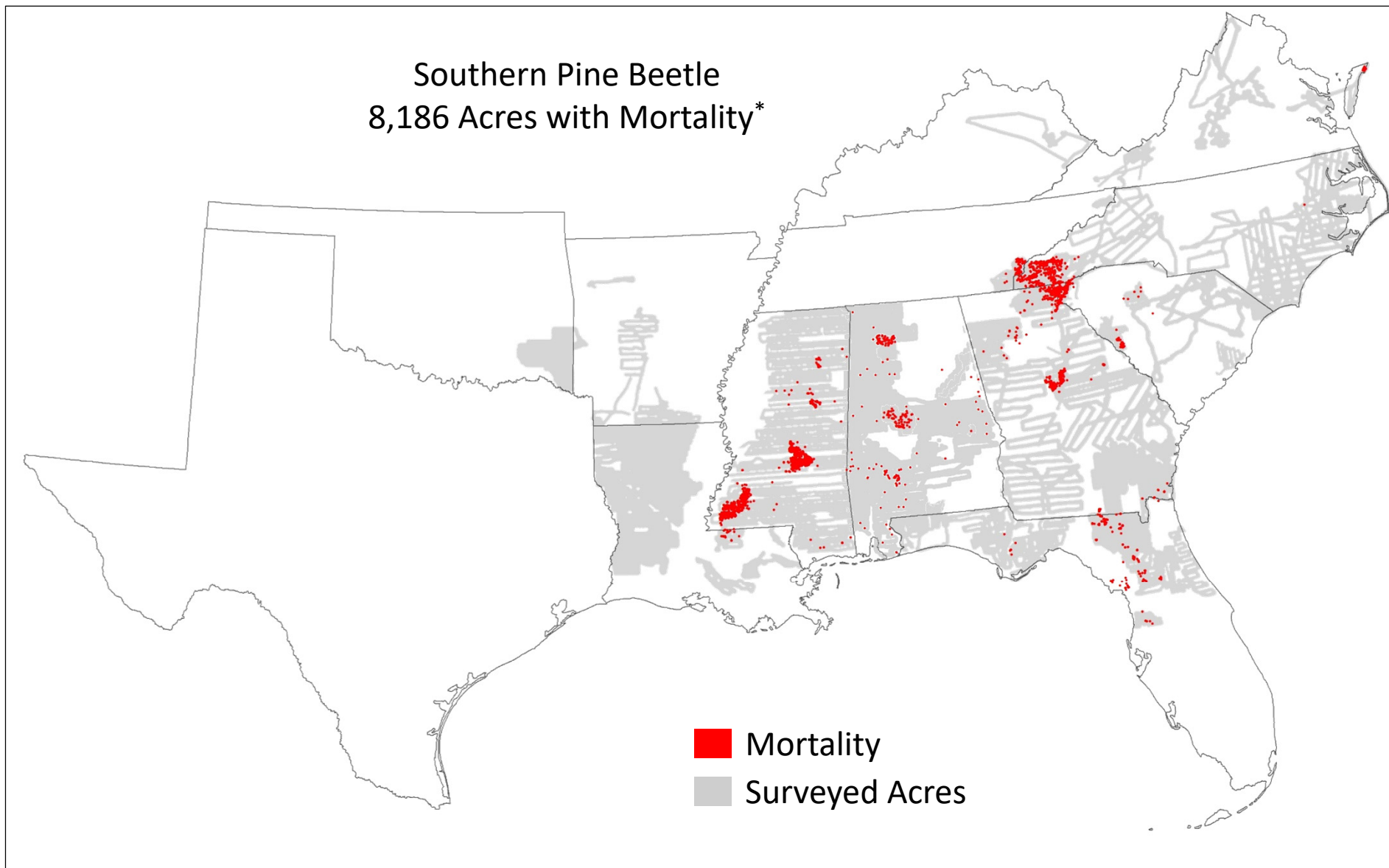
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Southern Pine Beetle
8,186 Acres with Mortality*



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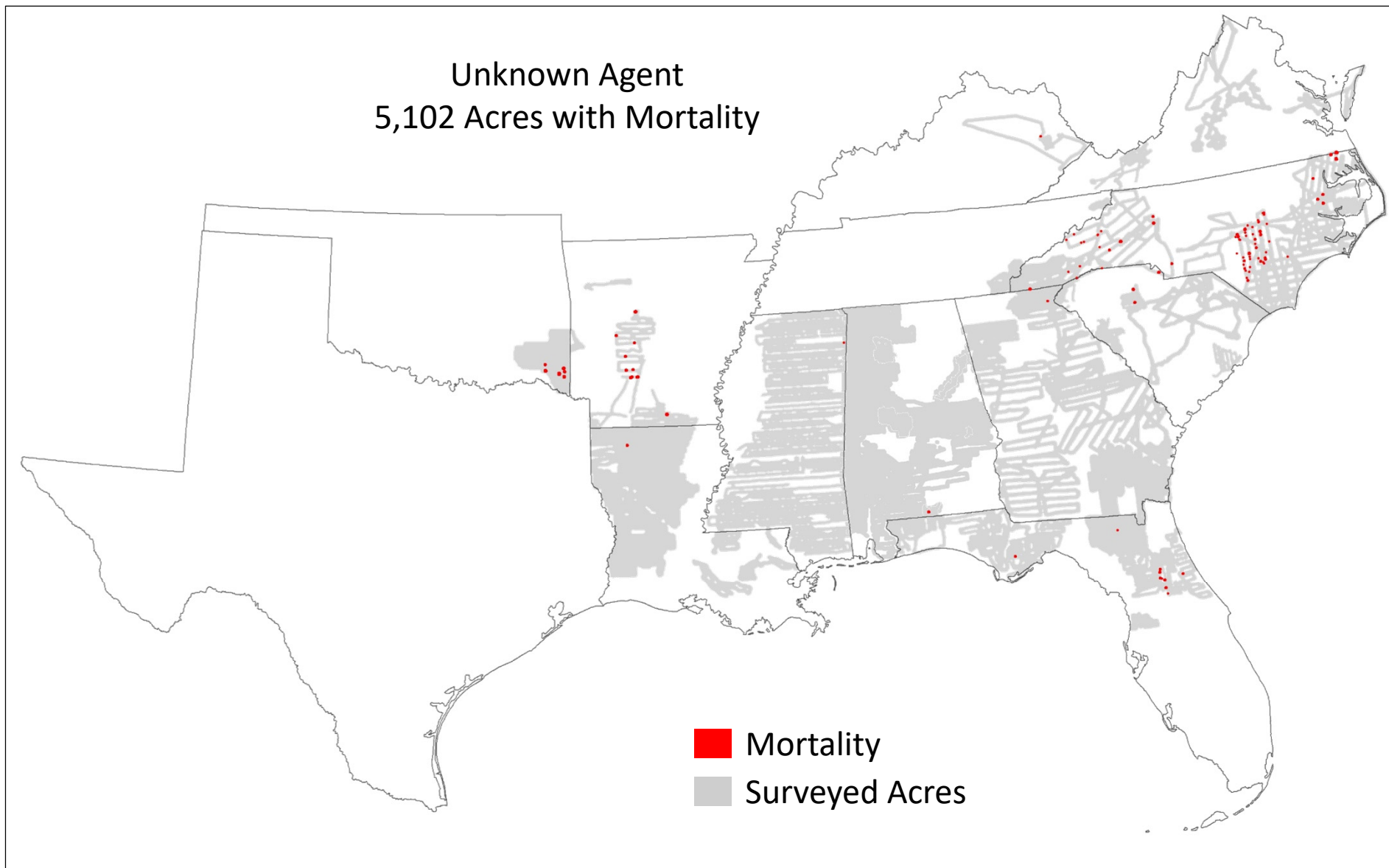
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Unknown Agent
5,102 Acres with Mortality



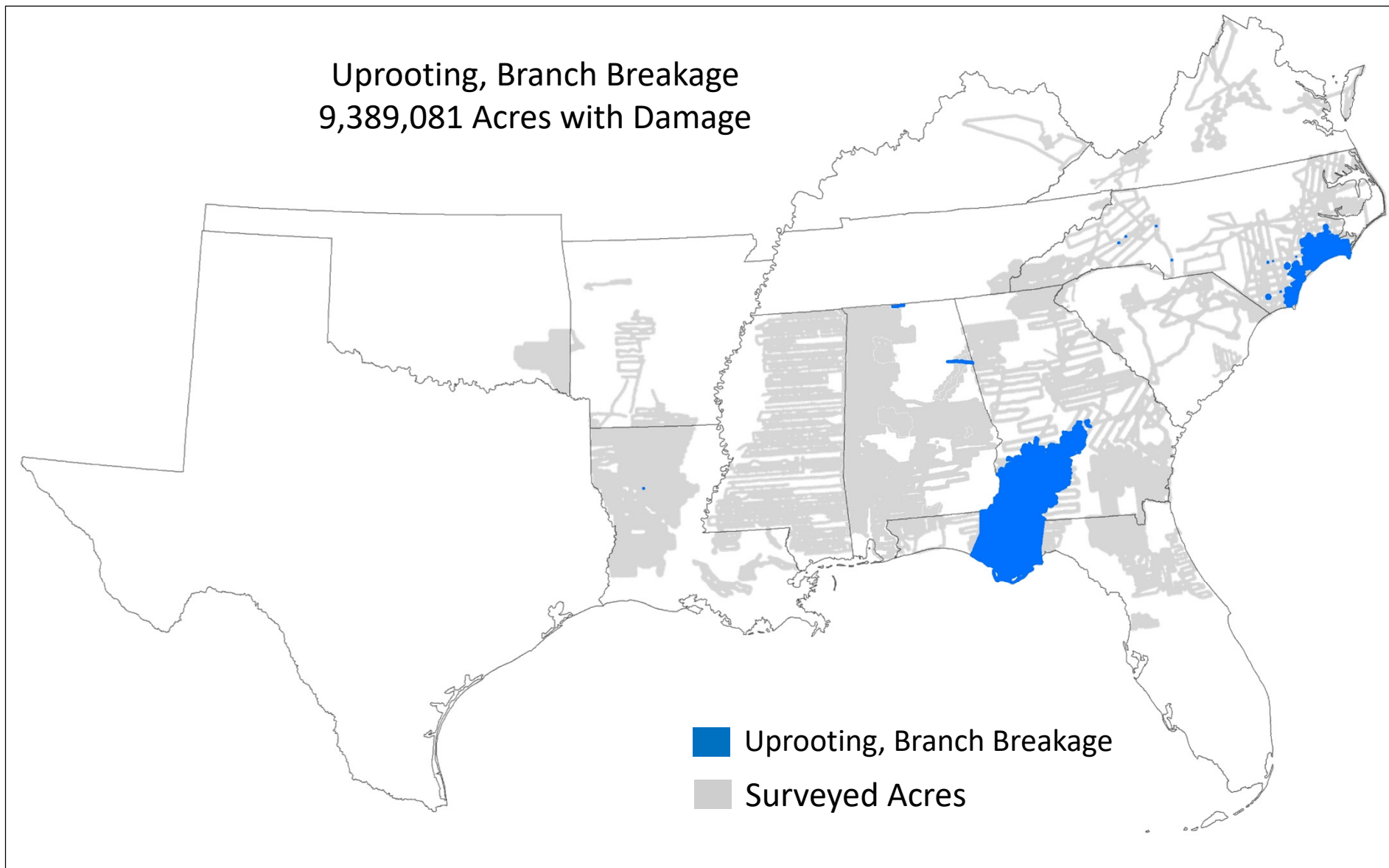
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Uprooting, Branch Breakage
9,389,081 Acres with Damage



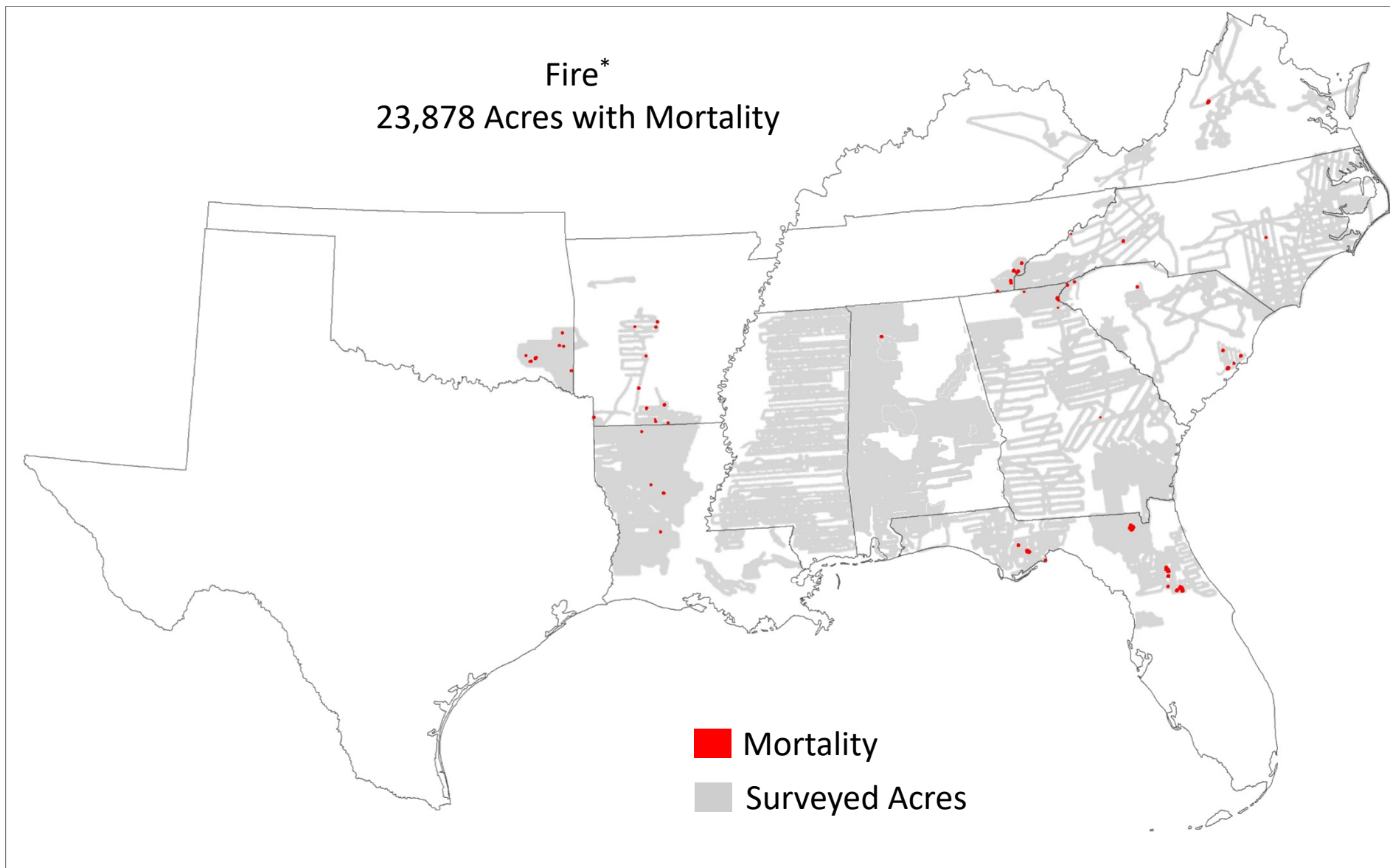
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Fire*
23,878 Acres with Mortality



*Damage from fire occurrence other than a managed wildfire incident; data collected in DMSM.

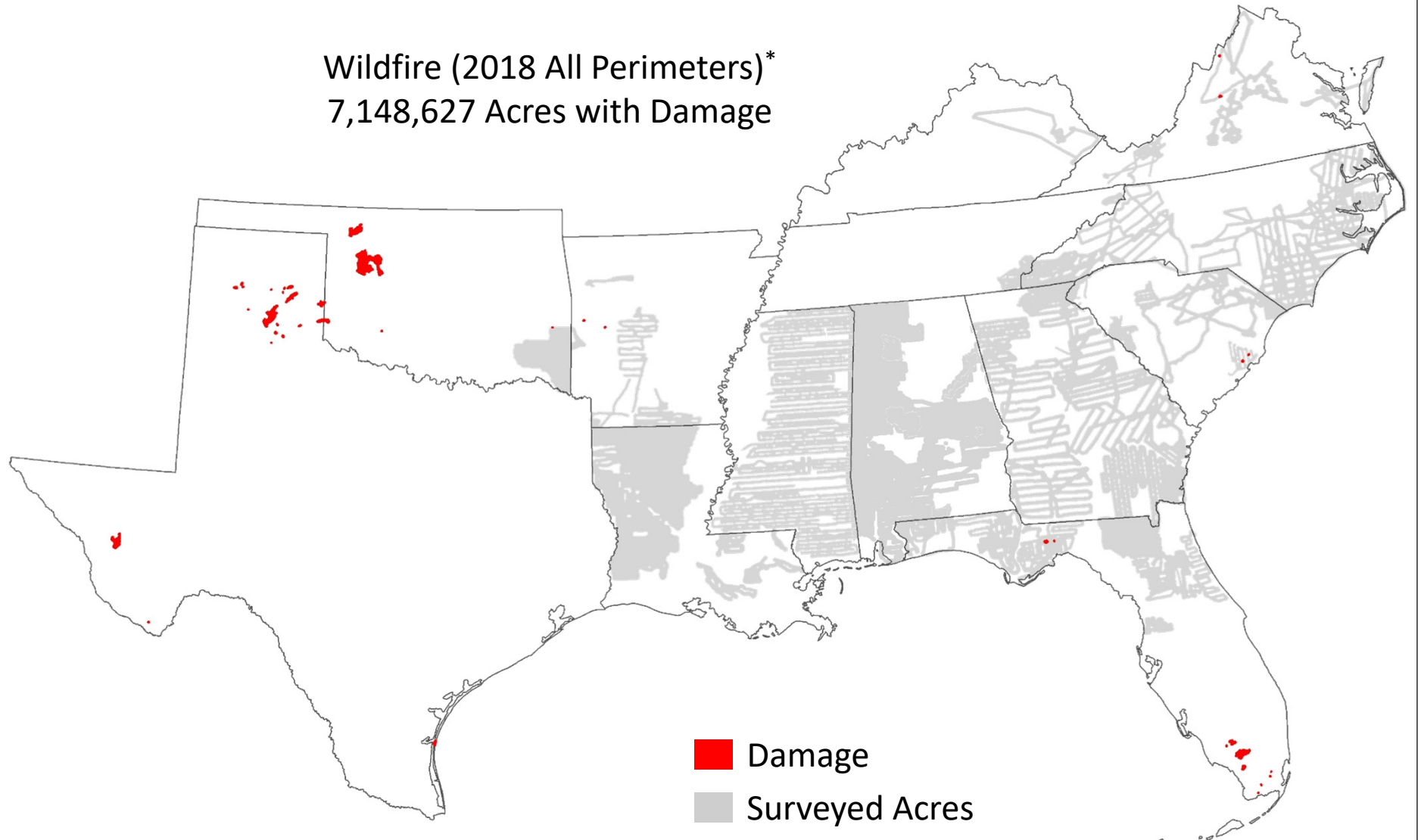
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Wildfire (2018 All Perimeters)*
7,148,627 Acres with Damage



* Wildland fire perimeter data provided by the Geospatial Multi-Agency Coordination (GeoMAC) wildland fire support system, U.S. Geological Survey (USGS).