

Southeast Coast Network

National Park Service
Inventory and Monitoring Division



Landbird Community Monitoring at Horseshoe Bend National Military Park

2021 Data Summary

Species Distribution Maps

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The following maps (Figures 1–59) highlight the vocalization detections for each species at Horseshoe Bend National Military Park in 2021. These are supplemental to the Landbird Community Monitoring: 2021 Data Summary Report for Horseshoe Bend National Military Park available at <https://irma.nps.gov/DataStore/Reference/Profile/2291580>.

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Canada Goose (*Branta canadensis*)

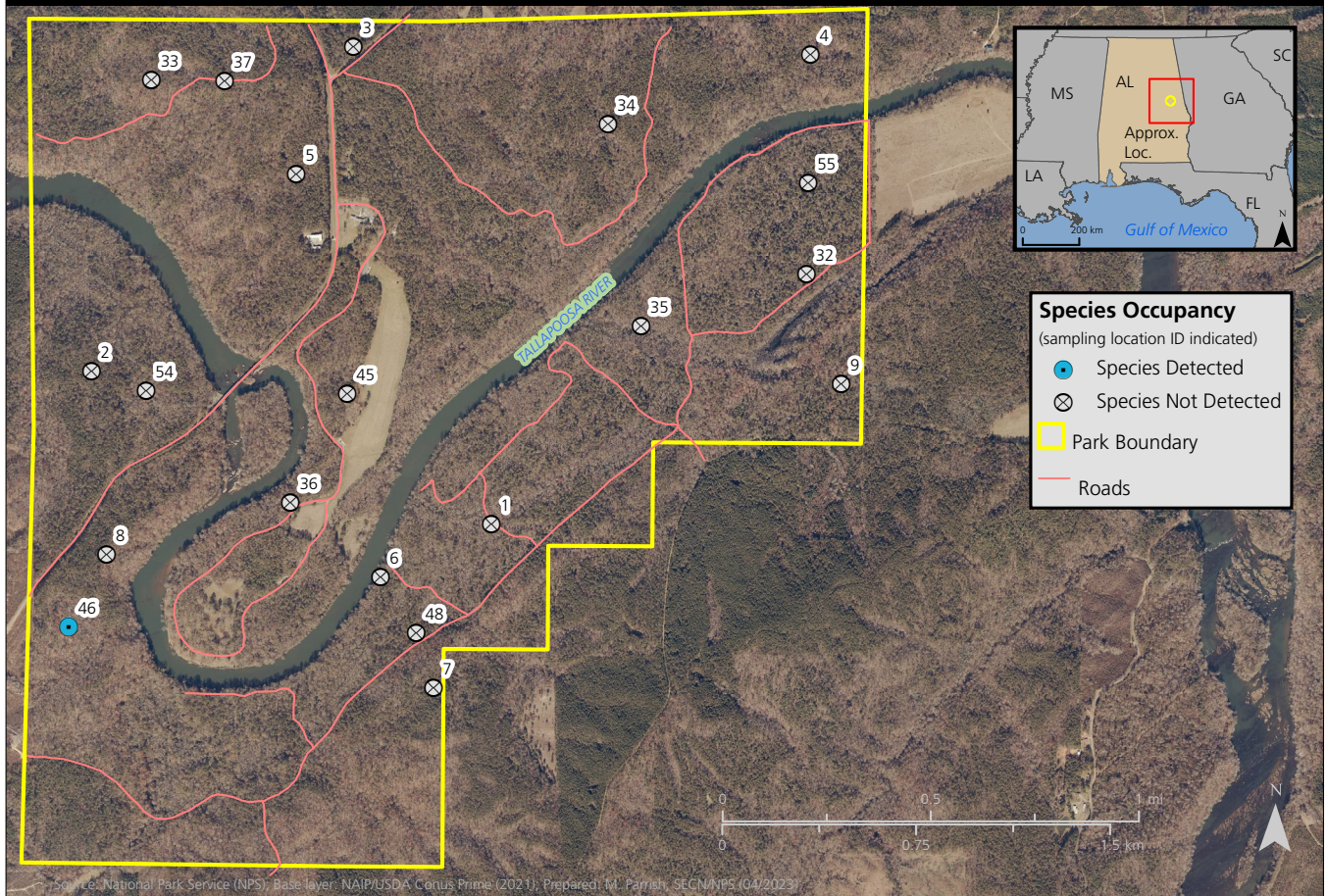


Figure 1. Vocalization detections of Canada goose (*Branta canadensis*) at Horseshoe Bend National Military Park.



Wood Duck (*Aix sponsa*)

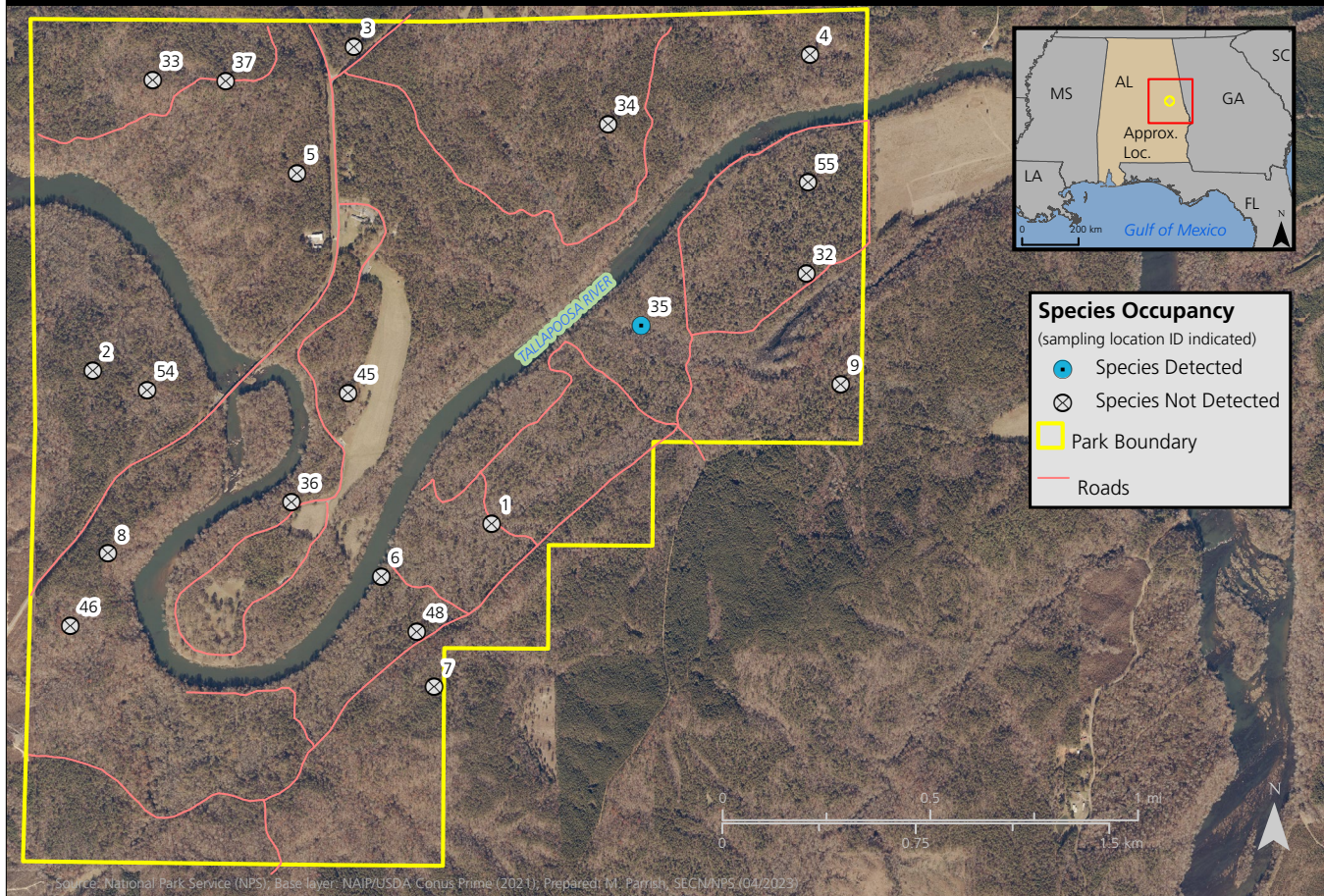


Figure 2. Vocalization detections of wood duck (*Aix sponsa*) at Horseshoe Bend National Military Park.



Mourning Dove (*Zenaida macroura*)

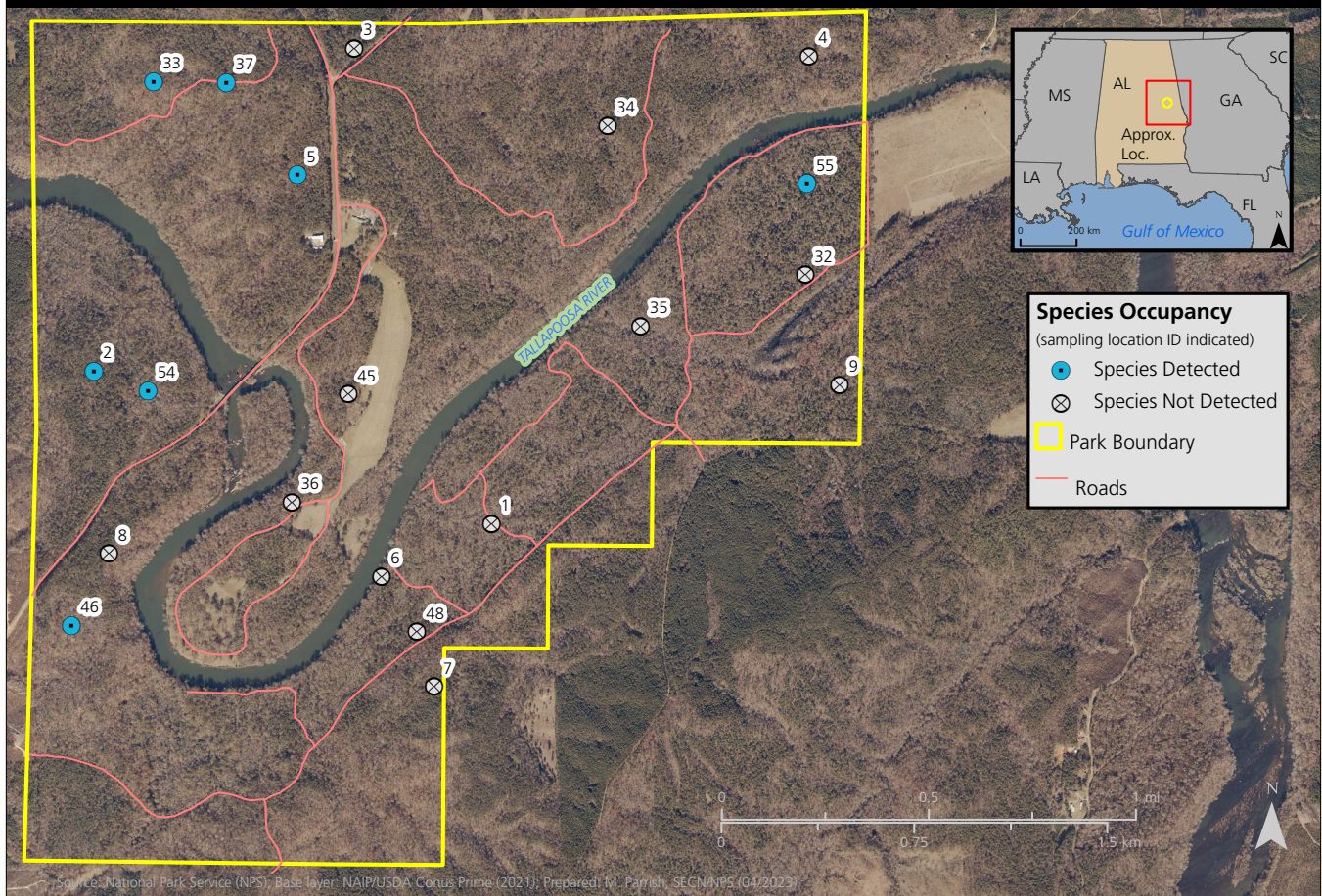


Figure 3. Vocalization detections of mourning dove (*Zenaida macroura*) at Horseshoe Bend National Military Park.



Yellow-billed Cuckoo (*Coccyzus americanus*)

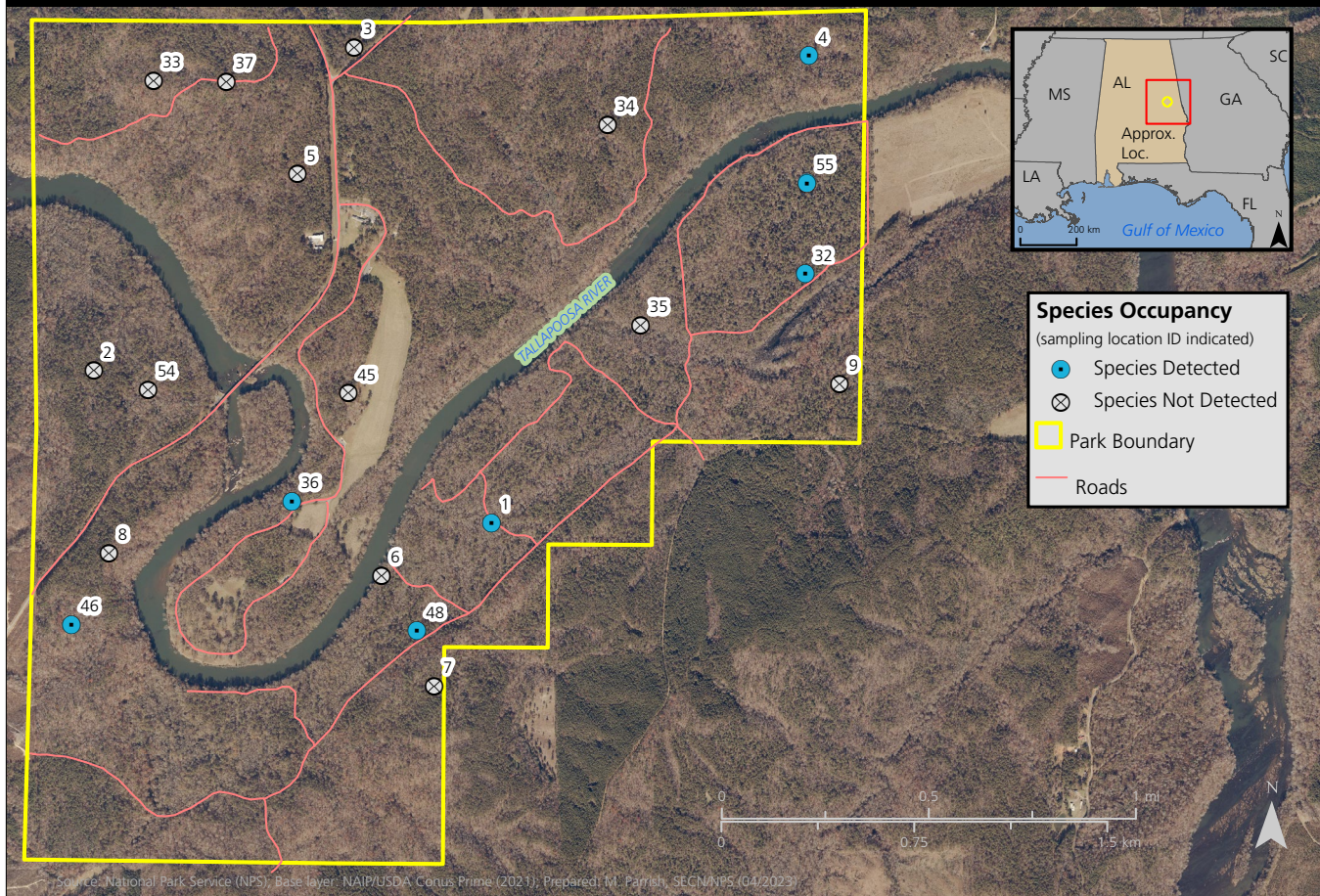


Figure 4. Vocalization detections of yellow-billed cuckoo (*Coccyzus americanus*) at Horseshoe Bend National Military Park.



Chuck-will's-widow (*Antrostomus carolinensis*)

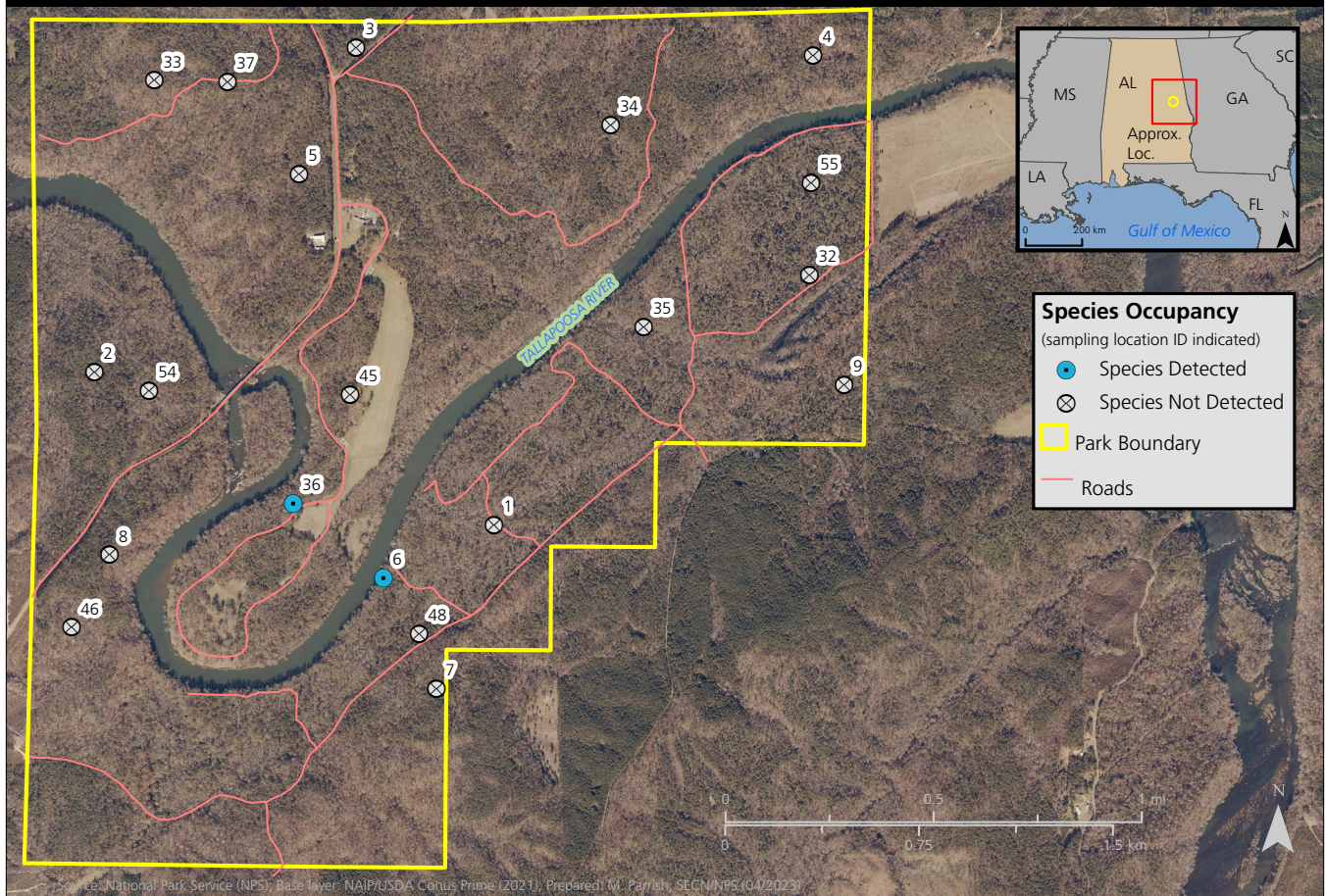


Figure 5. Vocalization detections of Chuck-will's-widow (*Antrostomus carolinensis*) at Horseshoe Bend National Military Park.



Ruby-throated Hummingbird (*Archilochus colubris*)

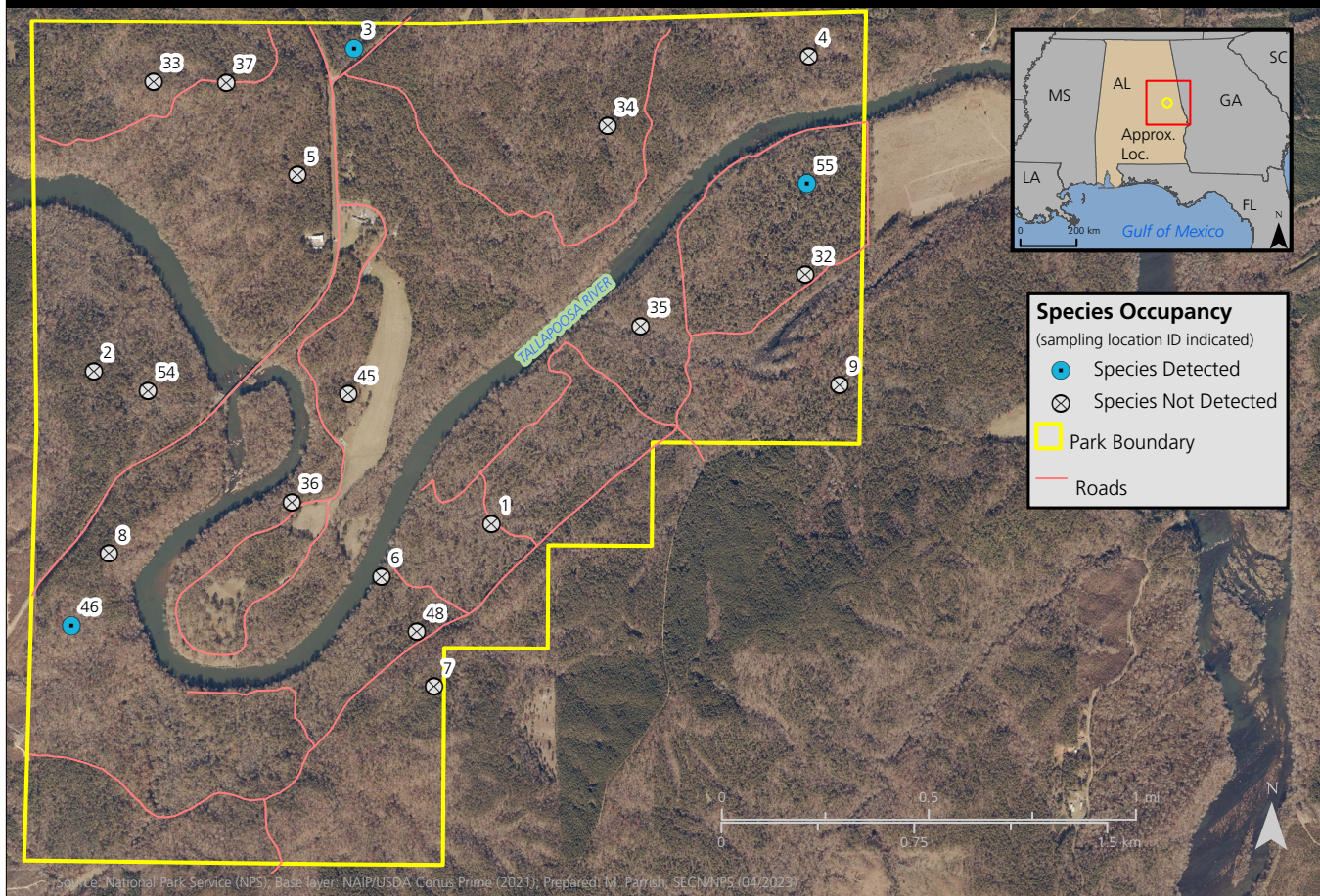


Figure 6. Vocalization detections of ruby-throated hummingbird (*Archilochus colubris*) at Horseshoe Bend National Military Park.



Red-shouldered Hawk (*Buteo lineatus*)

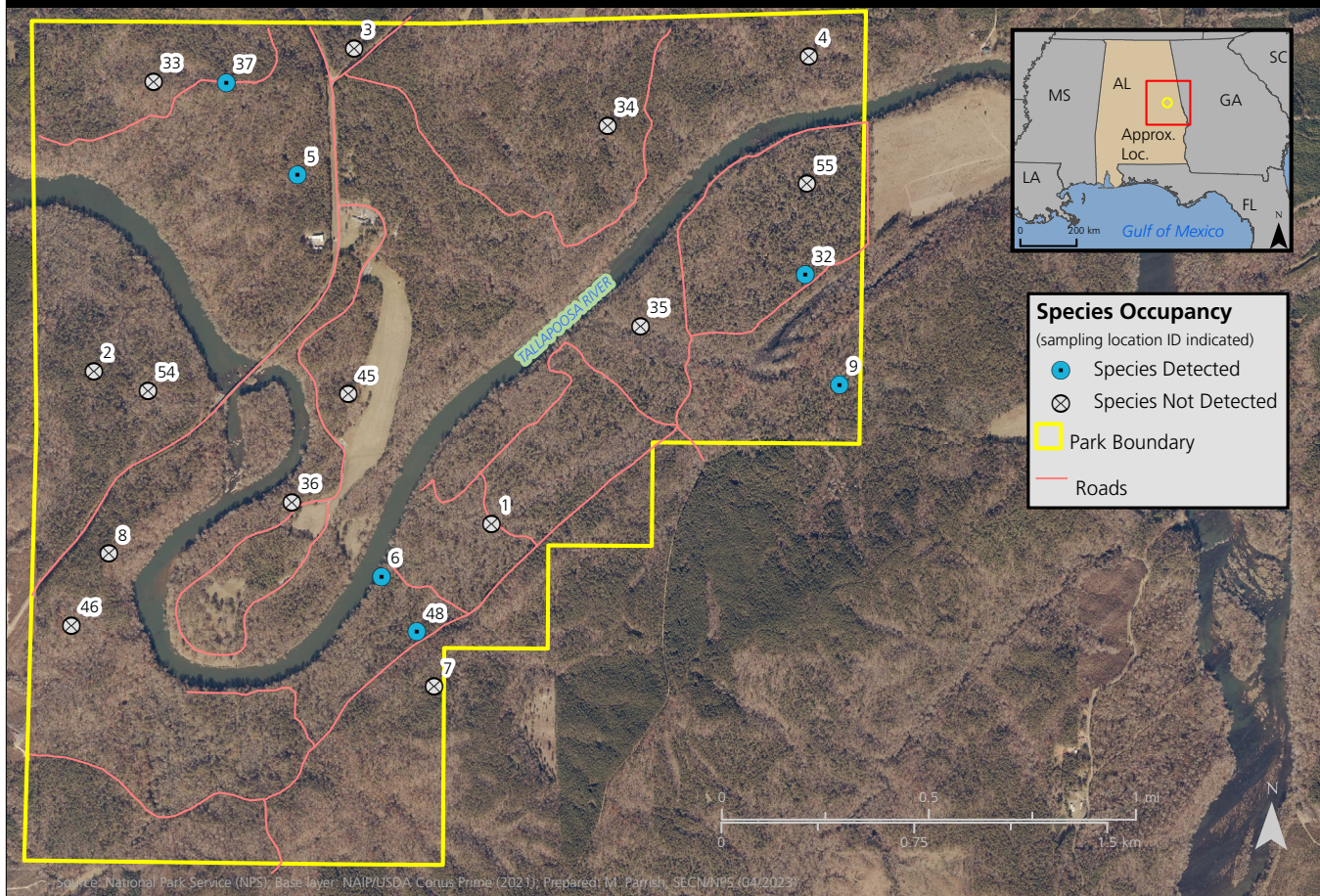


Figure 7. Vocalization detections of red-shouldered hawk (*Buteo lineatus*) at Horseshoe Bend National Military Park.



Broad-winged Hawk (*Buteo platypterus*)

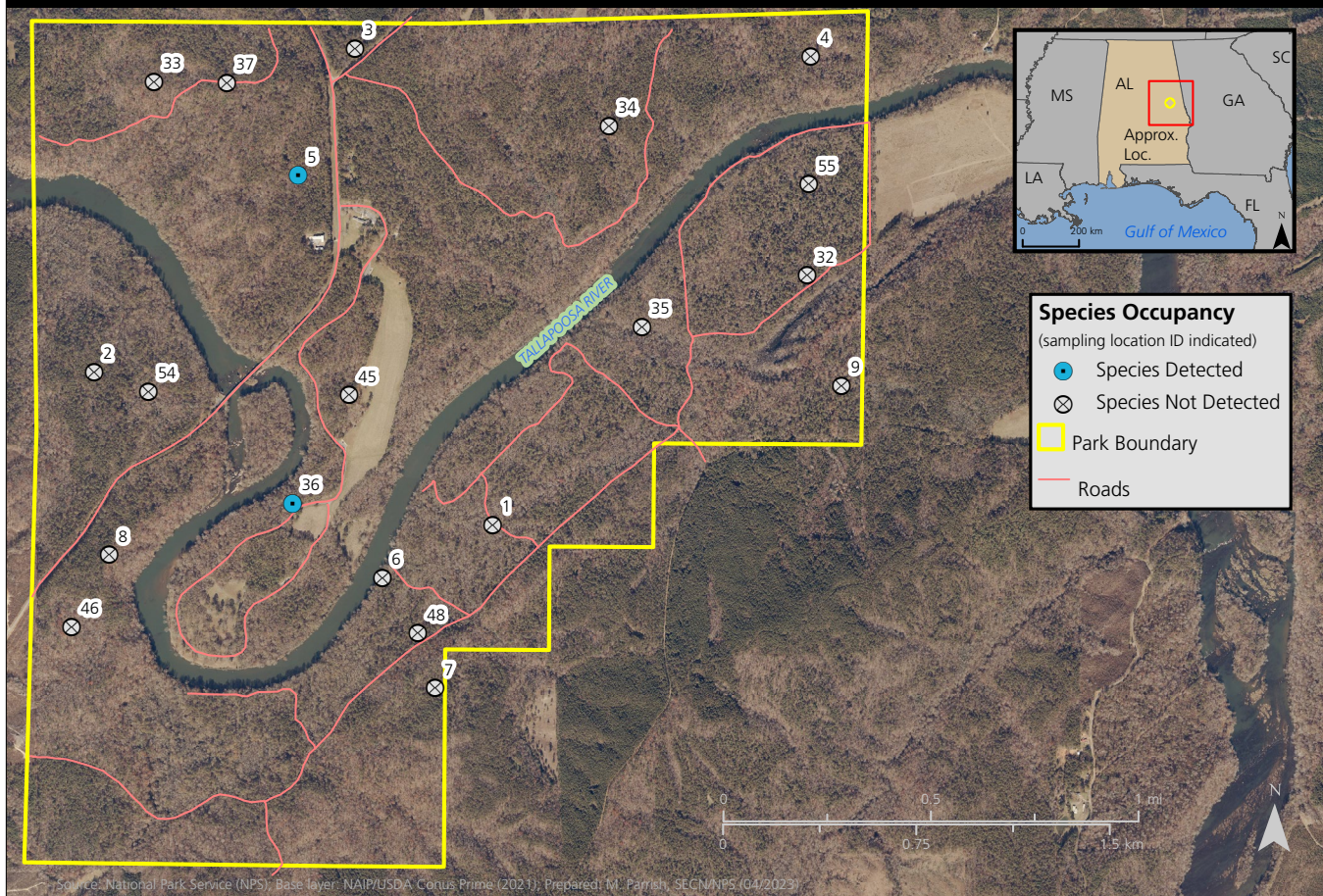


Figure 8. Vocalization detections of broad-winged hawk (*Buteo platypterus*) at Horseshoe Bend National Military Park.



Red-headed Woodpecker (*Melanerpes erythrocephalus*)

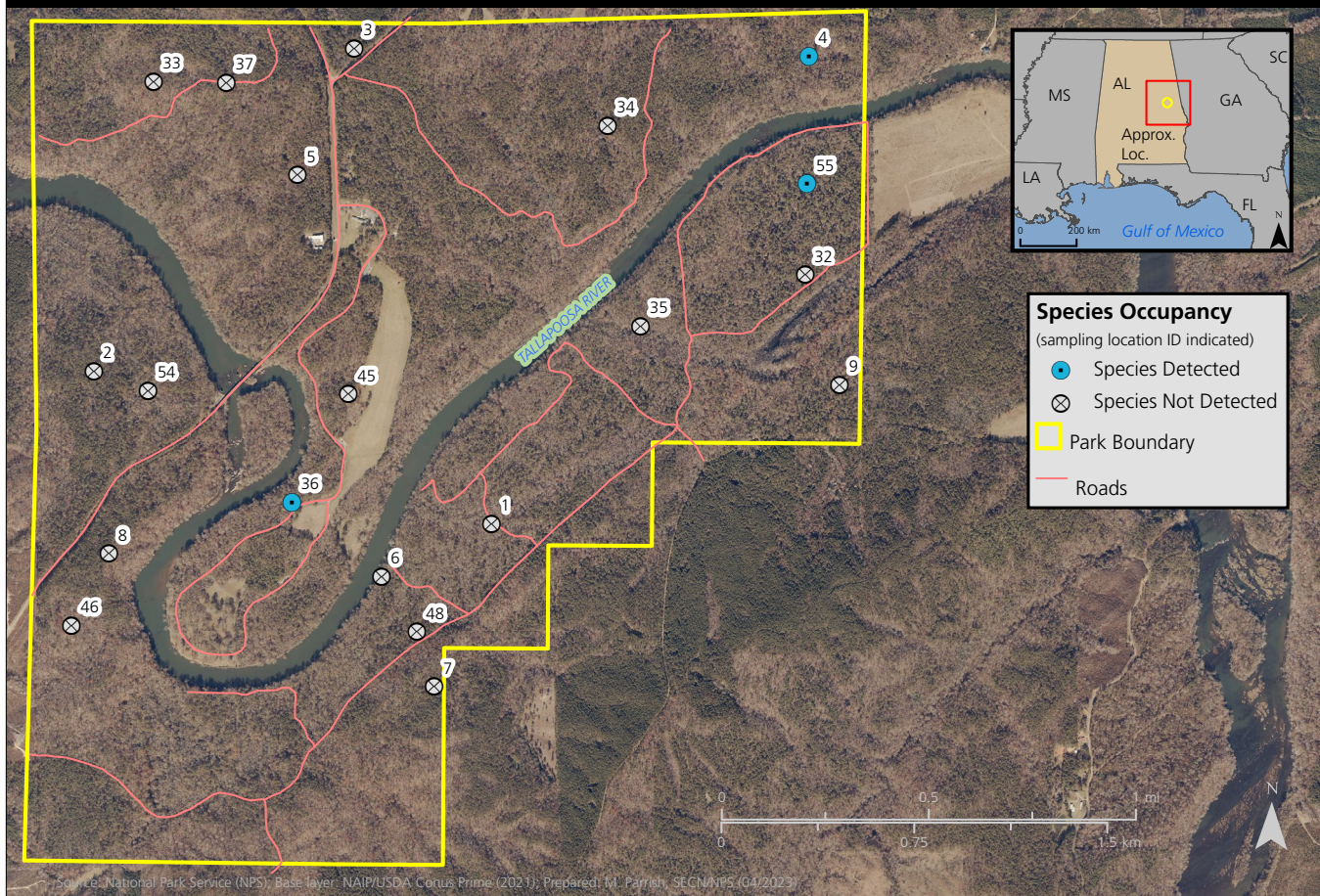


Figure 9. Vocalization detections of red-headed woodpecker (*Melanerpes erythrocephalus*) at Horseshoe Bend National Military Park.



Red-bellied Woodpecker (*Melanerpes carolinus*)

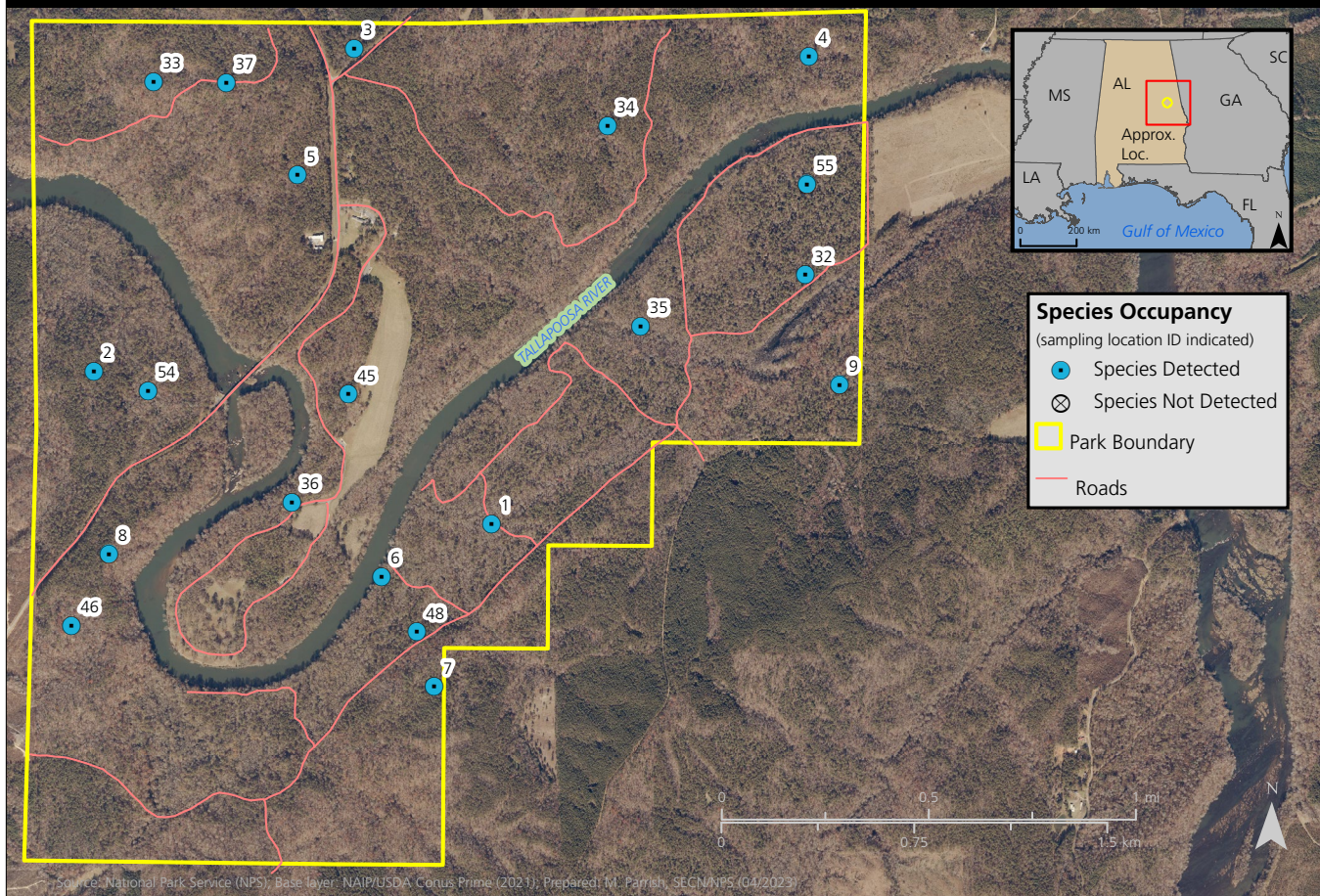


Figure 10. Vocalization detections of red-bellied woodpecker (*Melanerpes carolinus*) at Horseshoe Bend National Military Park.



Downy Woodpecker (*Dryobates pubescens*)

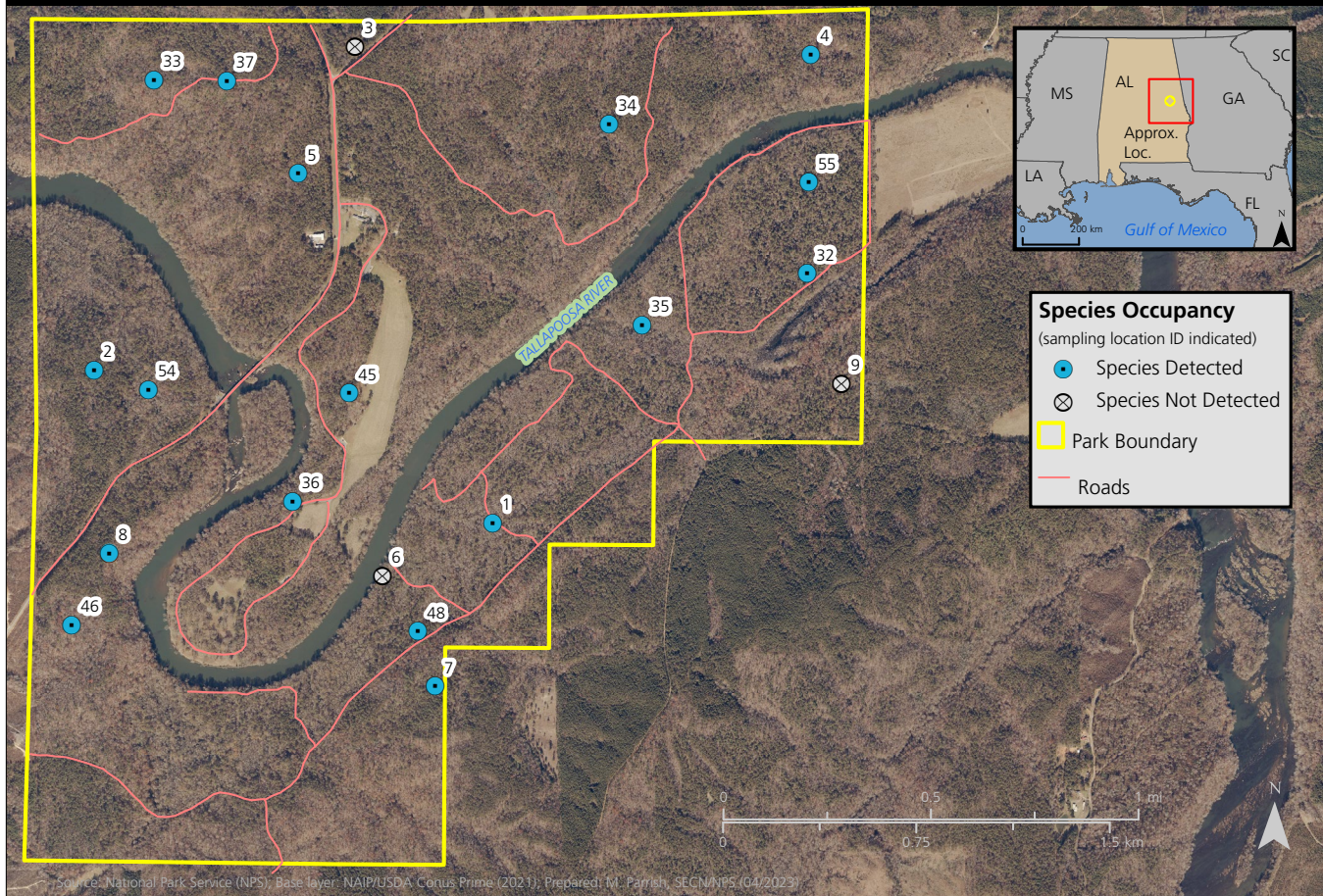


Figure 11. Vocalization detections of downy woodpecker (*Dryobates pubescens*) at Horseshoe Bend National Military Park.



Hairy Woodpecker (*Leuconotopicus villosus*)

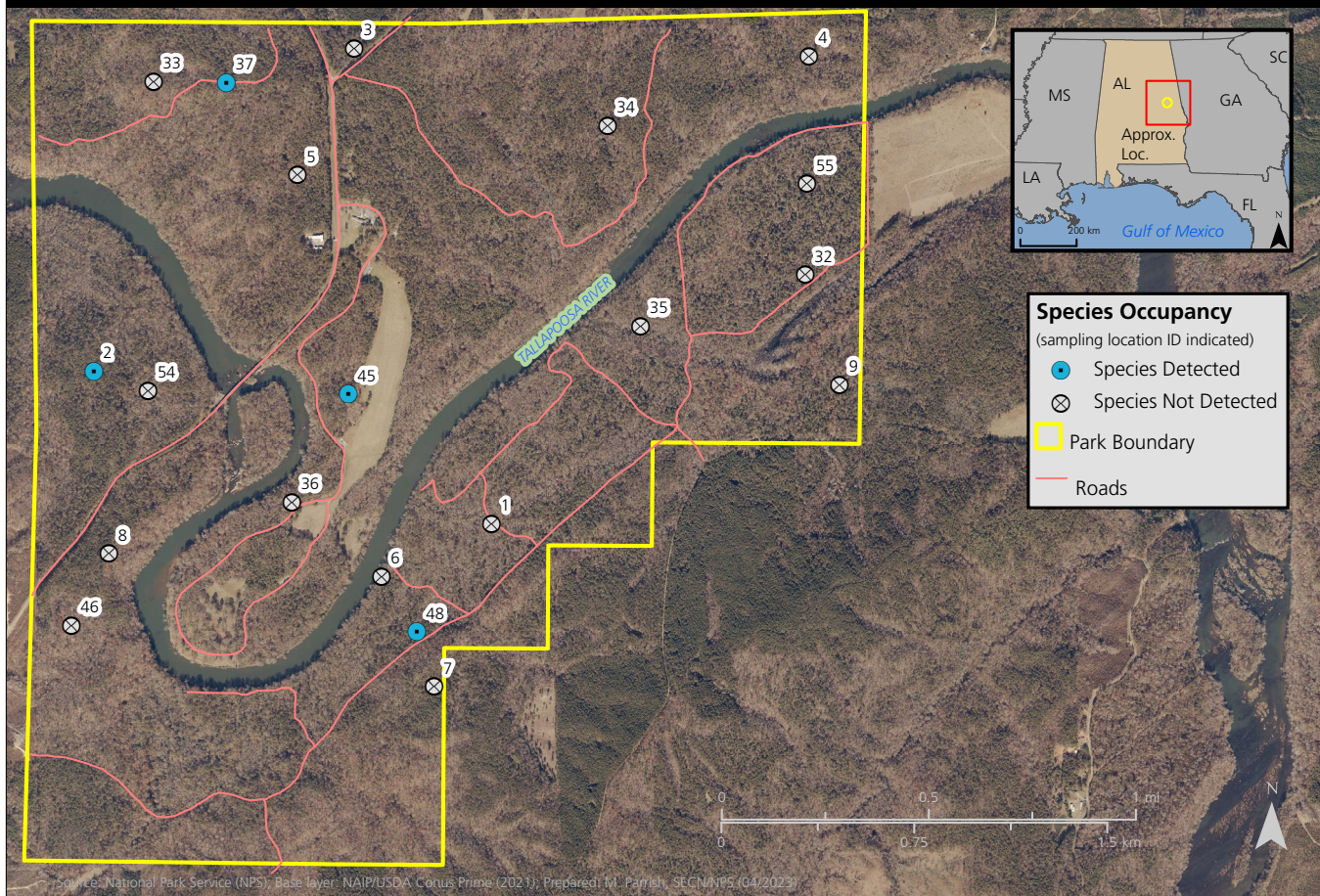


Figure 12. Vocalization detections of hairy woodpecker (*Leuconotopicus villosus*) at Horseshoe Bend National Military Park.



Northern Flicker (*Colaptes auratus*)

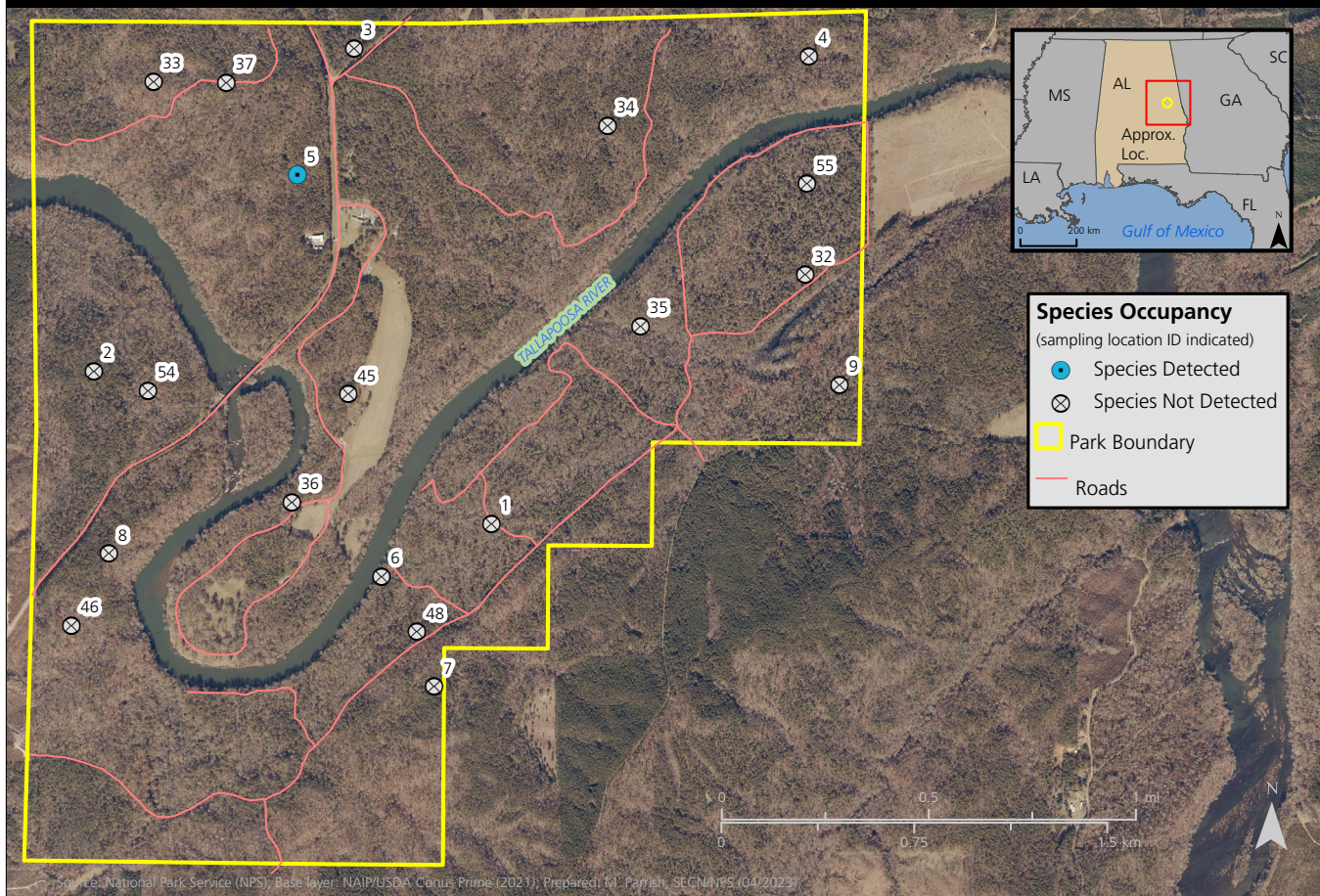


Figure 13. Vocalization detections of northern flicker (*Colaptes auratus*) at Horseshoe Bend National Military Park.



Pileated Woodpecker (*Dryocopus pileatus*)

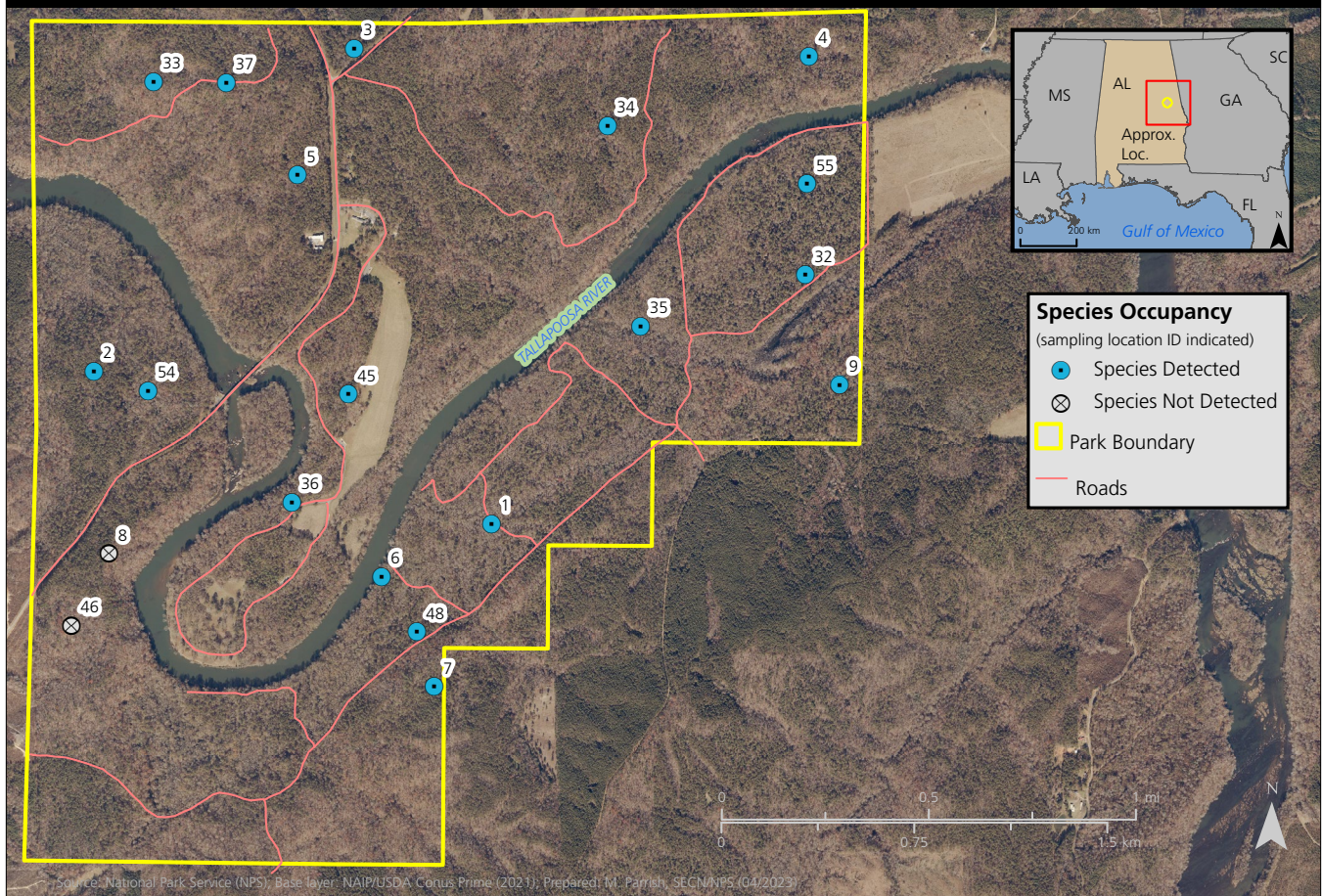


Figure 14. Vocalization detections of pileated woodpecker (*Dryocopus pileatus*) at Horseshoe Bend National Military Park.



Great Crested Flycatcher (*Myiarchus crinitus*)

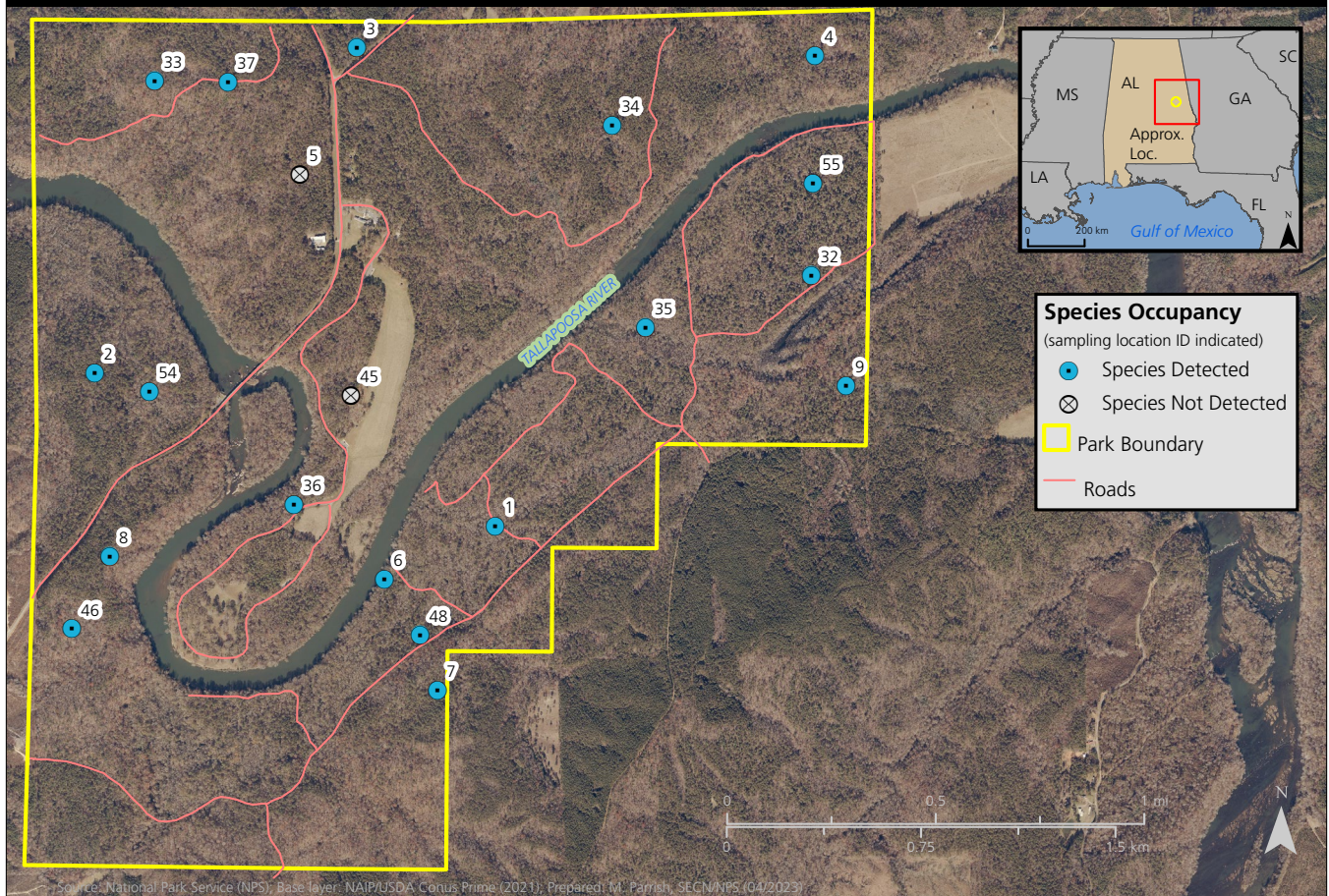


Figure 15. Vocalization detections of great crested flycatcher (*Myiarchus crinitus*) at Horseshoe Bend National Military Park.



Eastern Wood-Pewee (*Contopus virens*)

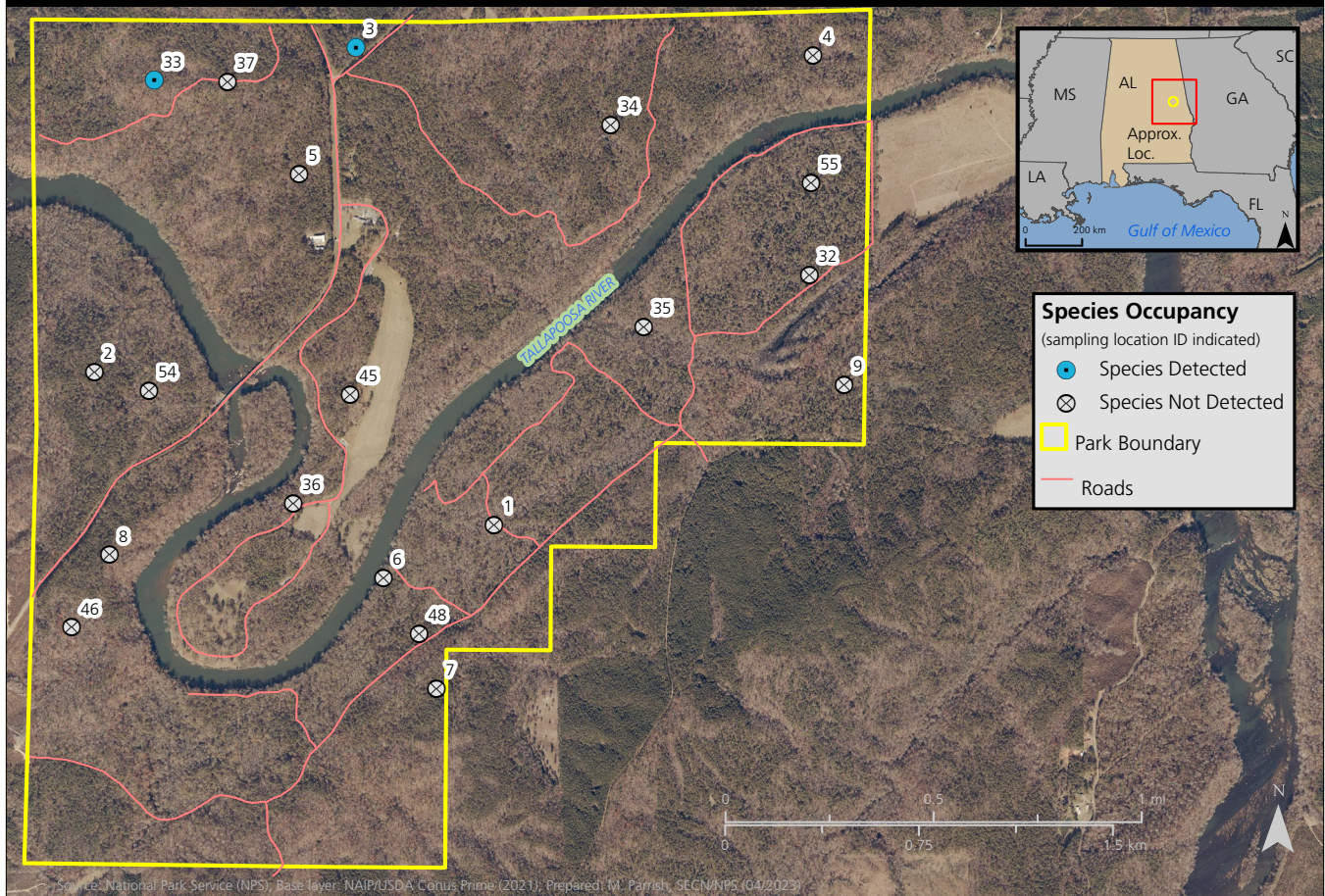


Figure 16. Vocalization detections of eastern wood-peewee (*Contopus virens*) at Horseshoe Bend National Military Park.



Acadian Flycatcher (*Empidonax virescens*)

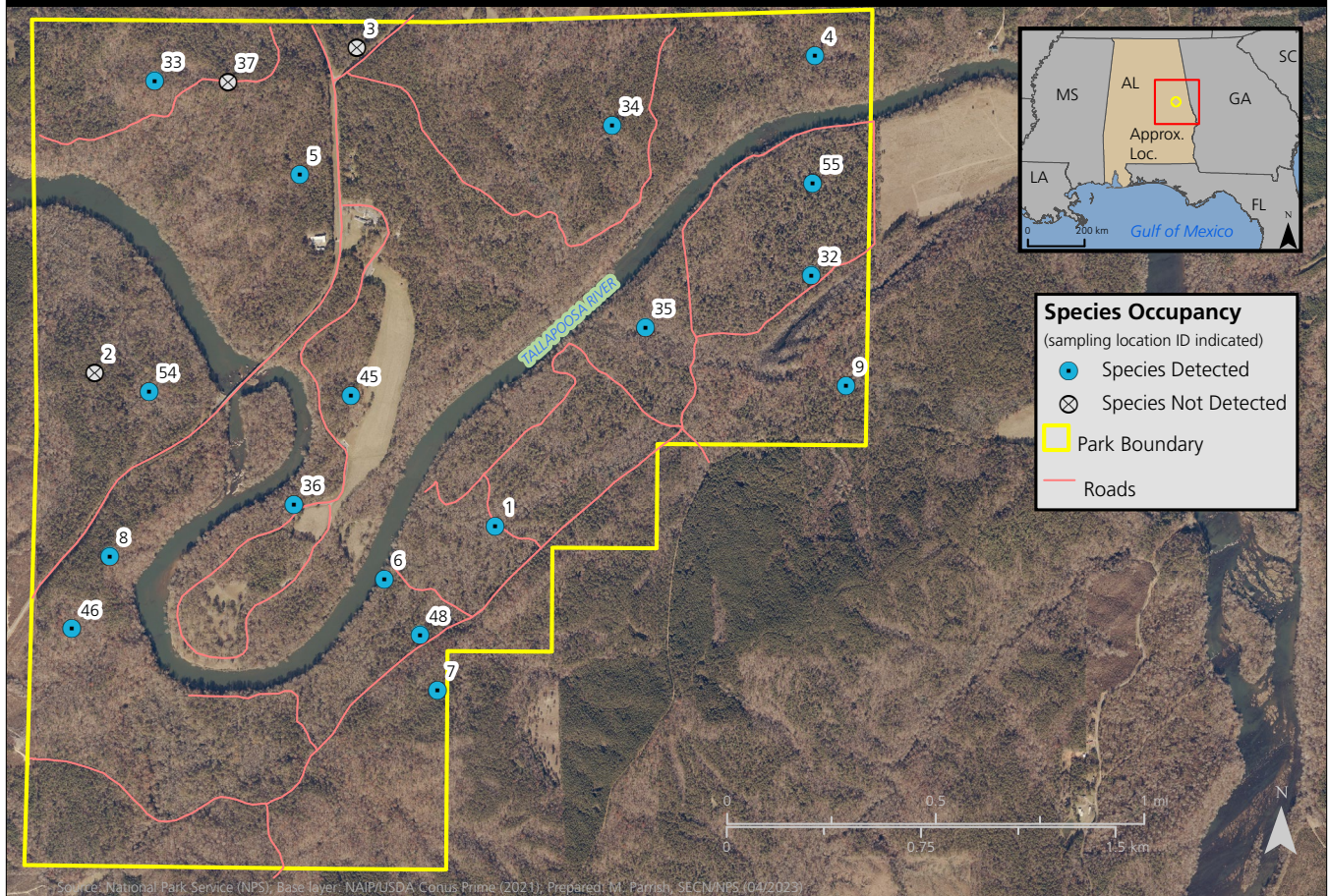


Figure 17. Vocalization detections of Acadian flycatcher (*Empidonax virescens*) at Horseshoe Bend National Military Park.



Eastern Phoebe (*Sayornis phoebe*)

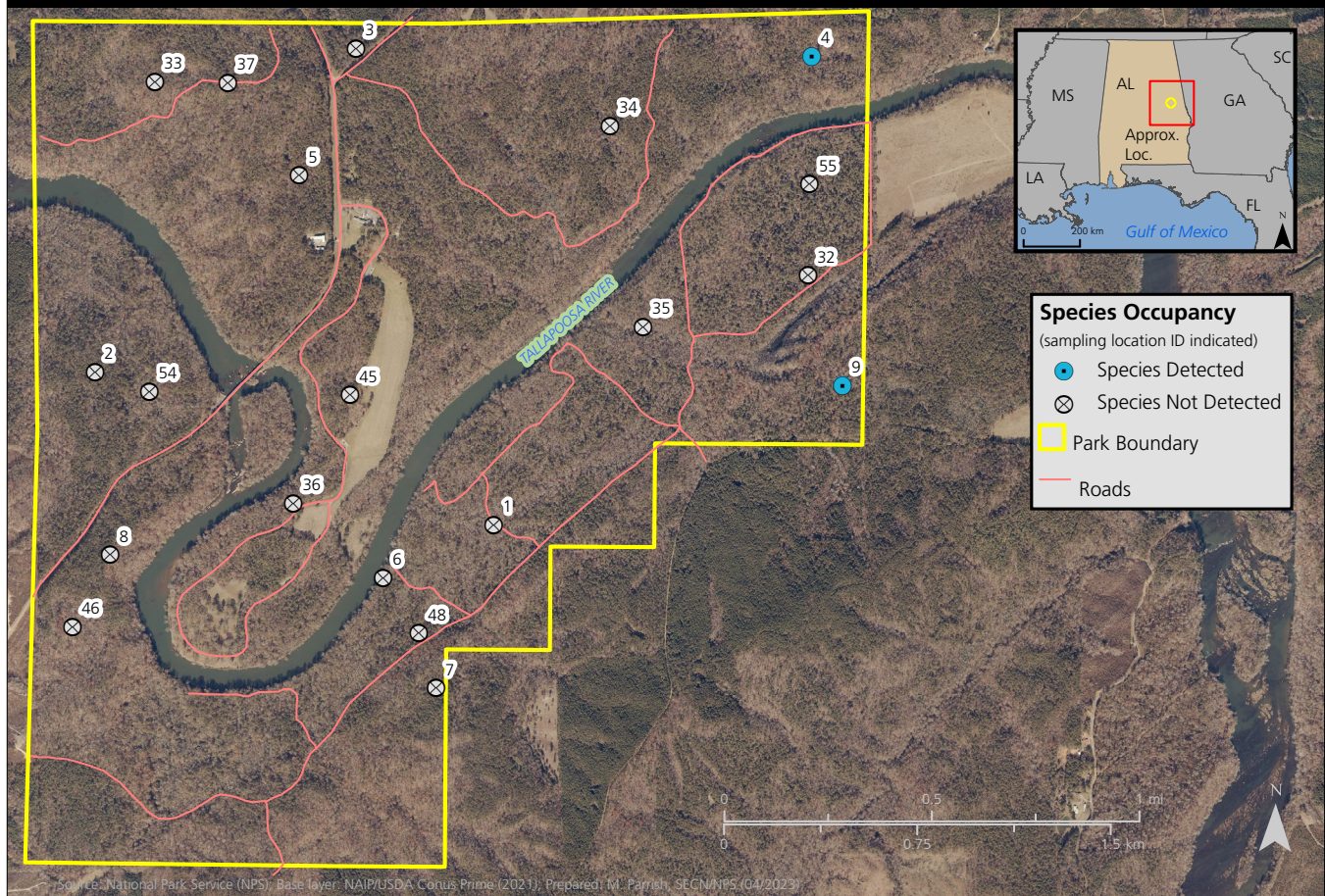


Figure 18. Vocalization detections of eastern phoebe (*Sayornis phoebe*) at Horseshoe Bend National Military Park.



White-eyed Vireo (*Vireo griseus*)

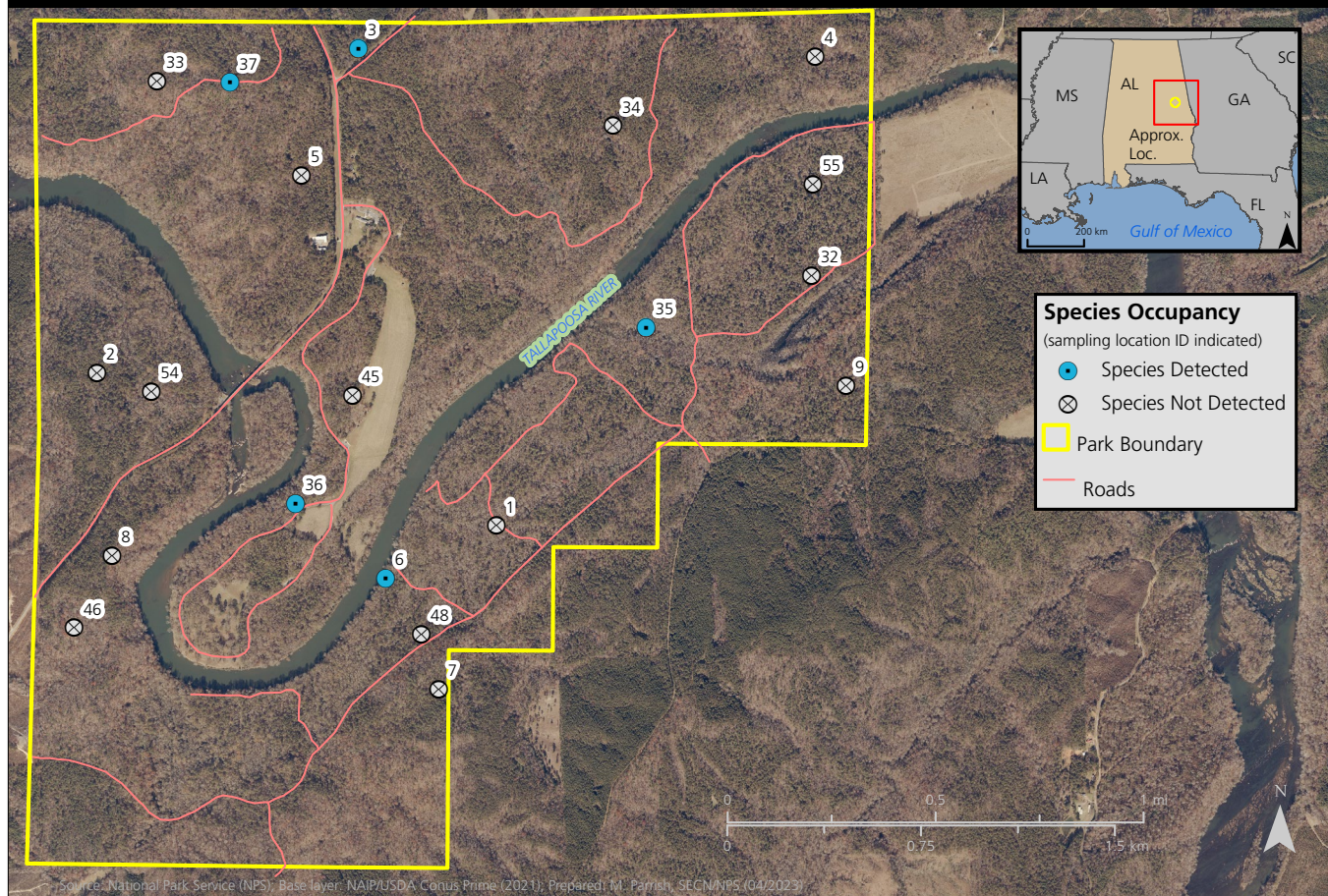


Figure 19. Vocalization detections of white-eyed vireo (*Vireo griseus*) at Horseshoe Bend National Military Park.



Yellow-throated Vireo (*Vireo flavifrons*)

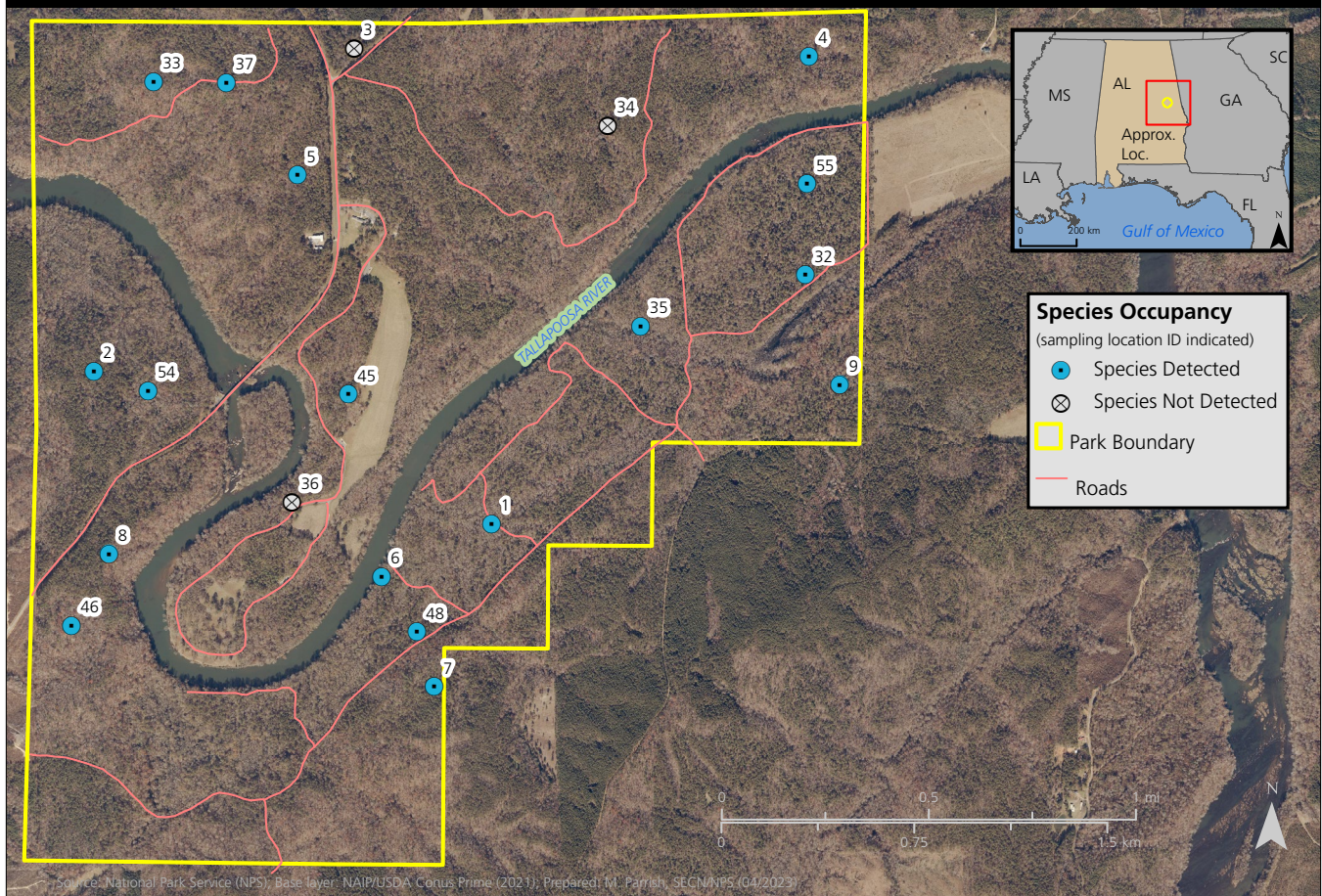


Figure 20. Vocalization detections of yellow-throated vireo (*Vireo flavifrons*) at Horseshoe Bend National Military Park.



Blue-headed Vireo (*Vireo solitarius*)

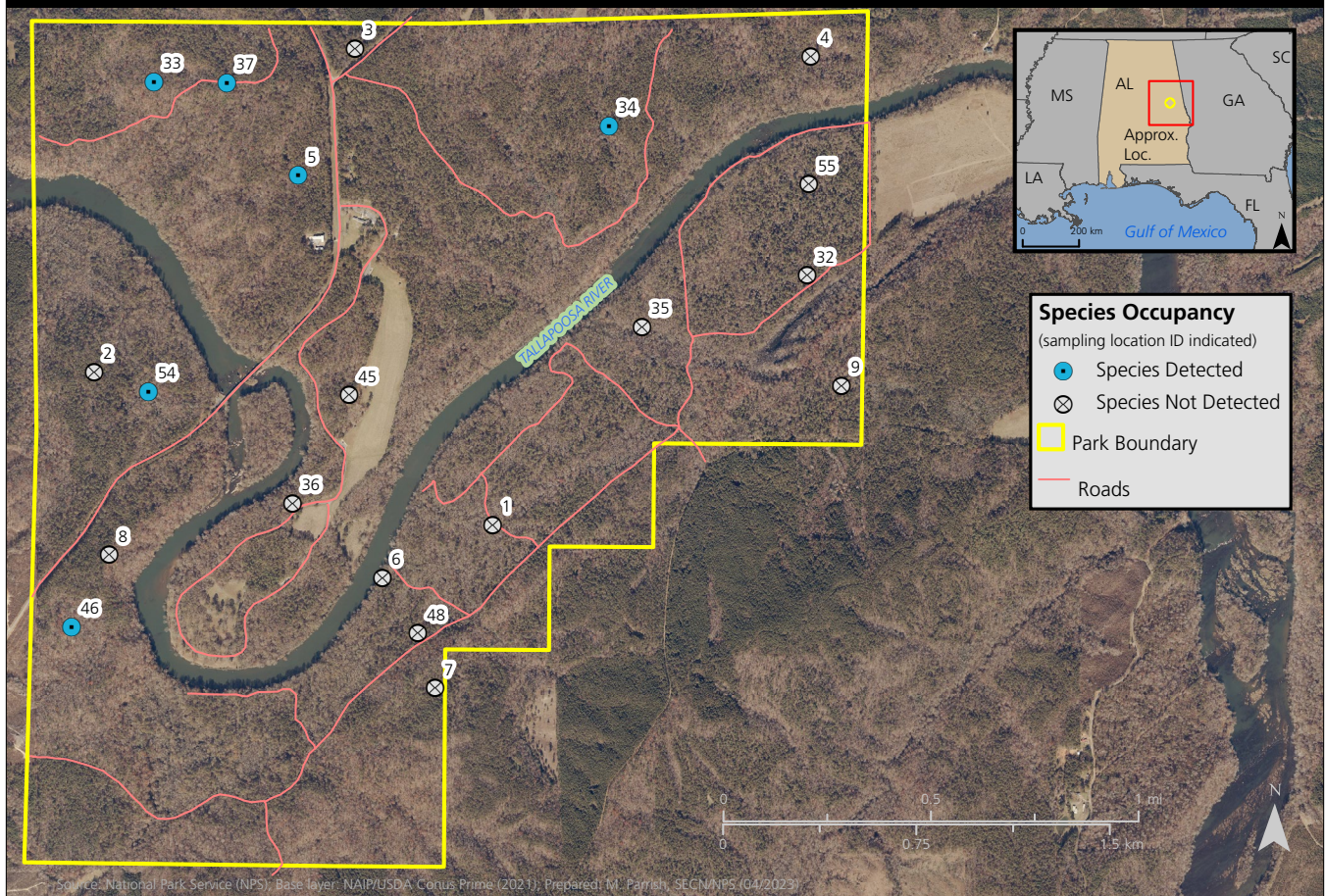


Figure 21. Vocalization detections of blue-headed vireo (*Vireo solitarius*) at Horseshoe Bend National Military Park.



Red-eyed Vireo (*Vireo olivaceus*)

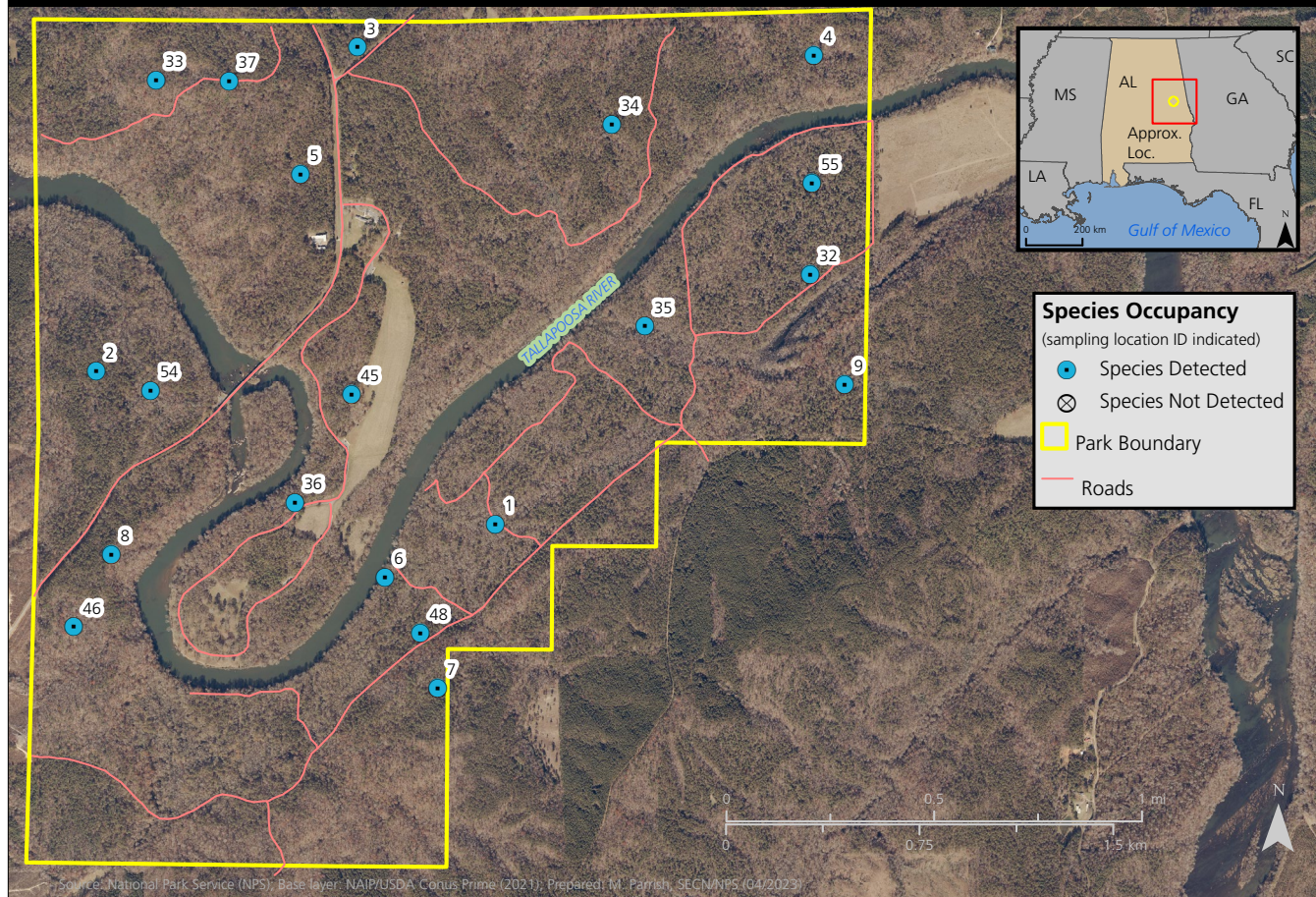


Figure 22. Vocalization detections of red-eyed vireo (*Vireo olivaceus*) at Horseshoe Bend National Military Park.



Blue Jay (*Cyanocitta cristata*)

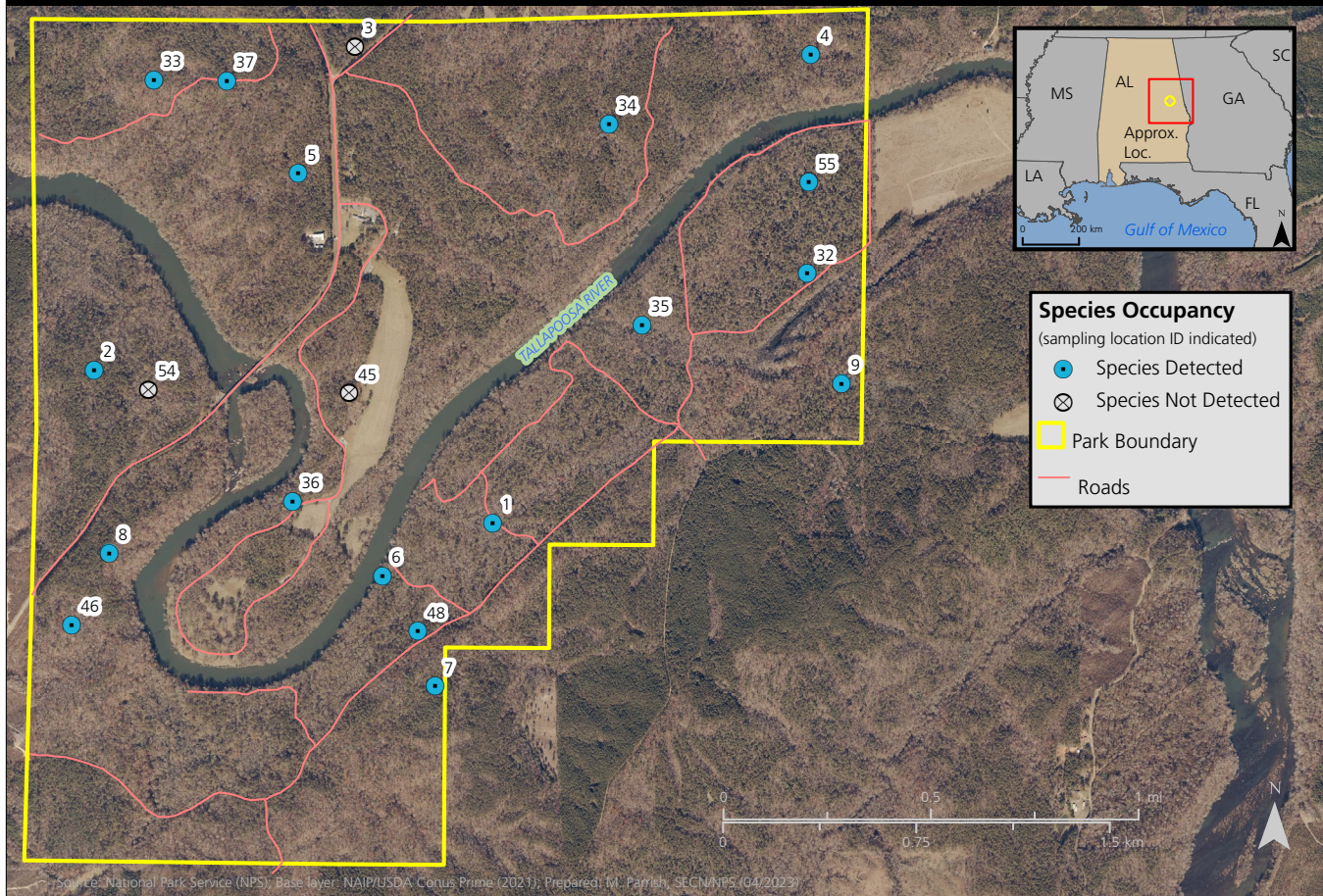


Figure 23. Vocalization detections of blue jay (*Cyanocitta cristata*) at Horseshoe Bend National Military Park.



American Crow (*Corvus brachyrhynchos*)

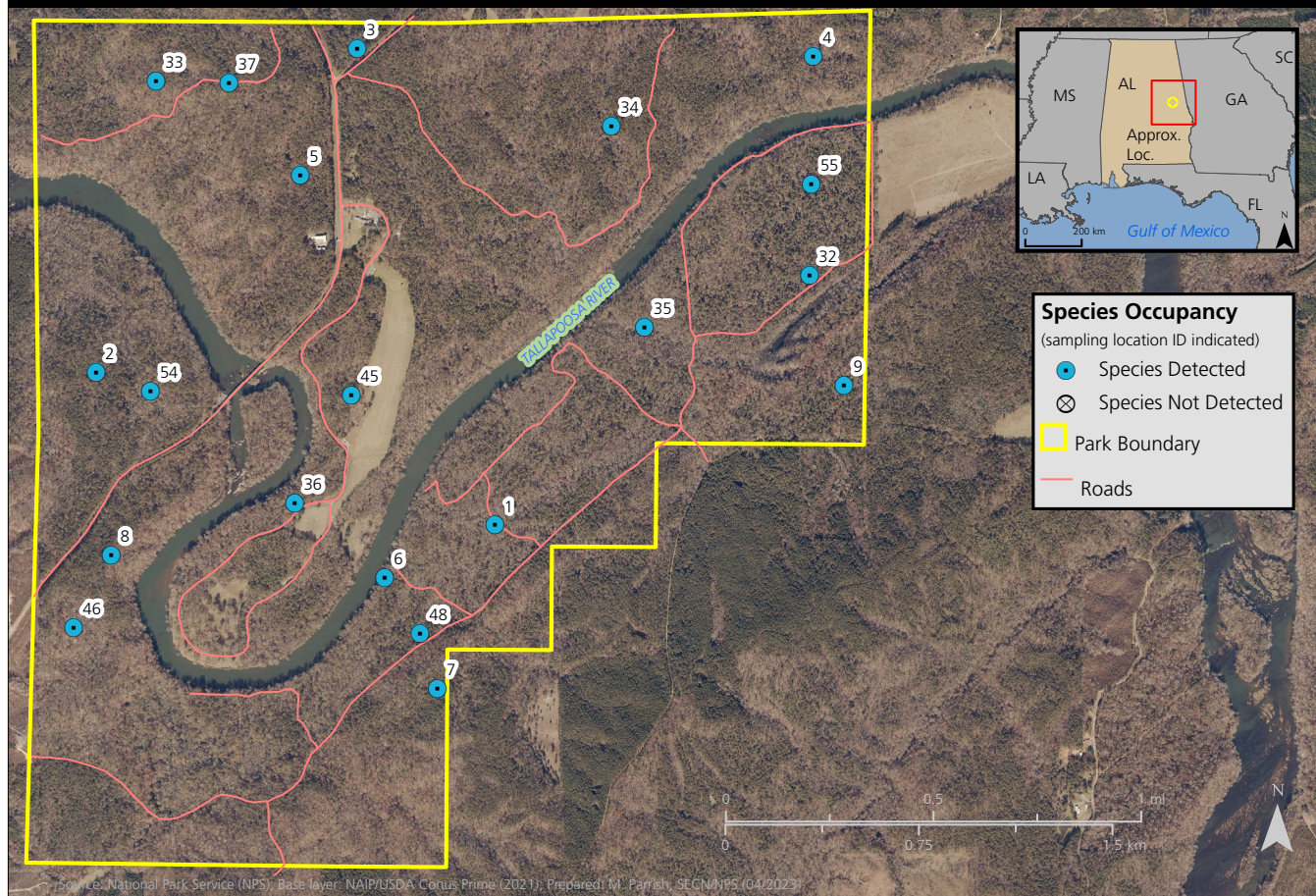


Figure 24. Vocalization detections of American crow (*Corvus brachyrhynchos*) at Horseshoe Bend National Military Park.



Carolina Chickadee (*Poecile carolinensis*)

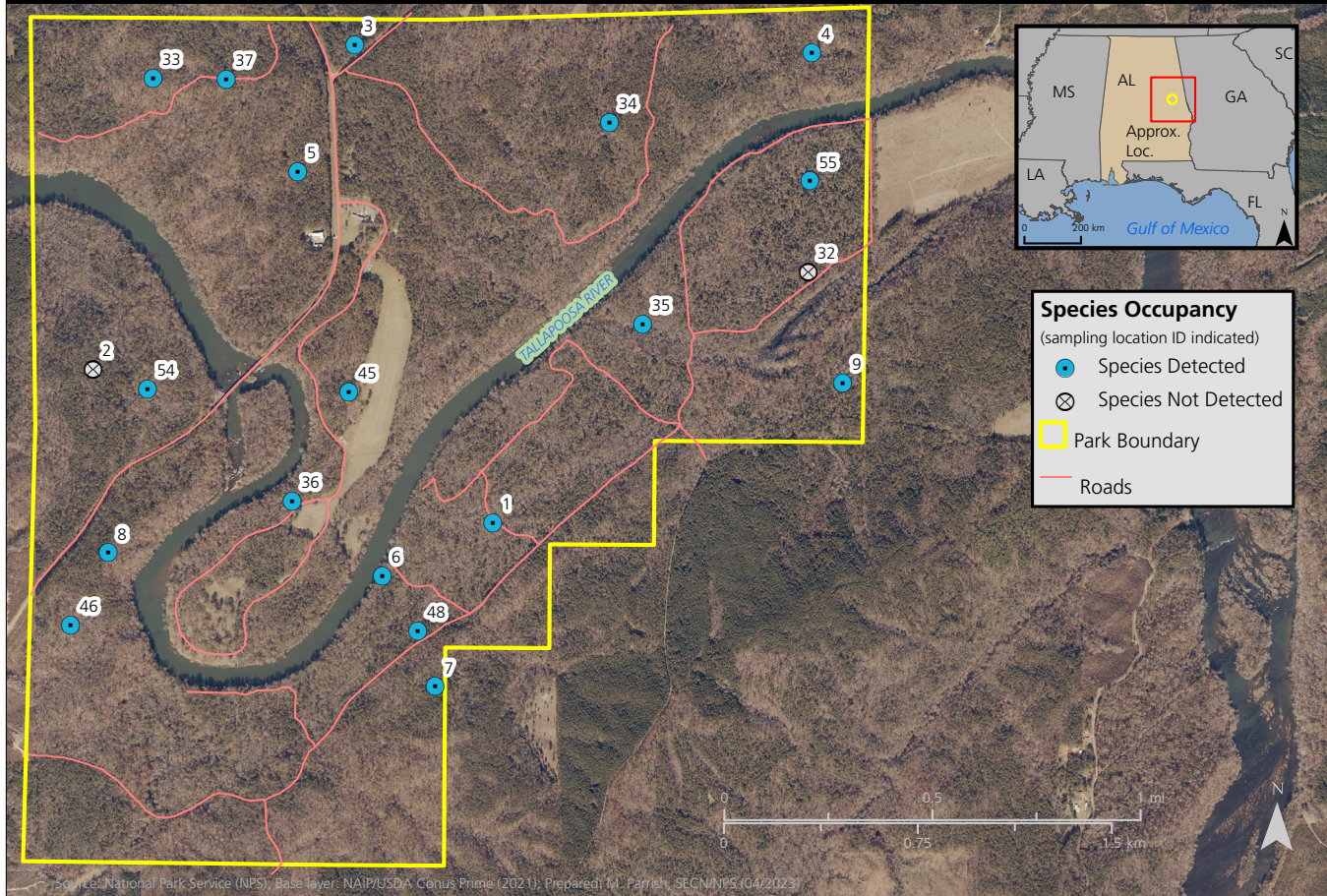


Figure 25. Vocalization detections of Carolina chickadee (*Poecile carolinensis*) at Horseshoe Bend National Military Park.



Tufted Titmouse (*Baeolophus bicolor*)

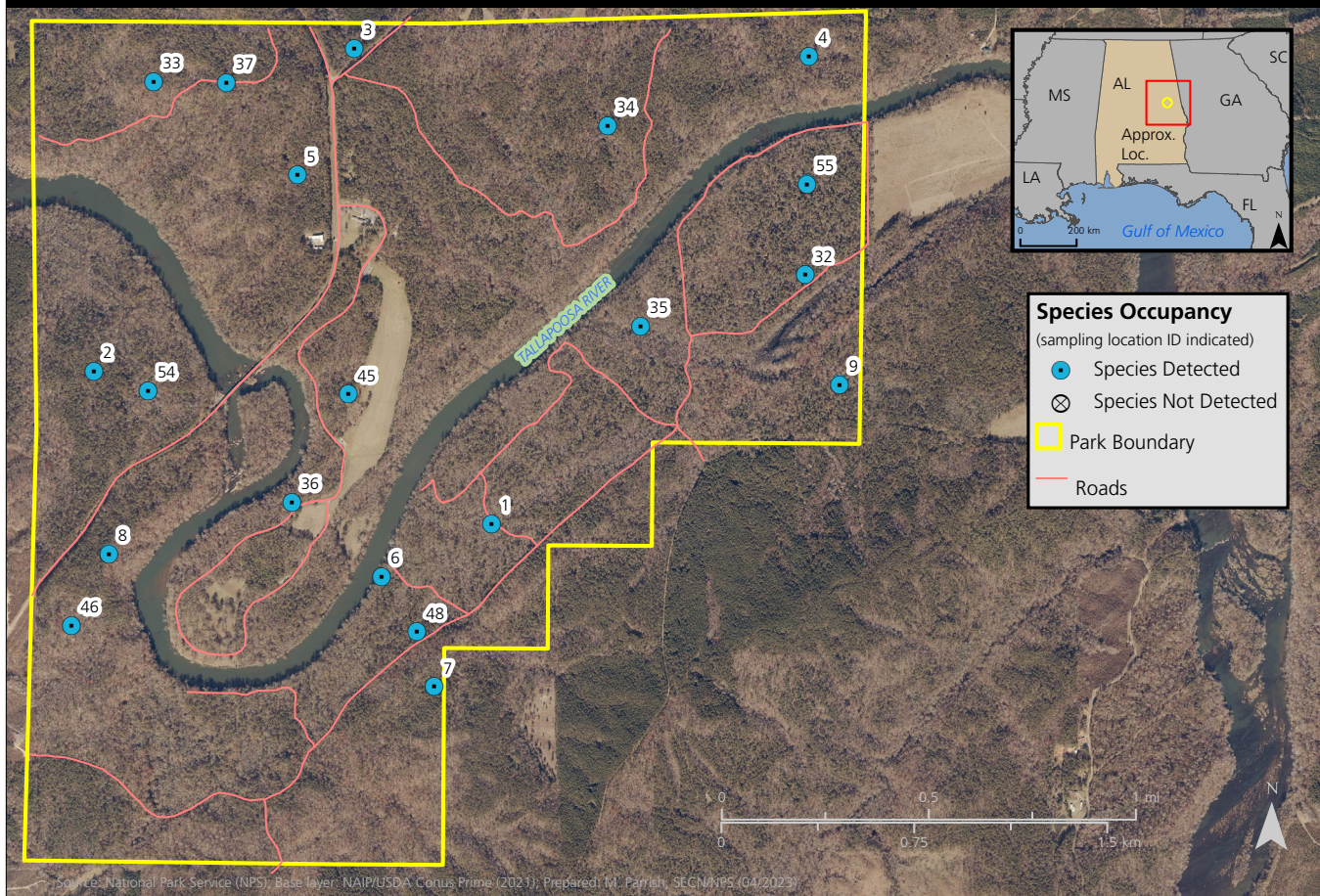


Figure 26. Vocalization detections of tufted titmouse (*Baeolophus bicolor*) at Horseshoe Bend National Military Park.



Northern Rough-winged Swallow (*Stelgidopteryx serripennis*)

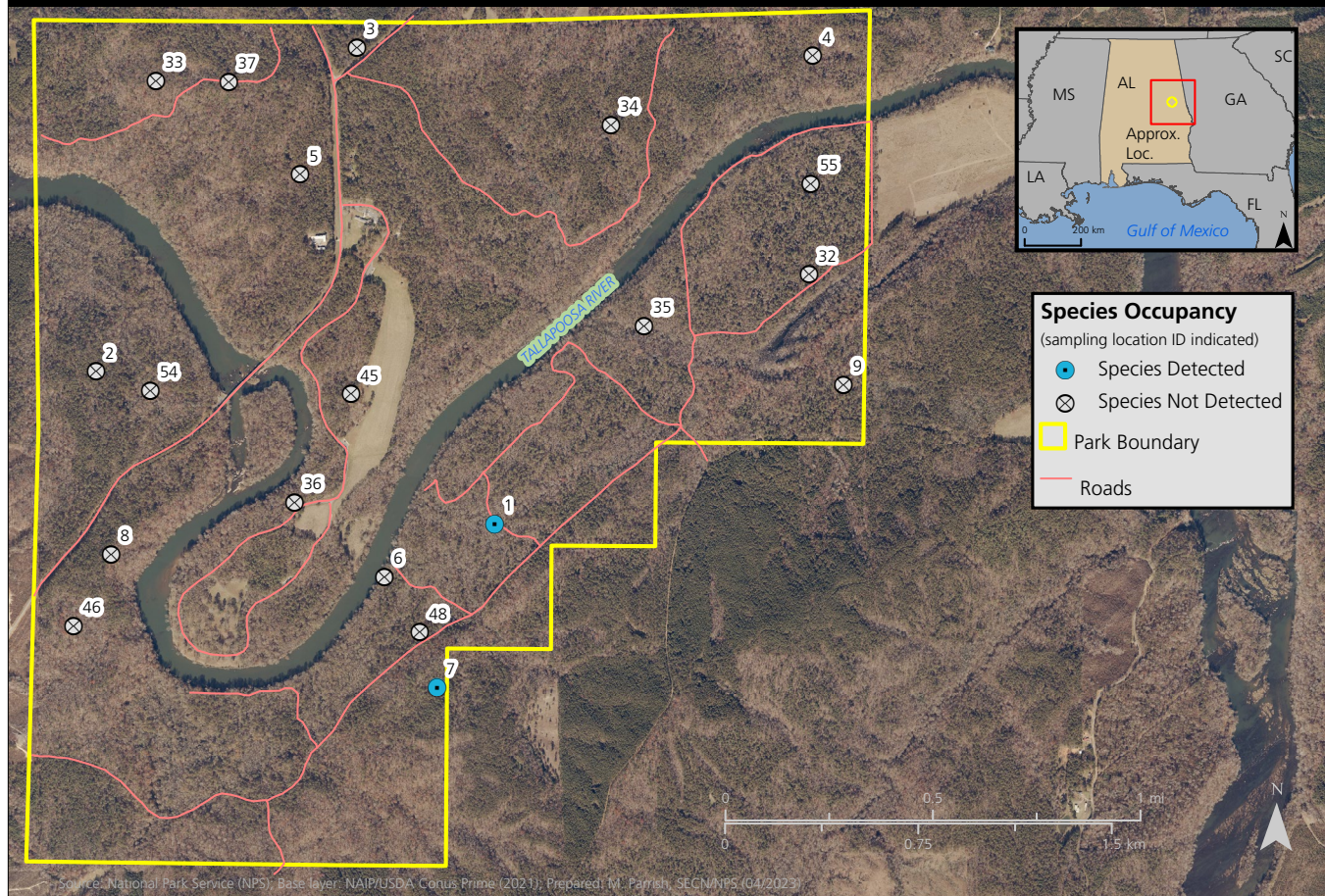


Figure 27. Vocalization detections of northern rough-winged swallow (*Stelgidopteryx serripennis*) at Horseshoe Bend National Military Park.



Purple Martin (*Progne subis*)

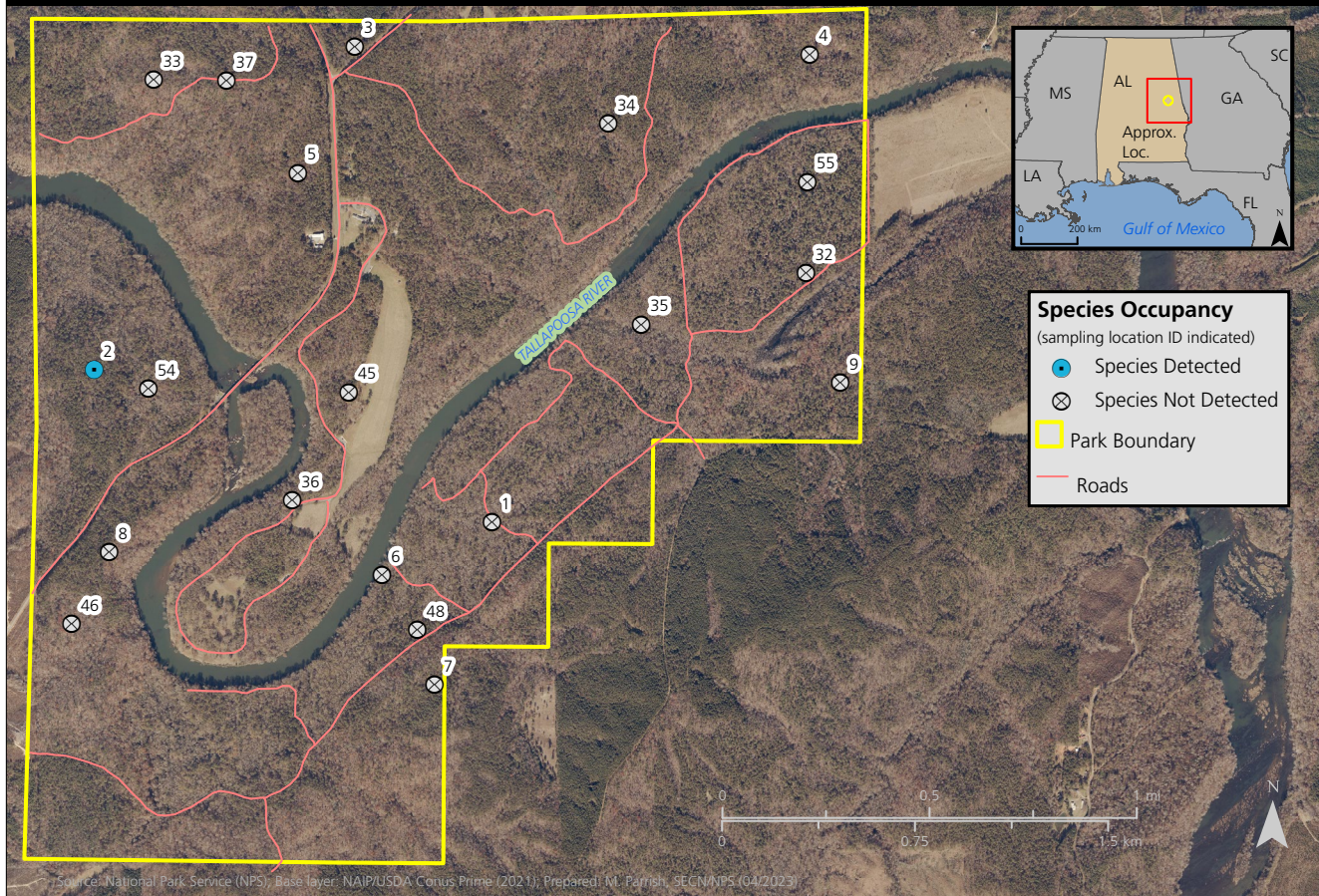


Figure 28. Vocalization detections of purple martin (*Progne subis*) at Horseshoe Bend National Military Park.



Ruby-crowned Kinglet (*Regulus calendula*)

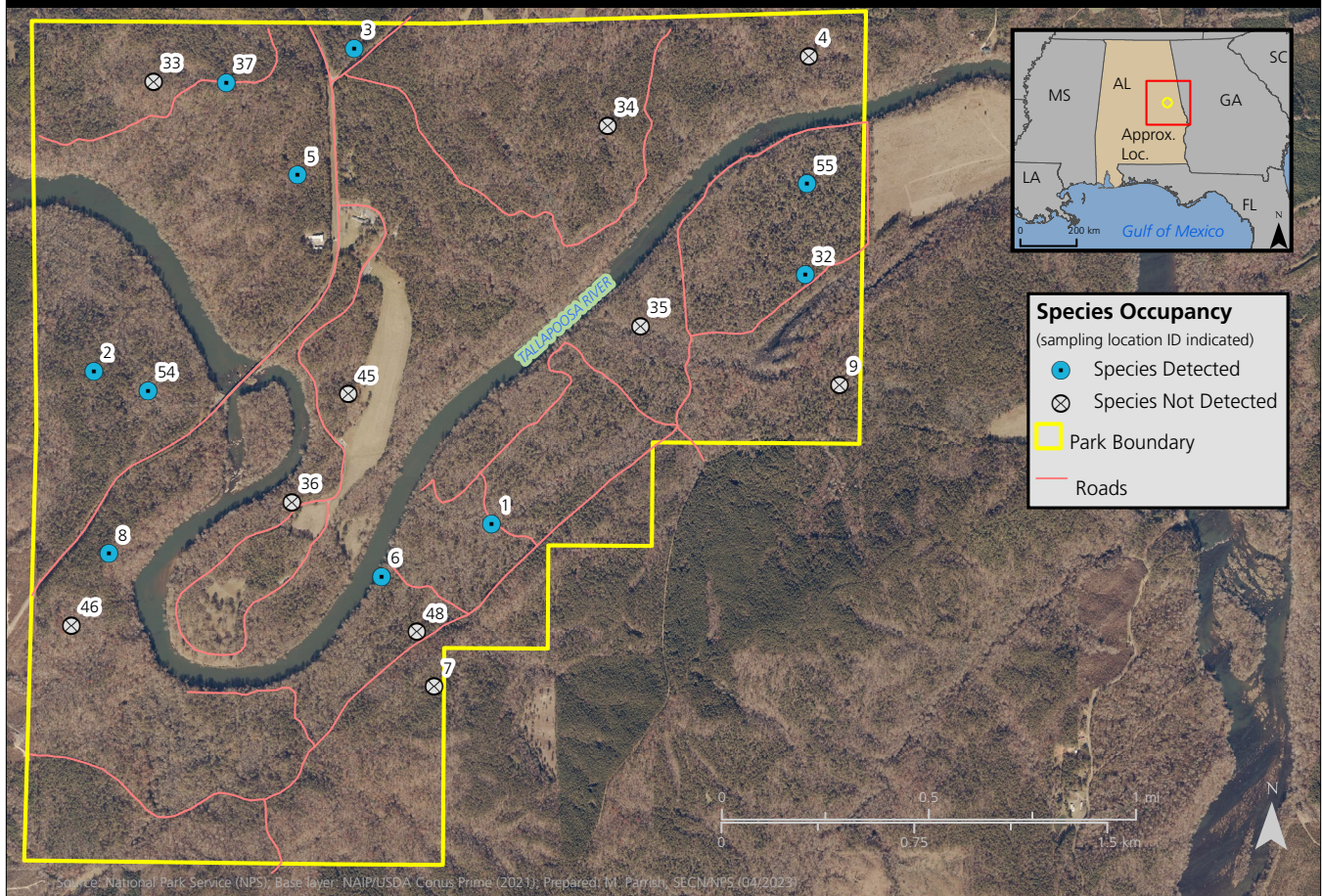


Figure 29. Vocalization detections of ruby-crowned kinglet (*Regulus calendula*) at Horseshoe Bend National Military Park.



Cedar Waxwing (*Bombycilla cedrorum*)

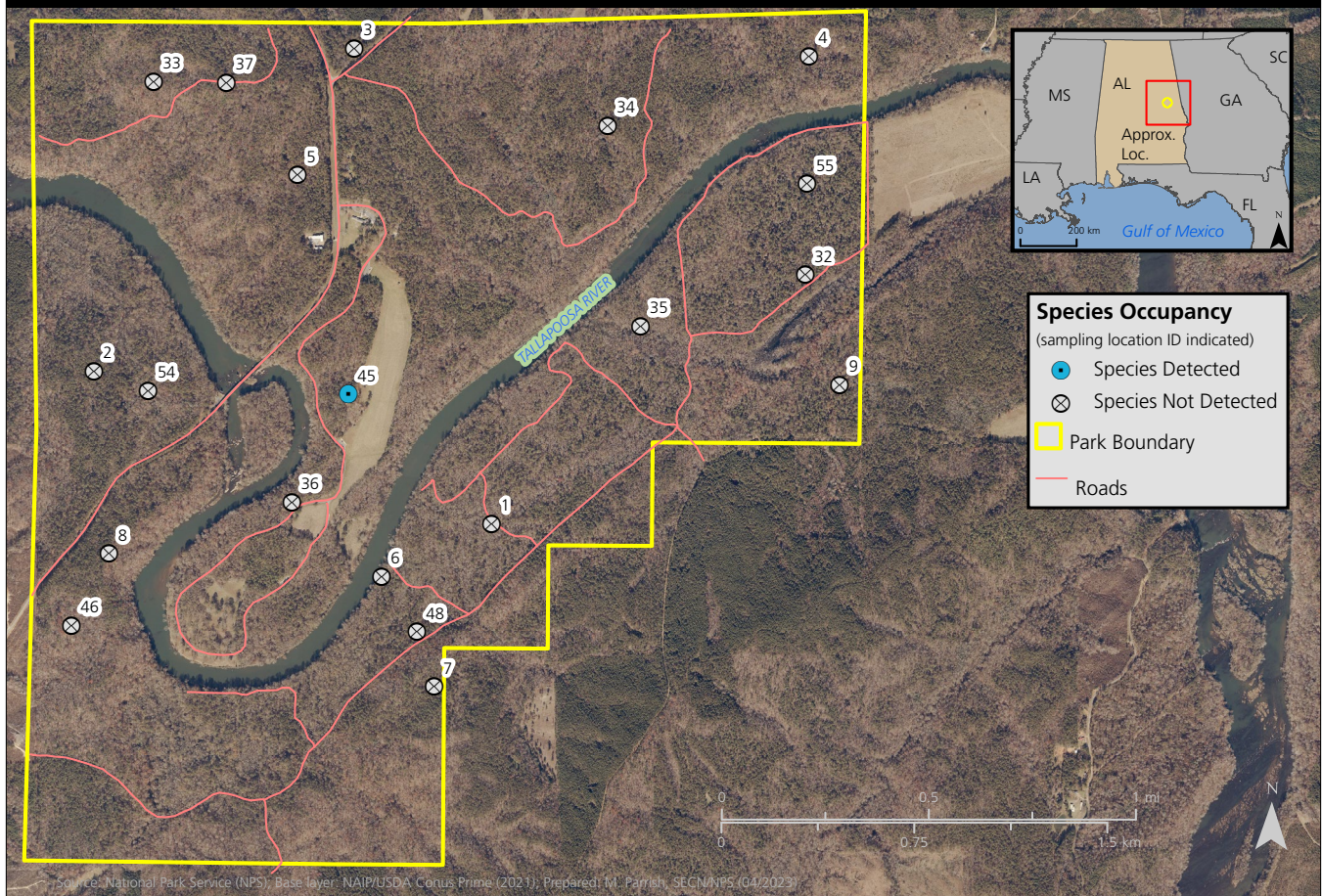


Figure 30. Vocalization detections of cedar waxwing (*Bombycilla cedrorum*) at Horseshoe Bend National Military Park.



White-breasted Nuthatch (*Sitta carolinensis*)

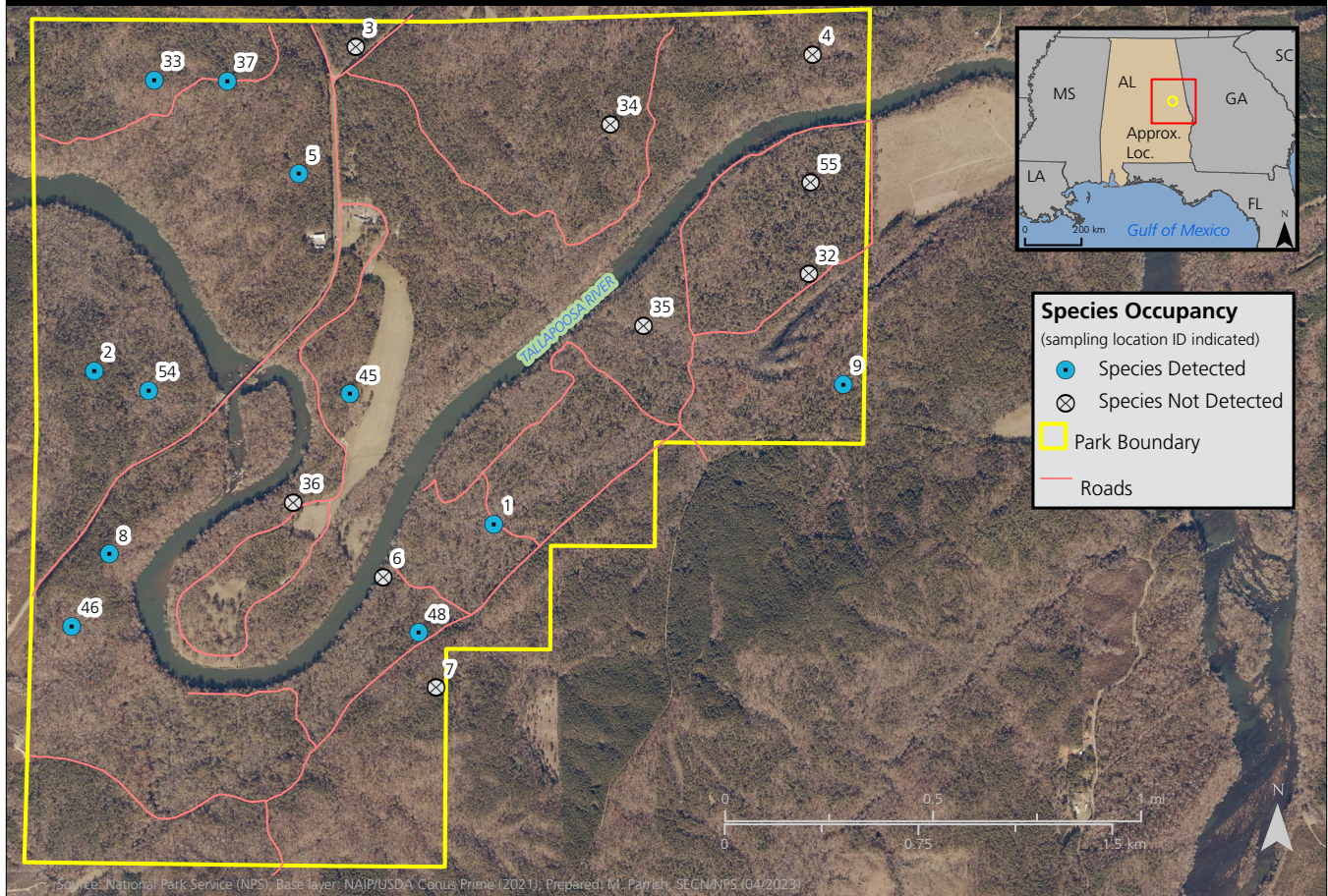


Figure 31. Vocalization detections of white-breasted nuthatch (*Sitta carolinensis*) at Horseshoe Bend National Military Park.



Brown-headed Nuthatch (*Sitta pusilla*)

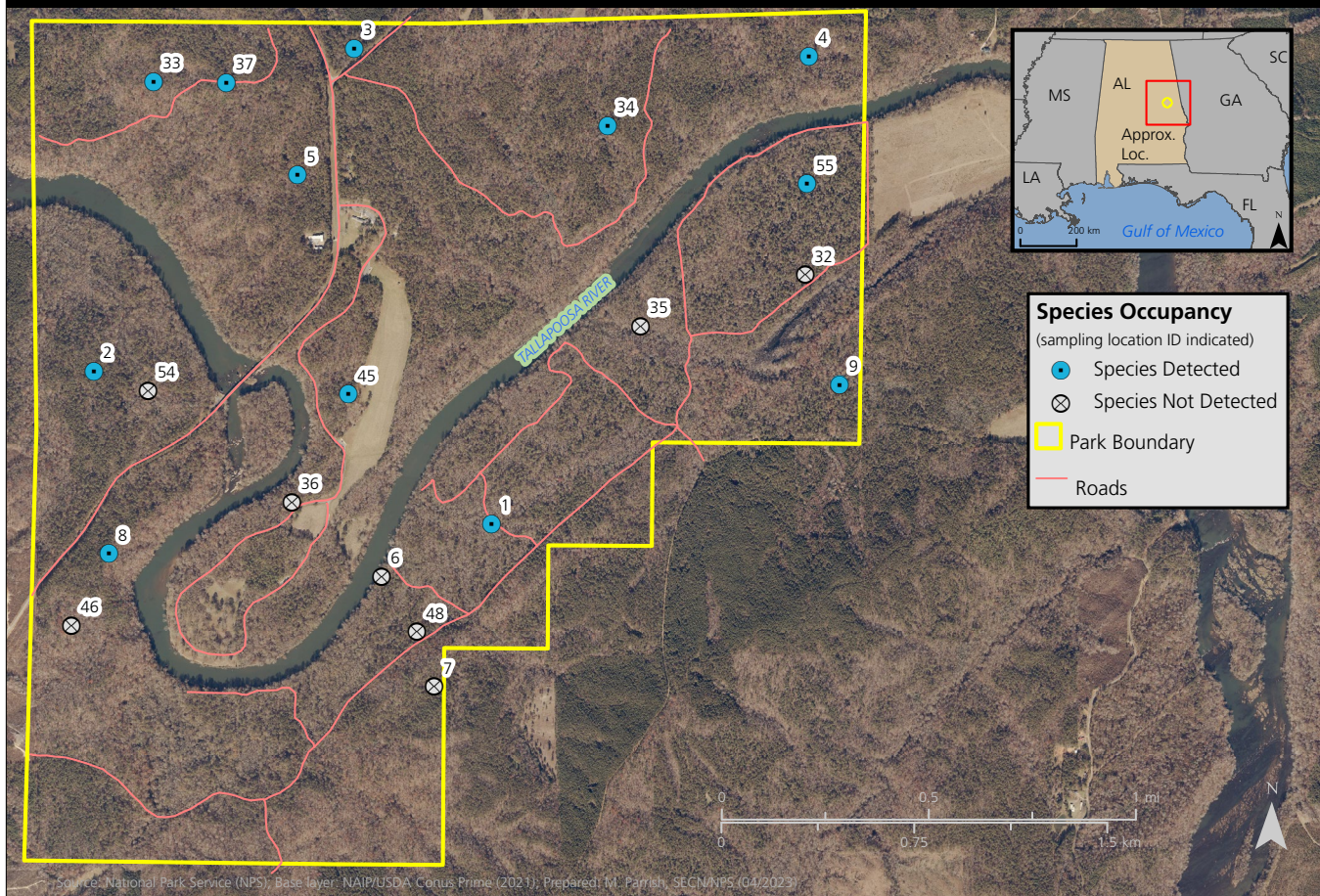


Figure 32. Vocalization detections of brown-headed nuthatch (*Sitta pusilla*) at Horseshoe Bend National Military Park.



Blue-gray Gnatcatcher (*Poliioptila caerulea*)

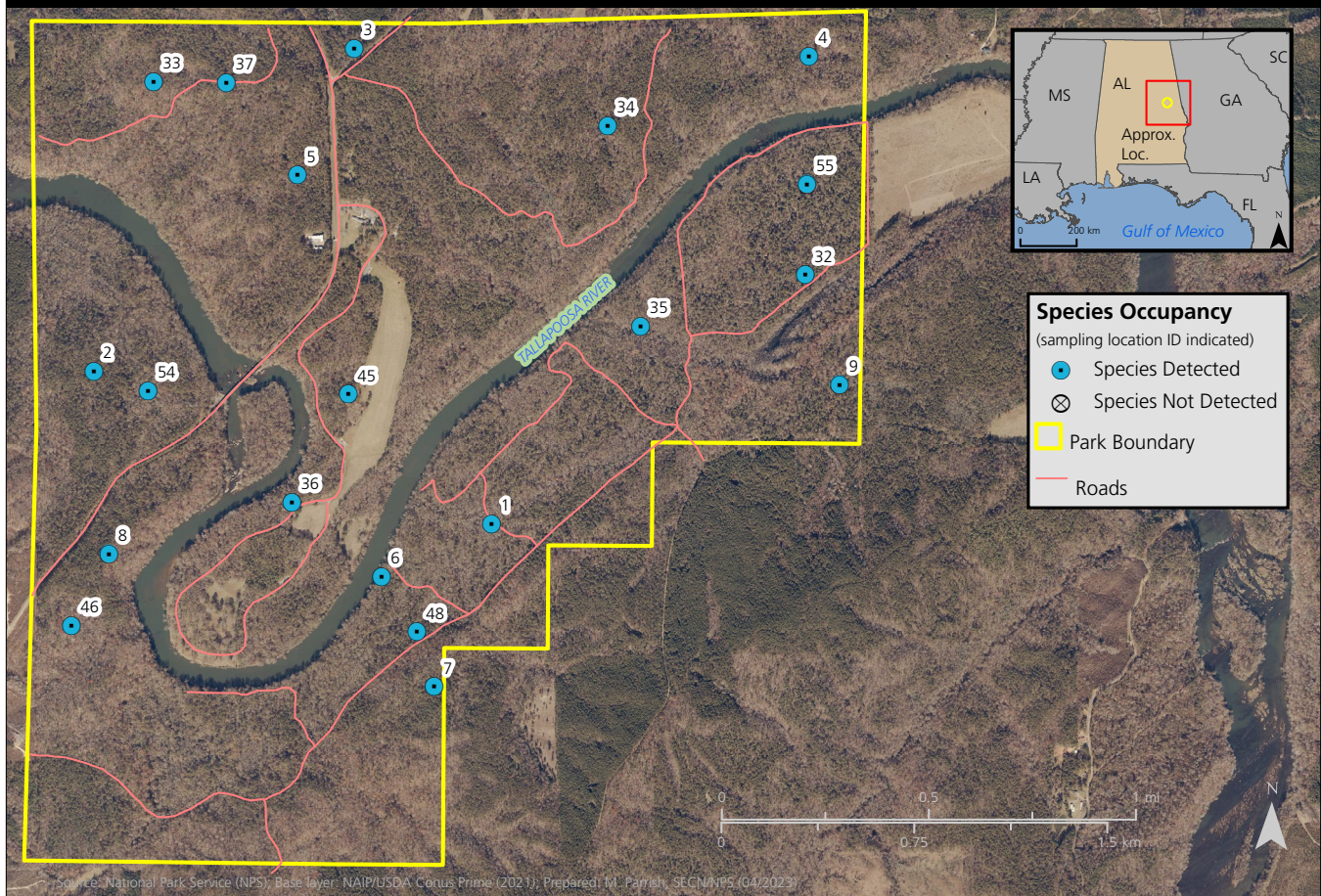


Figure 33. Vocalization detections of blue-gray gnatcatcher (*Poliioptila caerulea*) at Horseshoe Bend National Military Park.



Carolina Wren (*Thryothorus ludovicianus*)

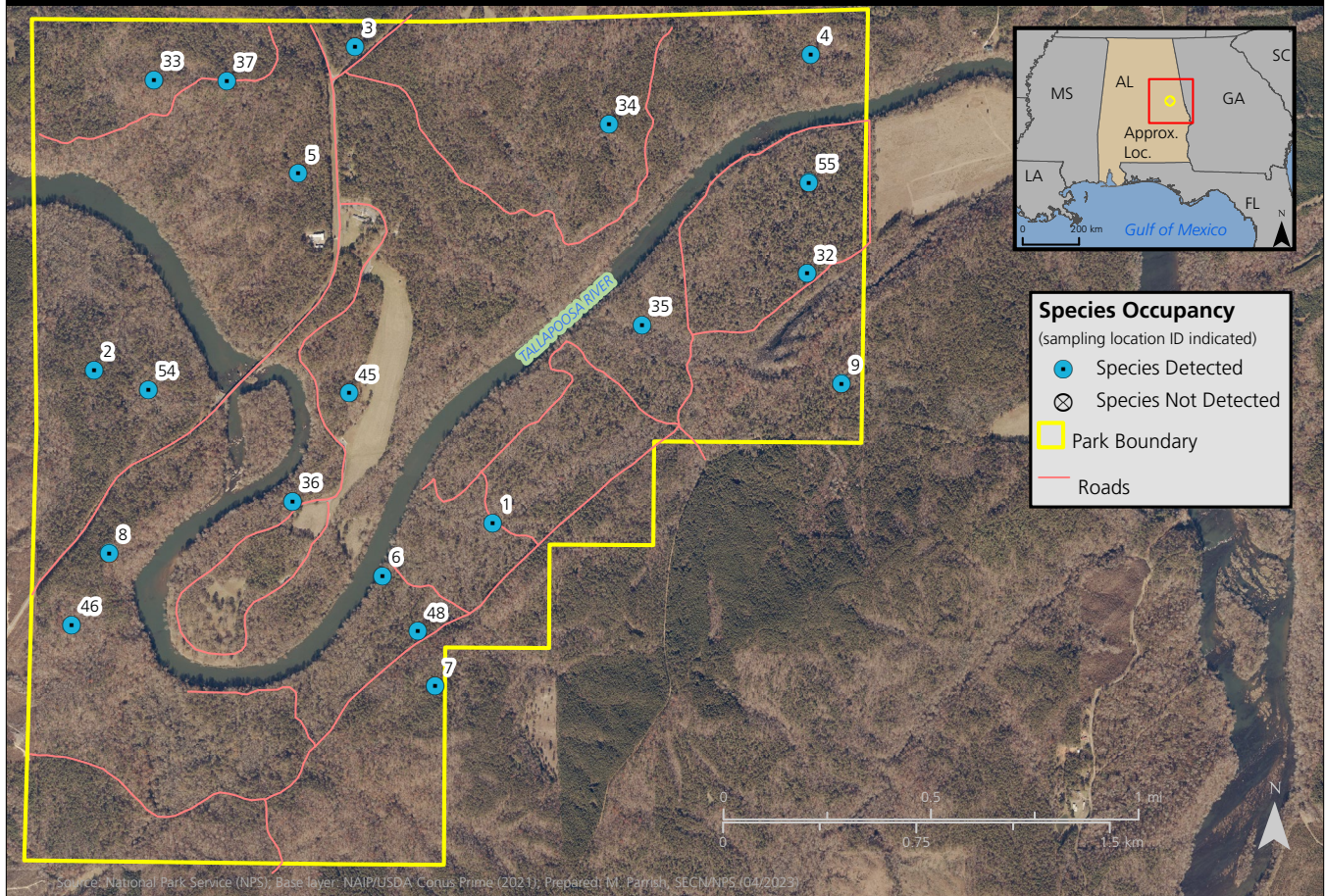


Figure 34. Vocalization detections of Carolina wren (*Thryothorus ludovicianus*) at Horseshoe Bend National Military Park.



Brown Thrasher (*Toxostoma rufum*)

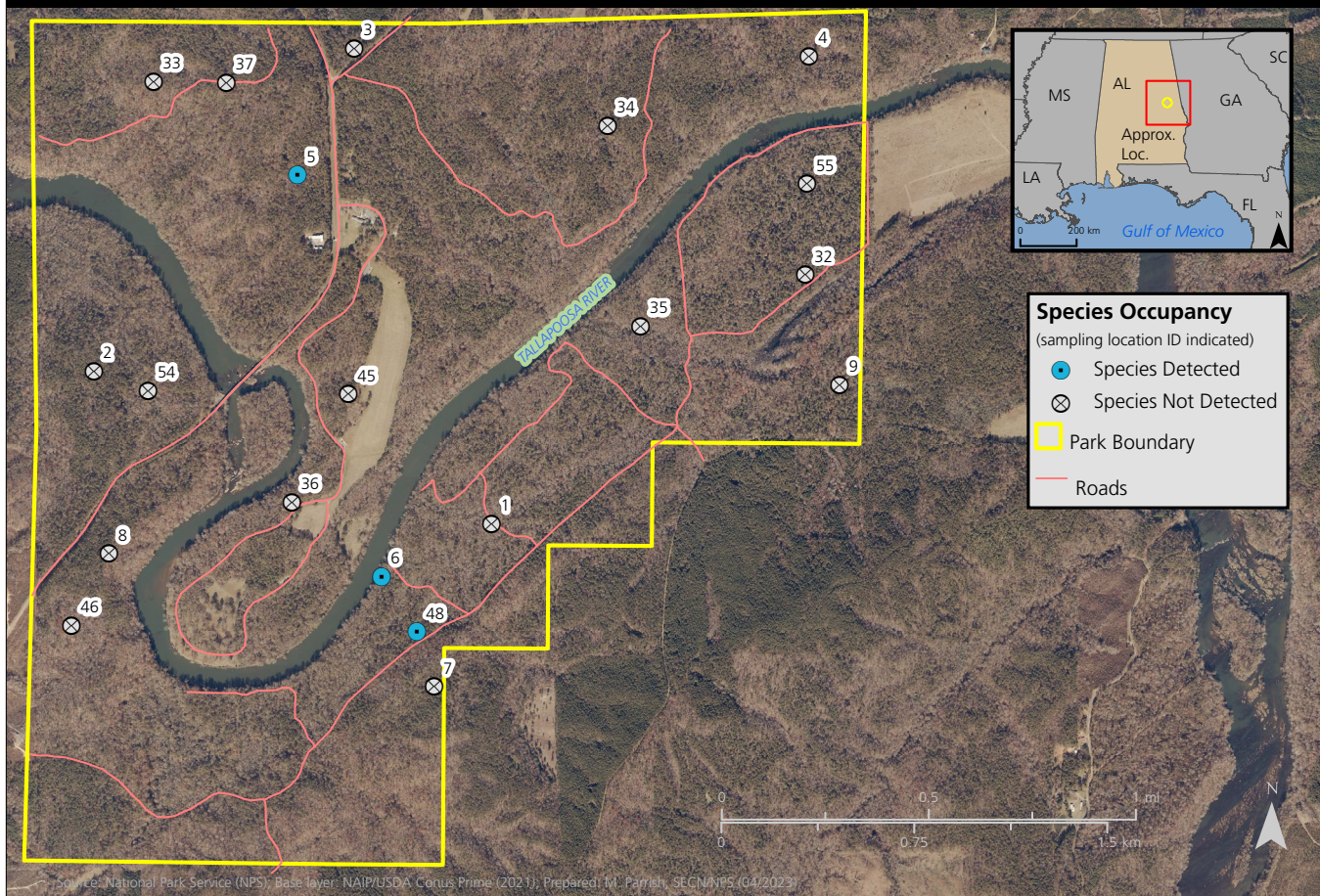


Figure 35. Vocalization detections of brown thrasher (*Toxostoma rufum*) at Horseshoe Bend National Military Park.



Eastern Bluebird (*Sialia sialis*)

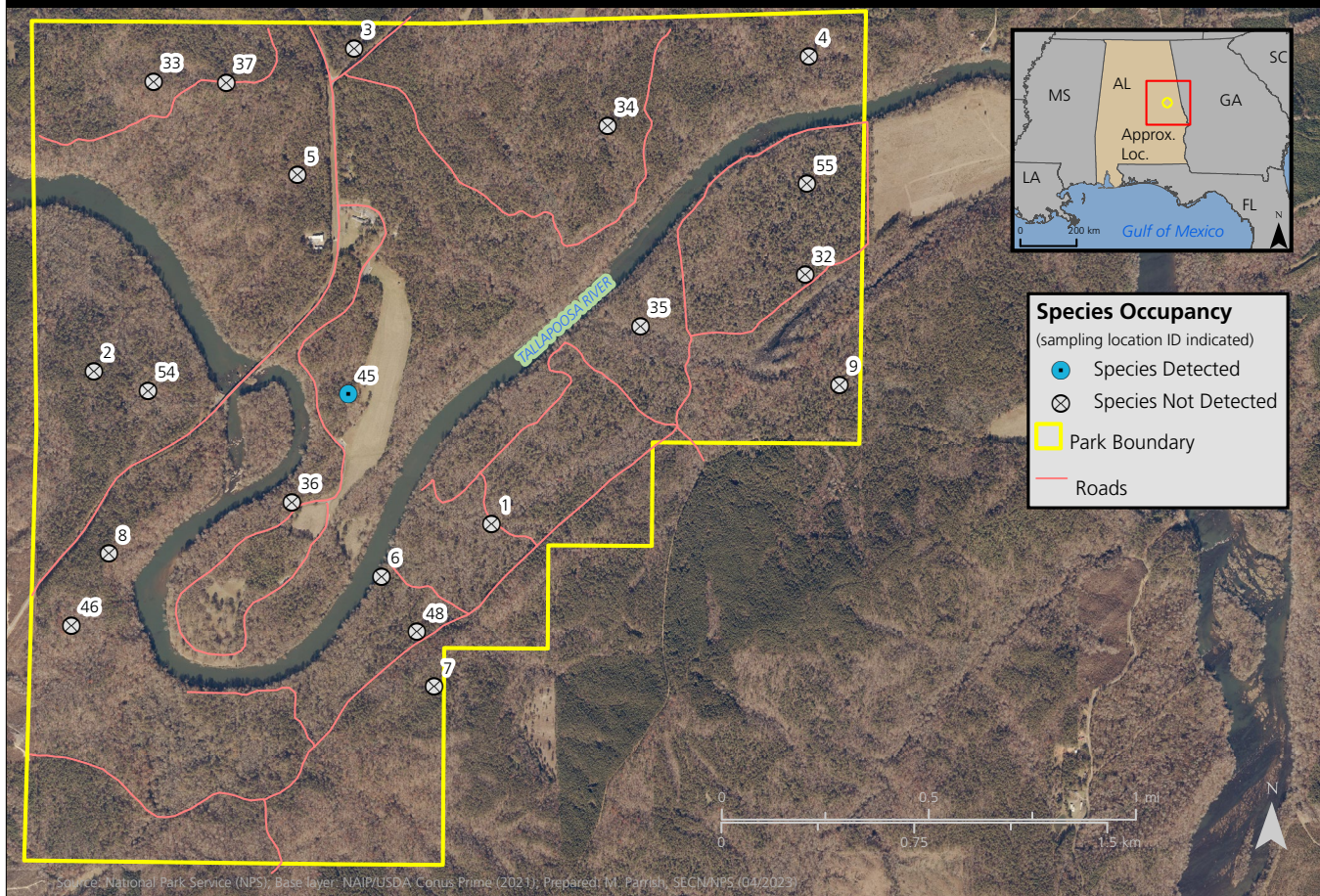


Figure 36. Vocalization detections of eastern bluebird (*Sialia sialis*) at Horseshoe Bend National Military Park.



Swainson's Thrush (*Catharus ustulatus*)

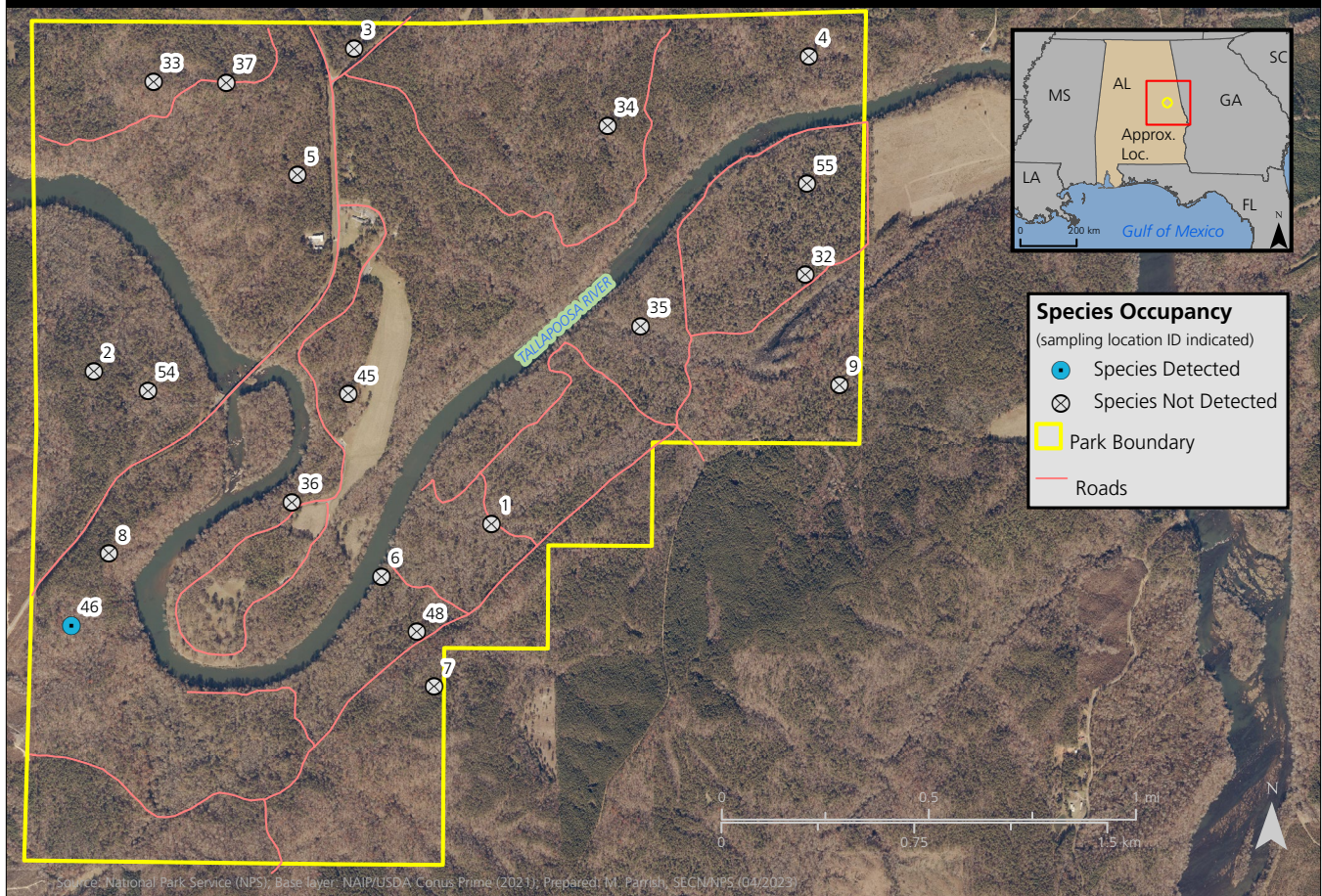


Figure 37. Vocalization detections of Swanson's thrush (*Catharus ustulatus*) at Horseshoe Bend National Military Park.



Wood Thrush (*Hylocichla mustelina*)

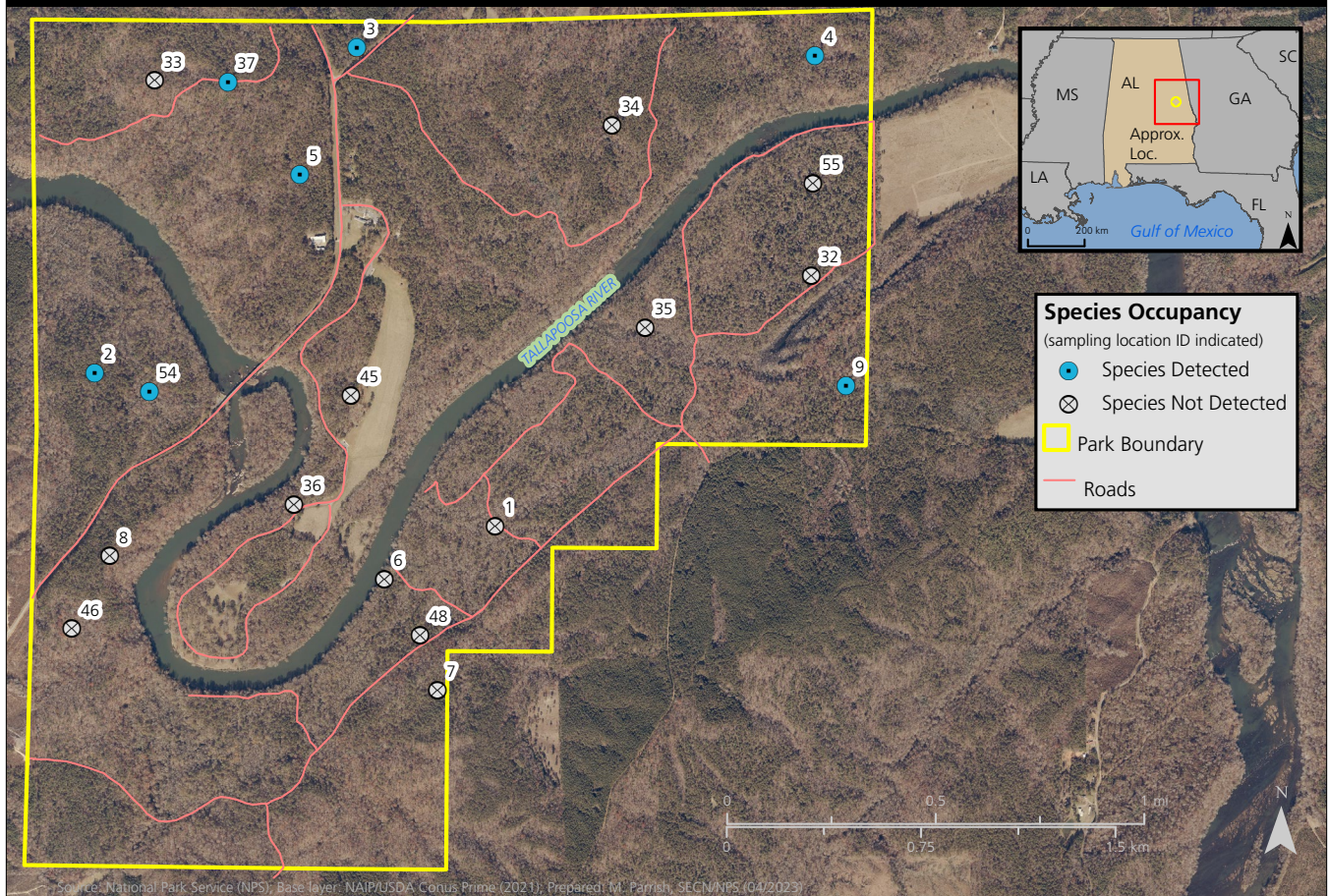


Figure 38. Vocalization detections of wood thrush (*Hylocichla mustelina*) at Horseshoe Bend National Military Park.



American Robin (*Turdus migratorius*)

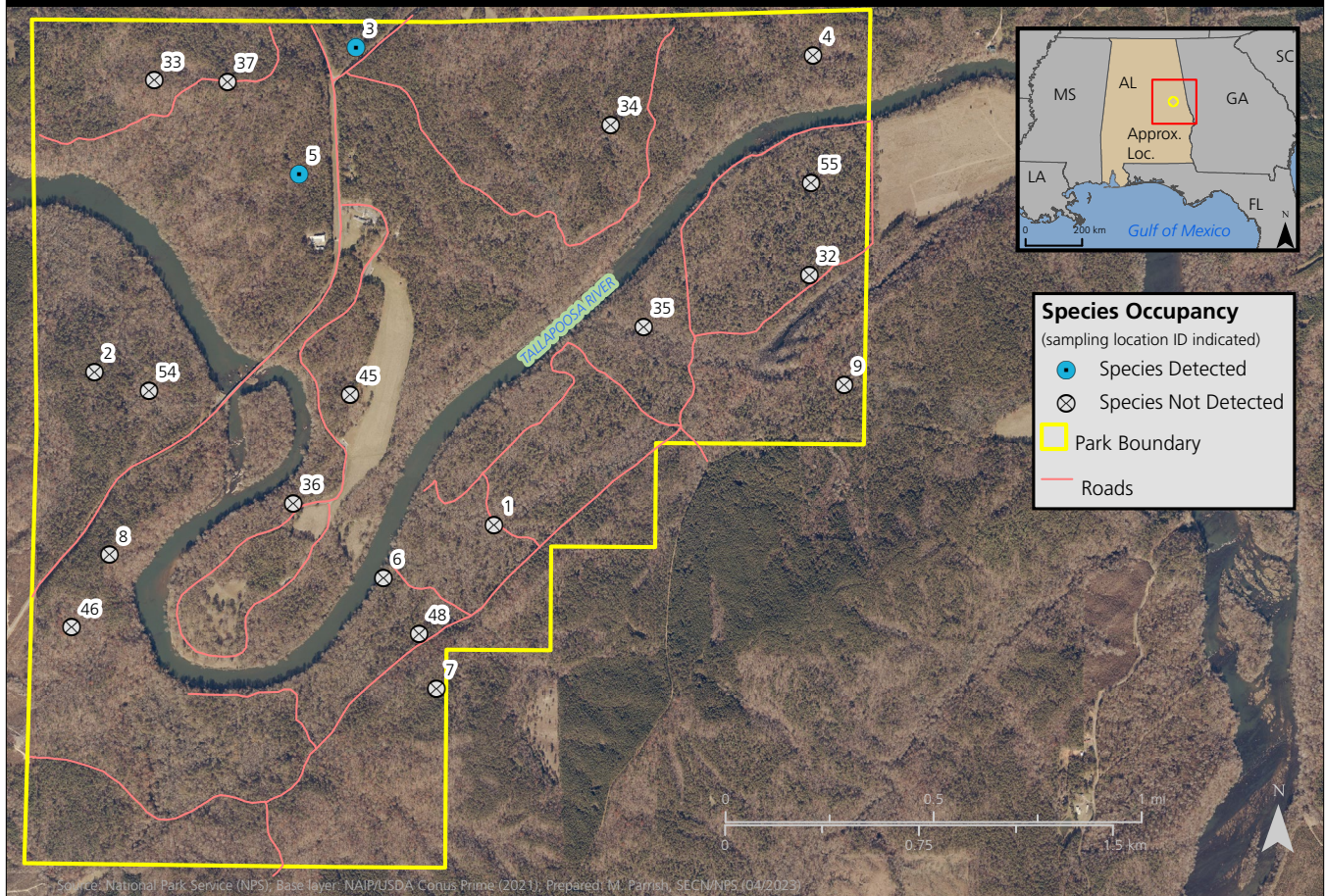


Figure 39. Vocalization detections of American robin (*Turdus migratorius*) at Horseshoe Bend National Military Park.



American Goldfinch (*Spinus tristis*)

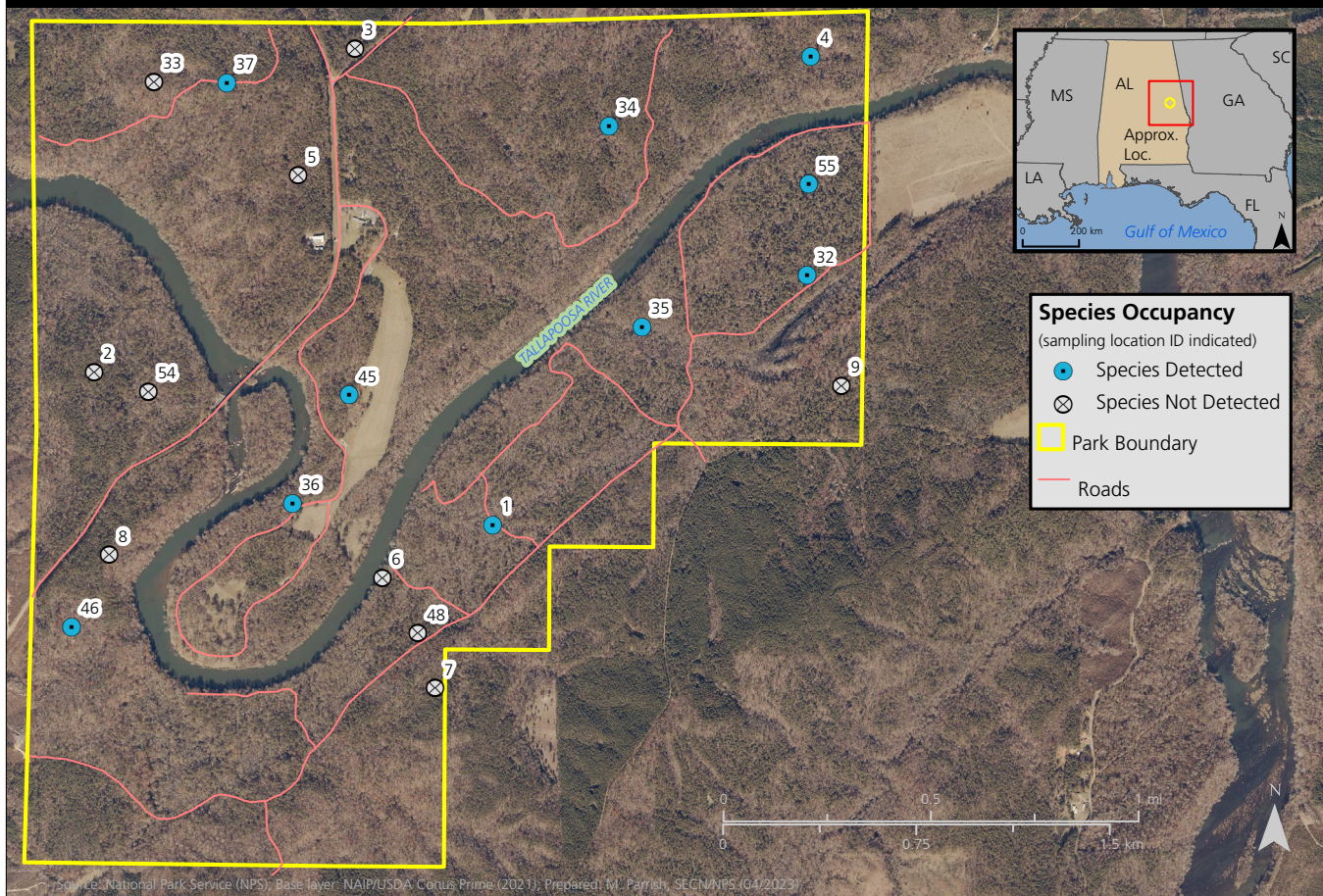


Figure 40. Vocalization detections of American goldfinch (*Spinus tristis*) at Horseshoe Bend National Military Park.



Chipping Sparrow (*Spizella passerina*)

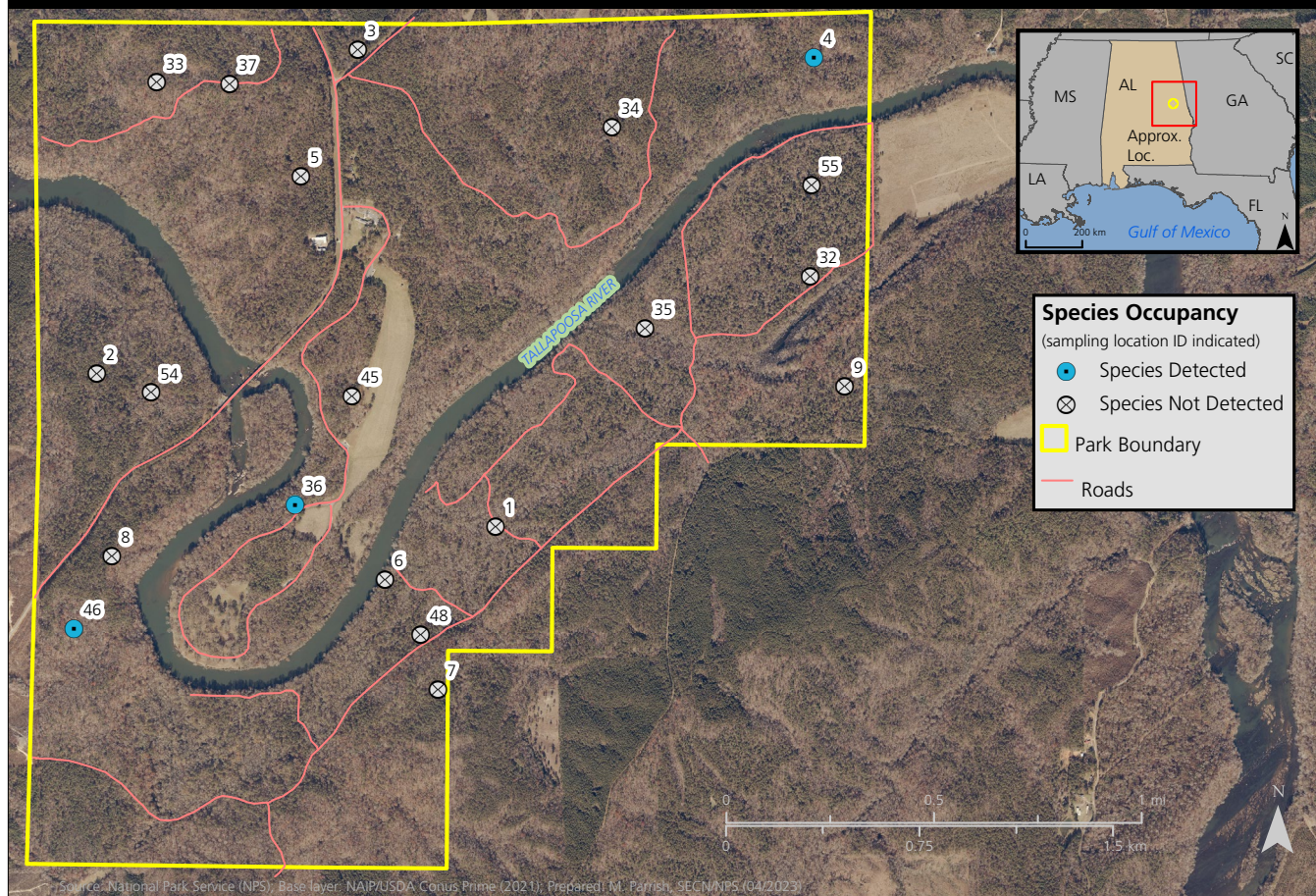


Figure 41. Vocalization detections of chipping sparrow (*Spizella passerina*) at Horseshoe Bend National Military Park.



Eastern Towhee (*Pipilo erythrophthalmus*)

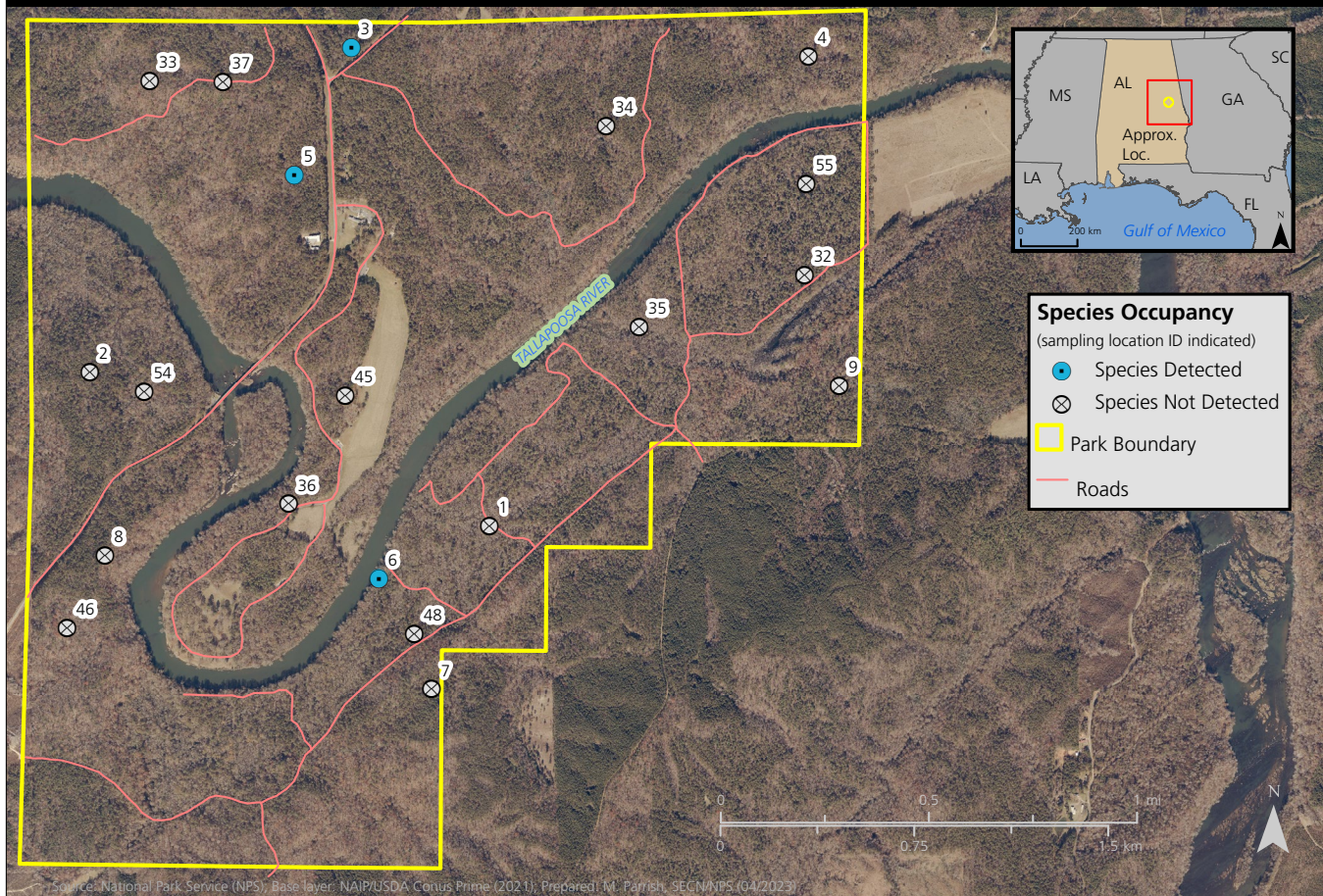


Figure 42. Vocalization detections of eastern towhee (*Pipilo erythrophthalmus*) at Horseshoe Bend National Military Park.



Brown-headed Cowbird (*Molothrus ater*)

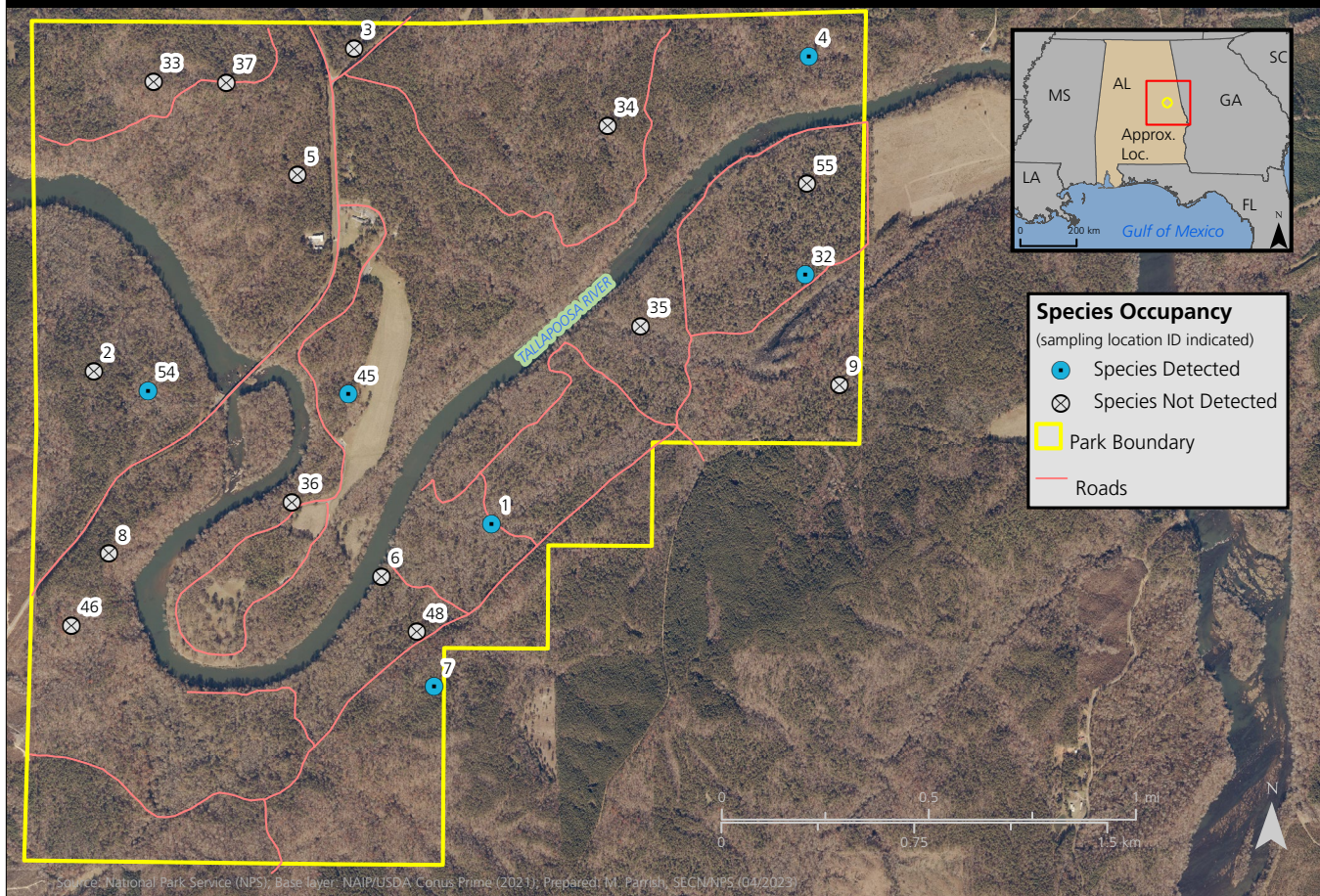


Figure 43. Vocalization detections of brown-headed cowbird (*Molothrus ater*) at Horseshoe Bend National Military Park.



Ovenbird (*Seiurus aurocapilla*)

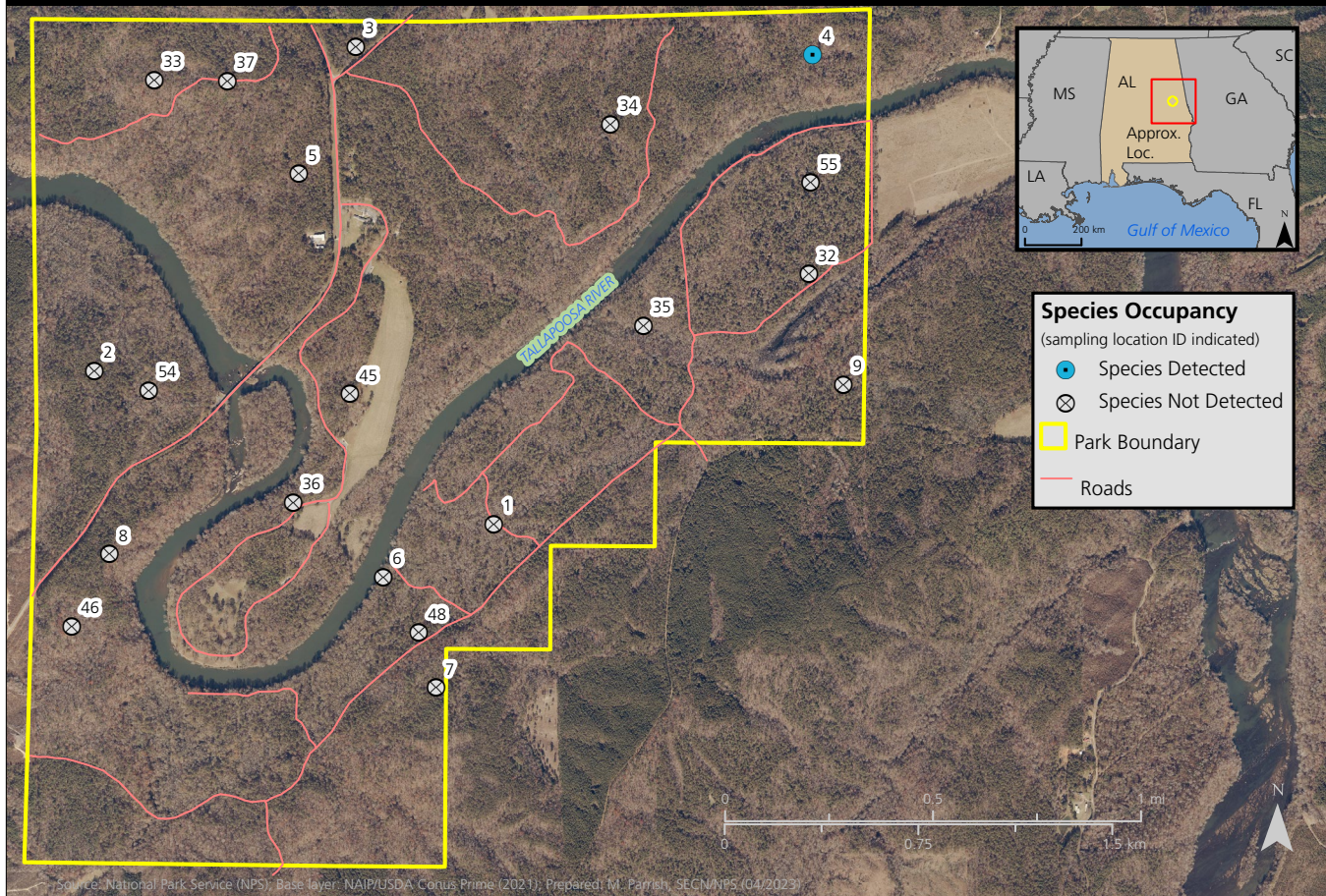


Figure 44. Vocalization detections of ovenbird (*Seiurus aurocapilla*) at Horseshoe Bend National Military Park.



Louisiana Waterthrush (*Parkesia motacilla*)

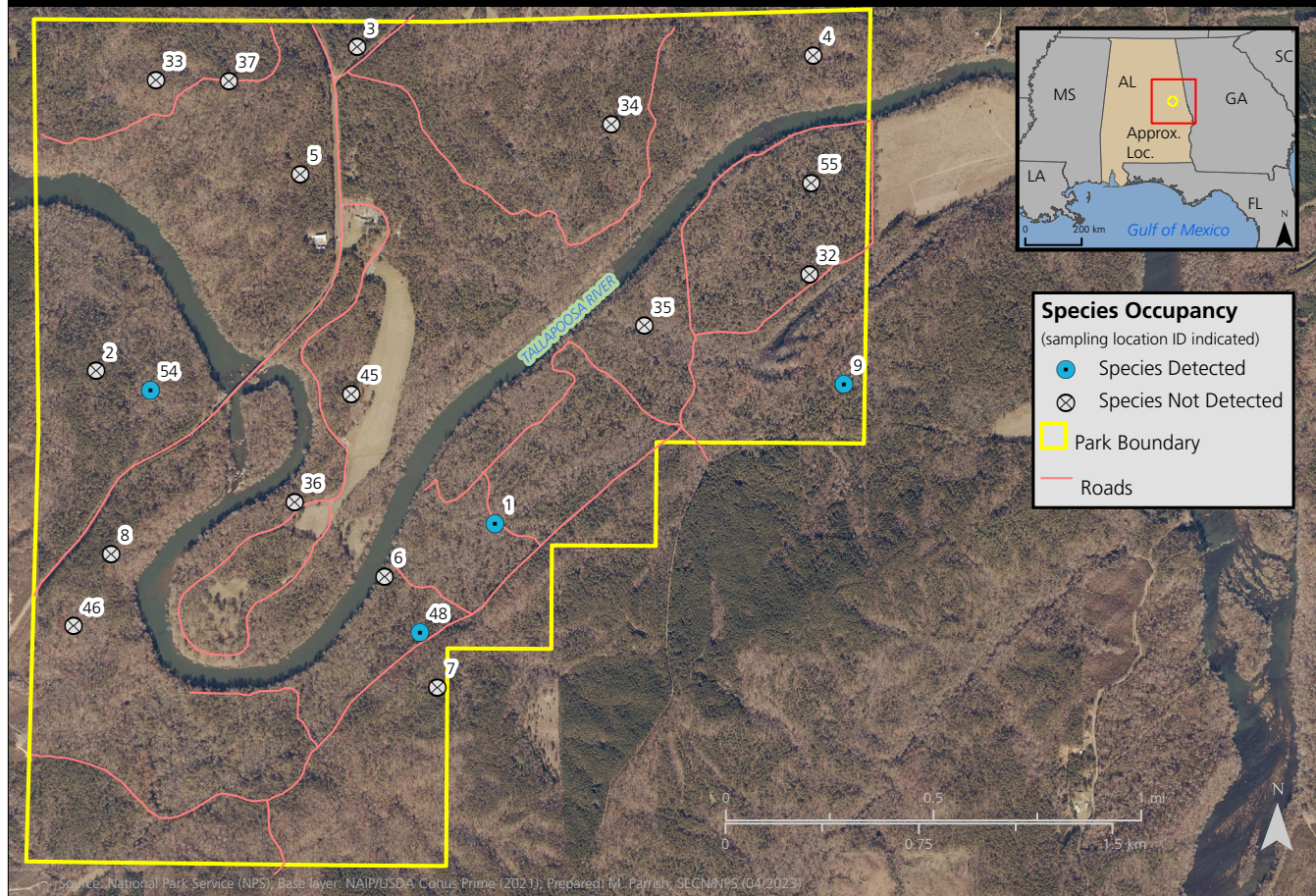


Figure 45. Vocalization detections of Louisiana waterthrush (*Parkesia motacilla*) at Horseshoe Bend National Military Park.



Black-and-white Warbler (*Mniotilta varia*)

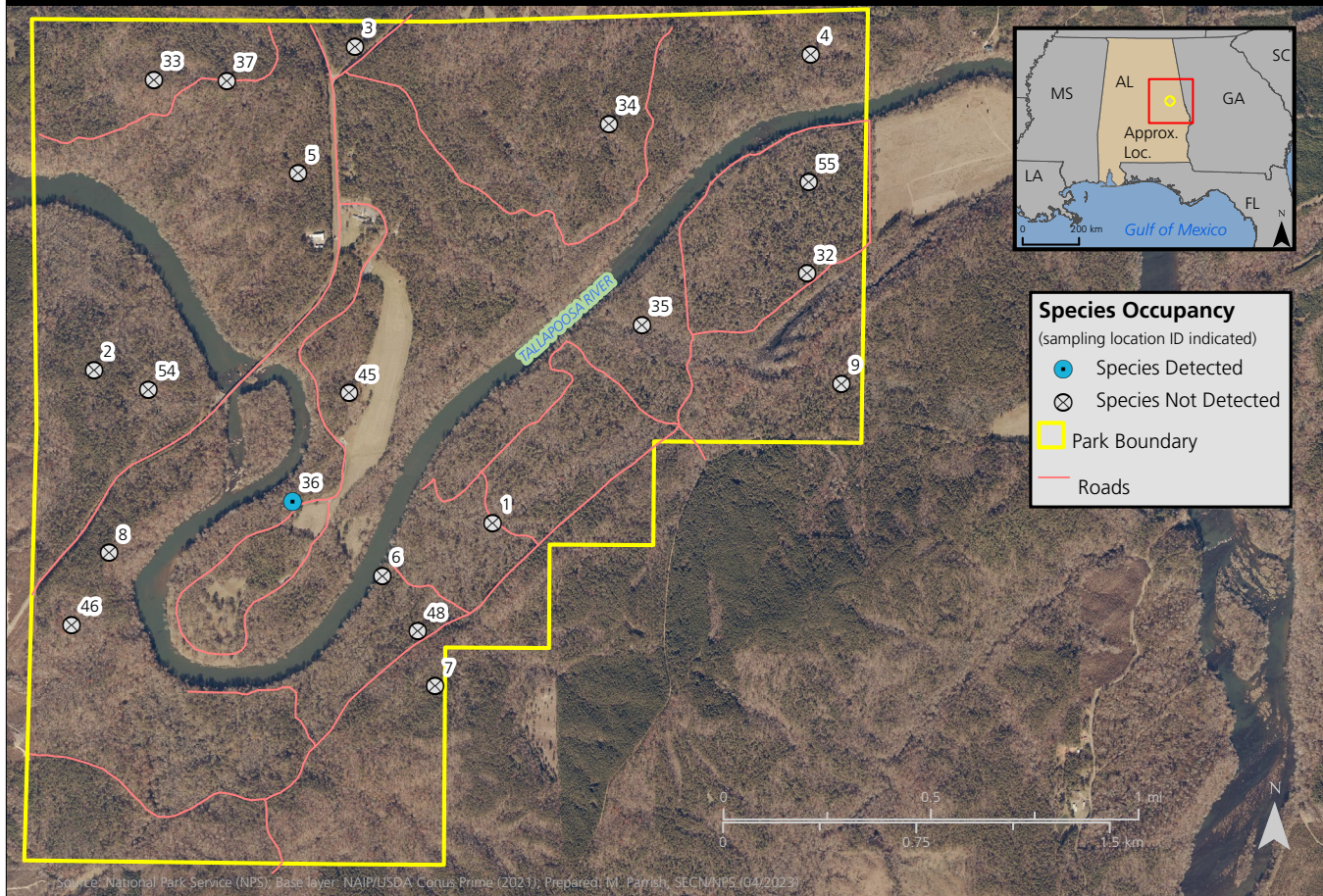


Figure 46. Vocalization detections of black-and-white warbler (*Mniotilta varia*) at Horseshoe Bend National Military Park.



Swainson's Warbler (*Limnothlypis swainsonii*)

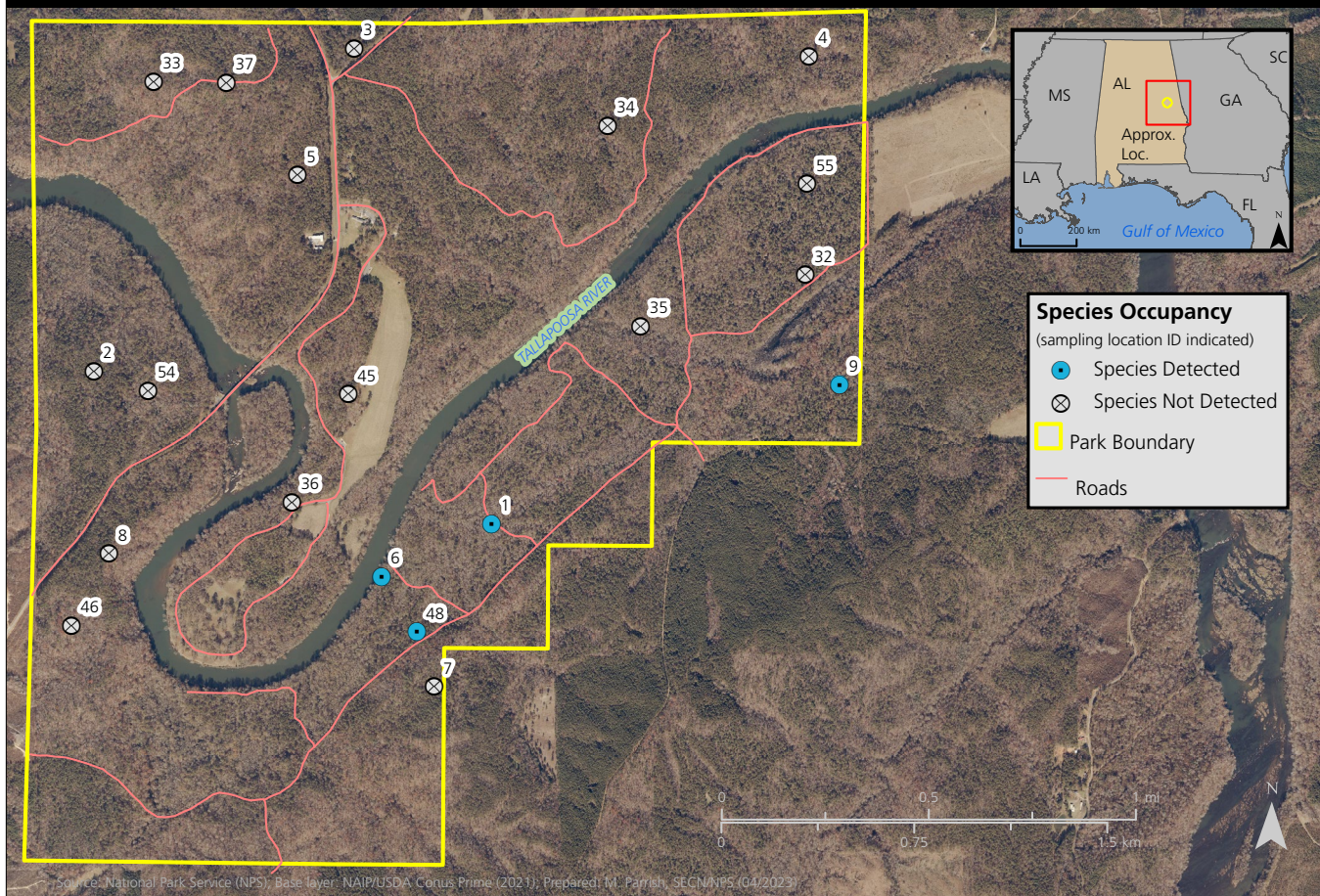


Figure 47. Vocalization detections of Swainson's warbler (*Limnothlypis swainsonii*) at Horseshoe Bend National Military Park.



Orange-crowned Warbler (*Leiothlypis celata*)

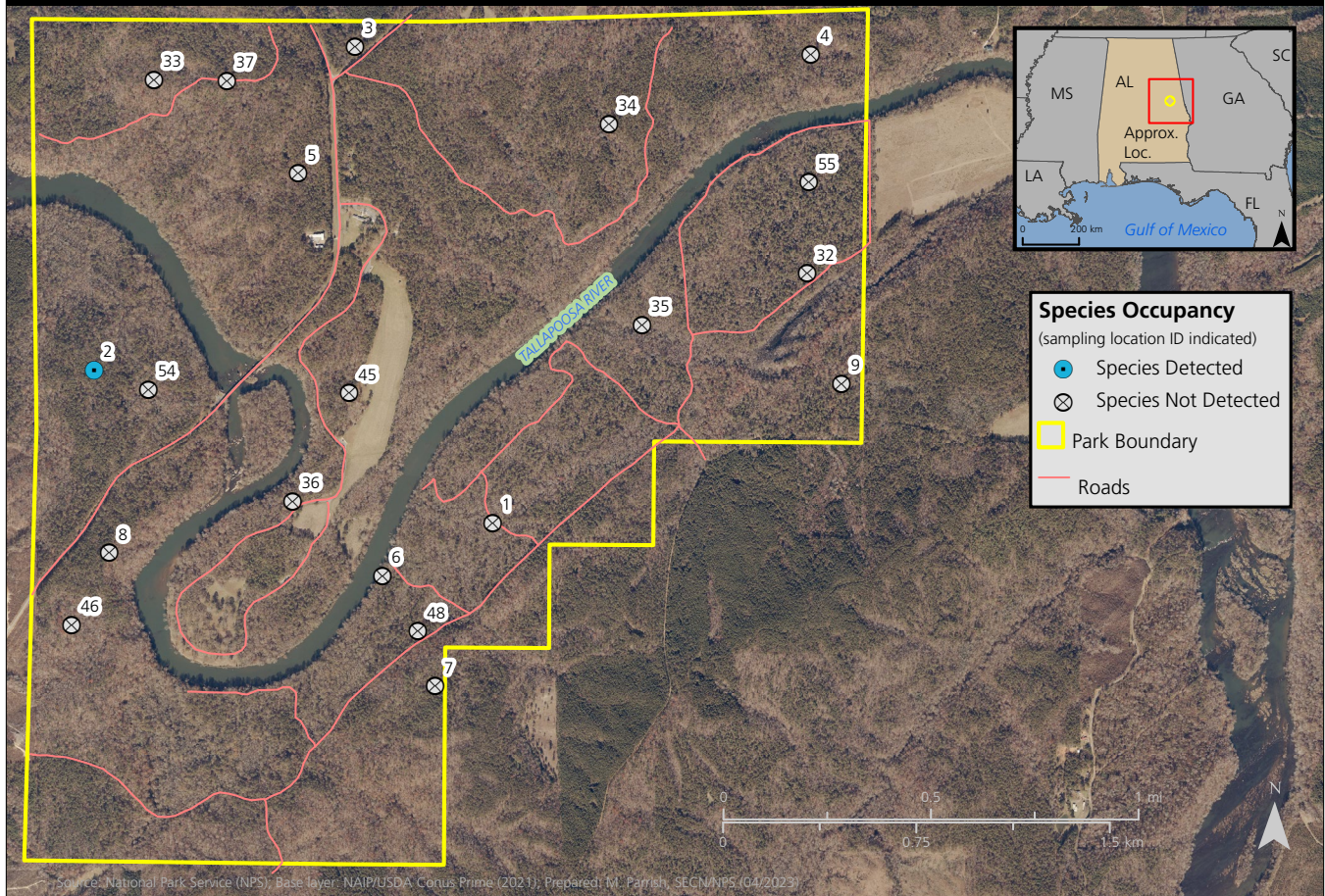


Figure 48. Vocalization detections of orange-crowned warbler (*Leiothlypis celata*) at Horseshoe Bend National Military Park.



Kentucky Warbler (*Geothlypis formosa*)

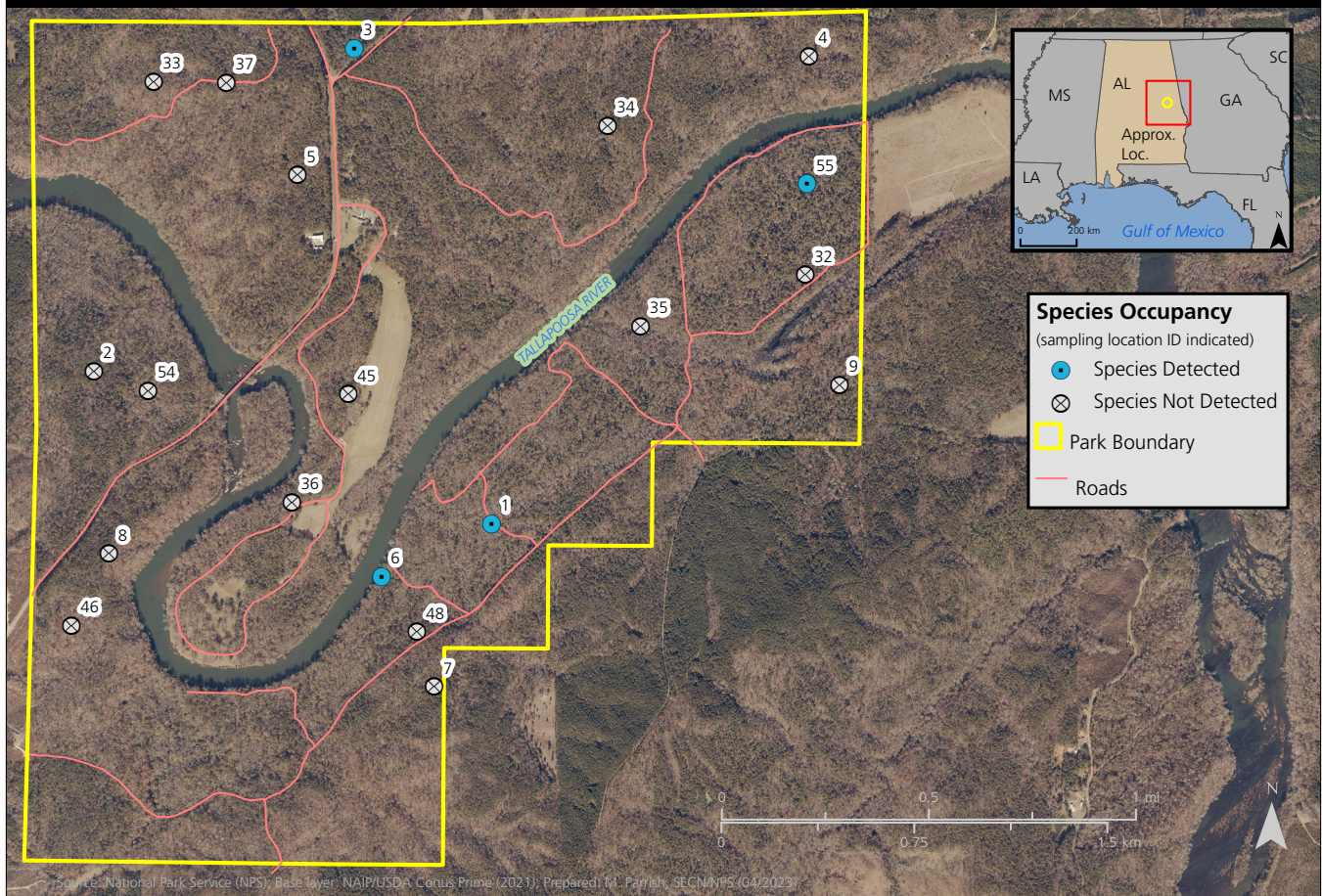


Figure 49. Vocalization detections of Kentucky warbler (*Geothlypis formosa*) at Horseshoe Bend National Military Park.



Hooded Warbler (*Setophaga citrina*)

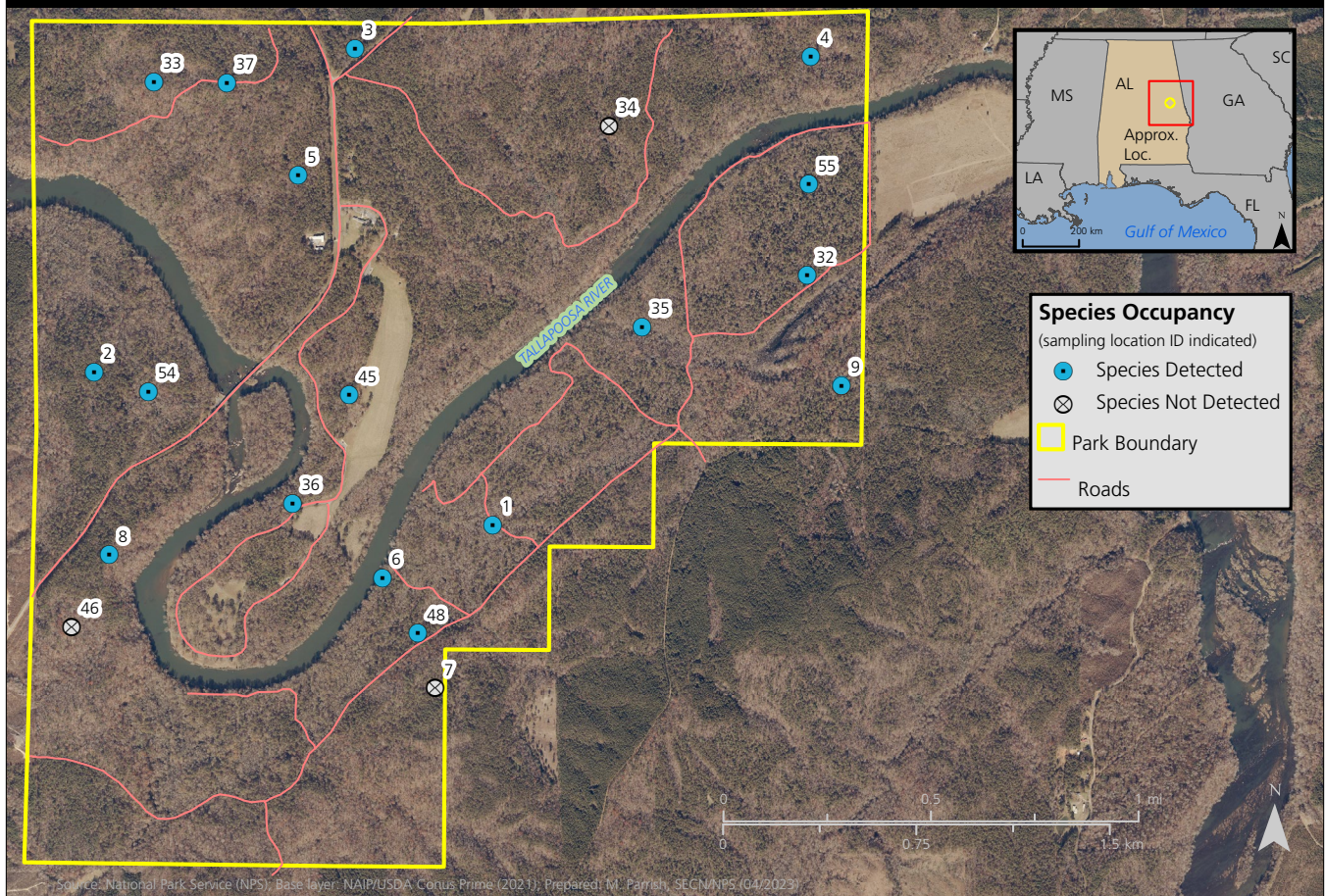


Figure 50. Vocalization detections of hooded warbler (*Setophaga citrina*) at Horseshoe Bend National Military Park.



American Redstart (*Setophaga ruticilla*)

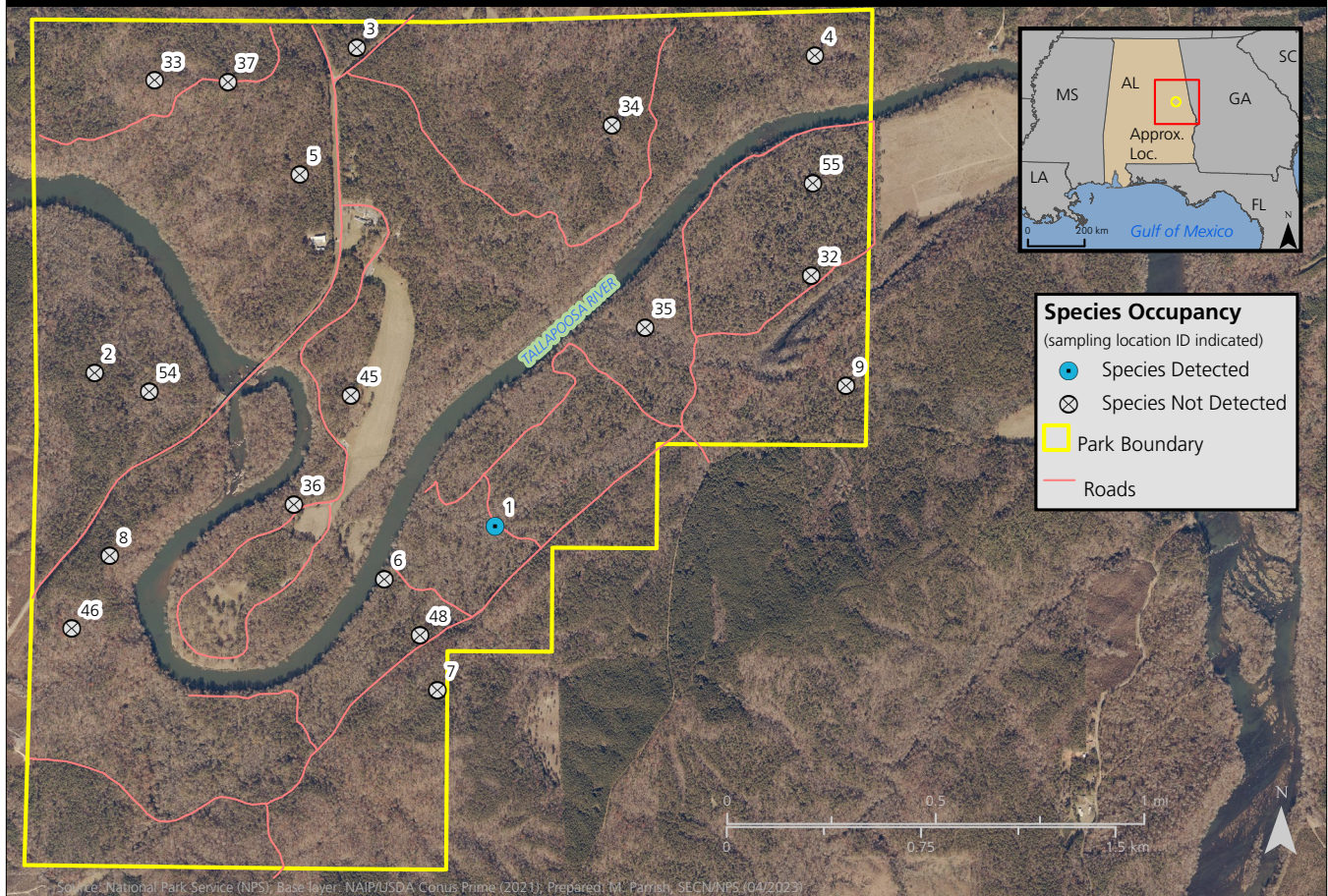


Figure 51. Vocalization detections of American redstart (*Setophaga ruticilla*) at Horseshoe Bend National Military Park.



Northern Parula (*Setophaga americana*)

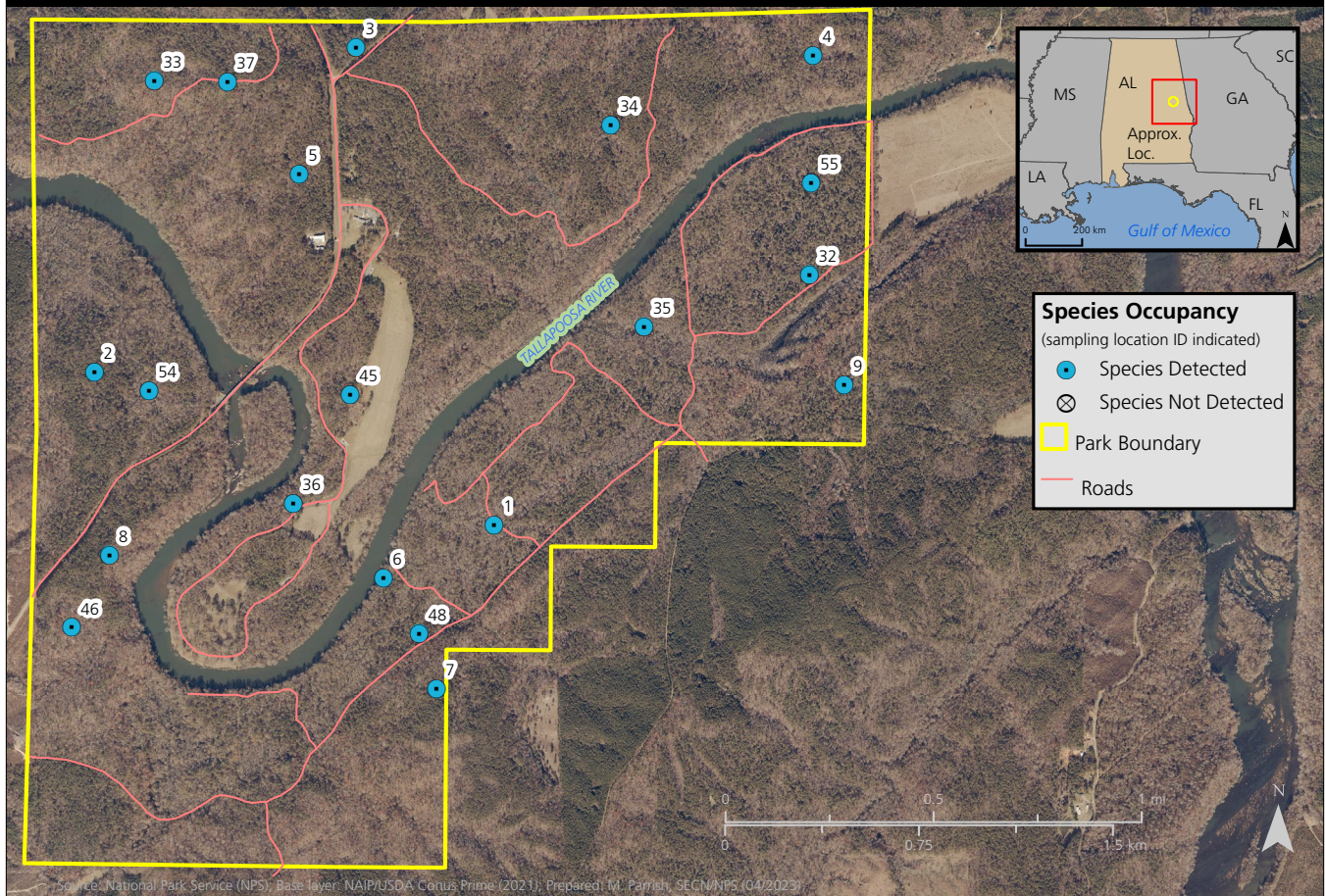


Figure 52. Vocalization detections of northern parula (*Setophaga americana*) at Horseshoe Bend National Military Park.



Pine Warbler (*Setophaga pinus*)

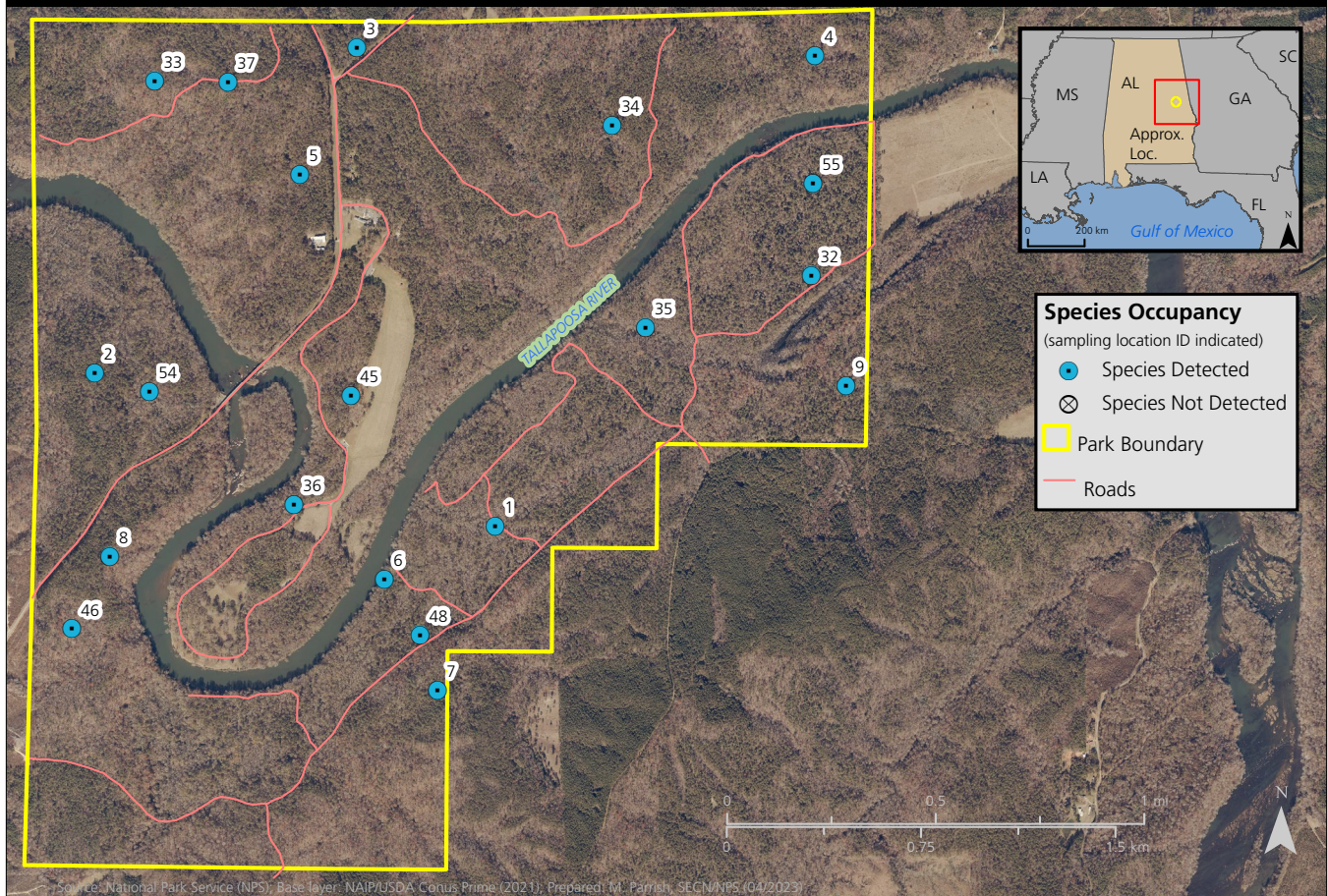


Figure 53. Vocalization detections of pine warbler (*Setophaga pinus*) at Horseshoe Bend National Military Park.



Yellow-throated Warbler (*Setophaga dominica*)

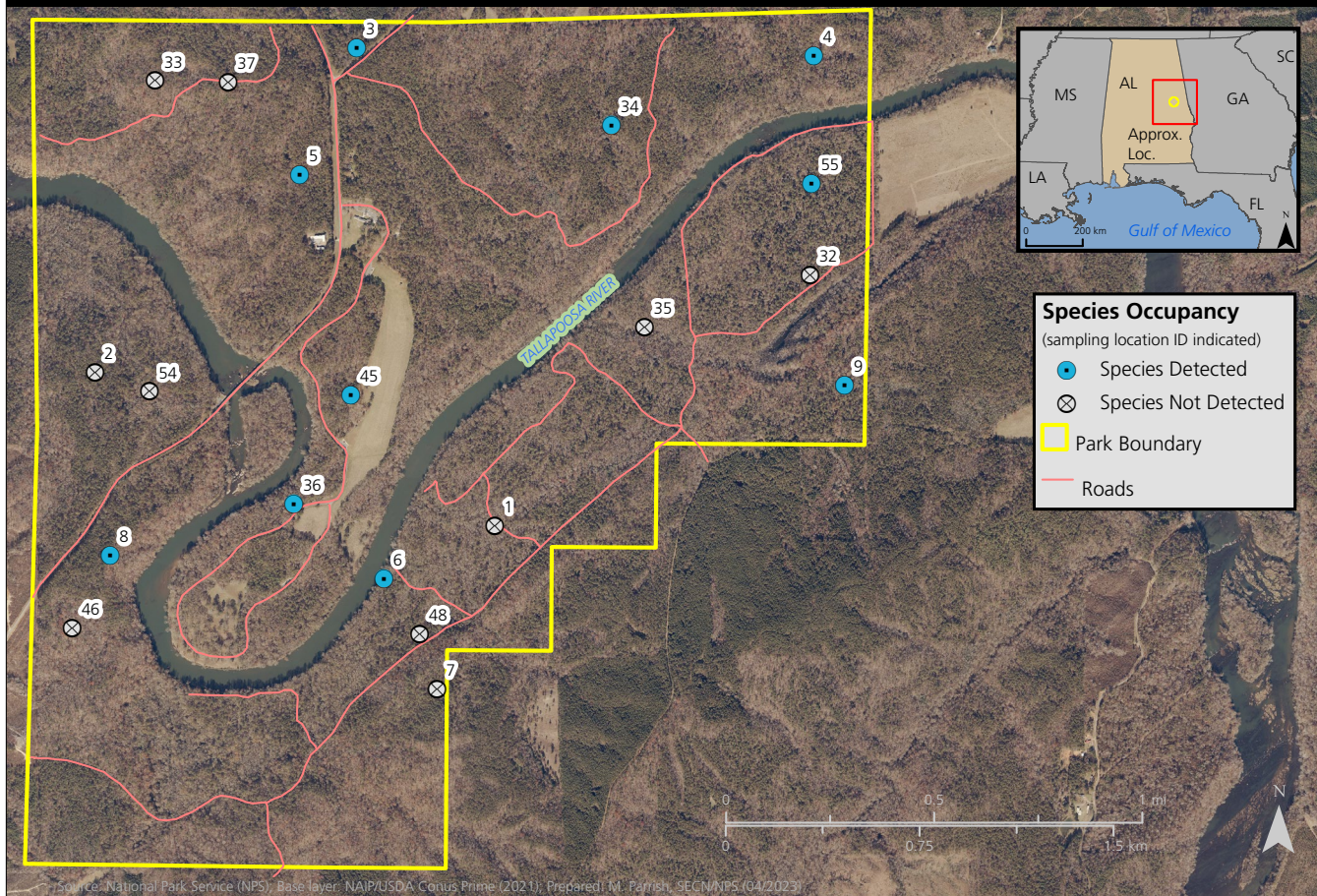


Figure 54. Vocalization detections of yellow-throated warbler (*Setophaga dominica*) at Horseshoe Bend National Military Park.



Prairie Warbler (*Setophaga discolor*)

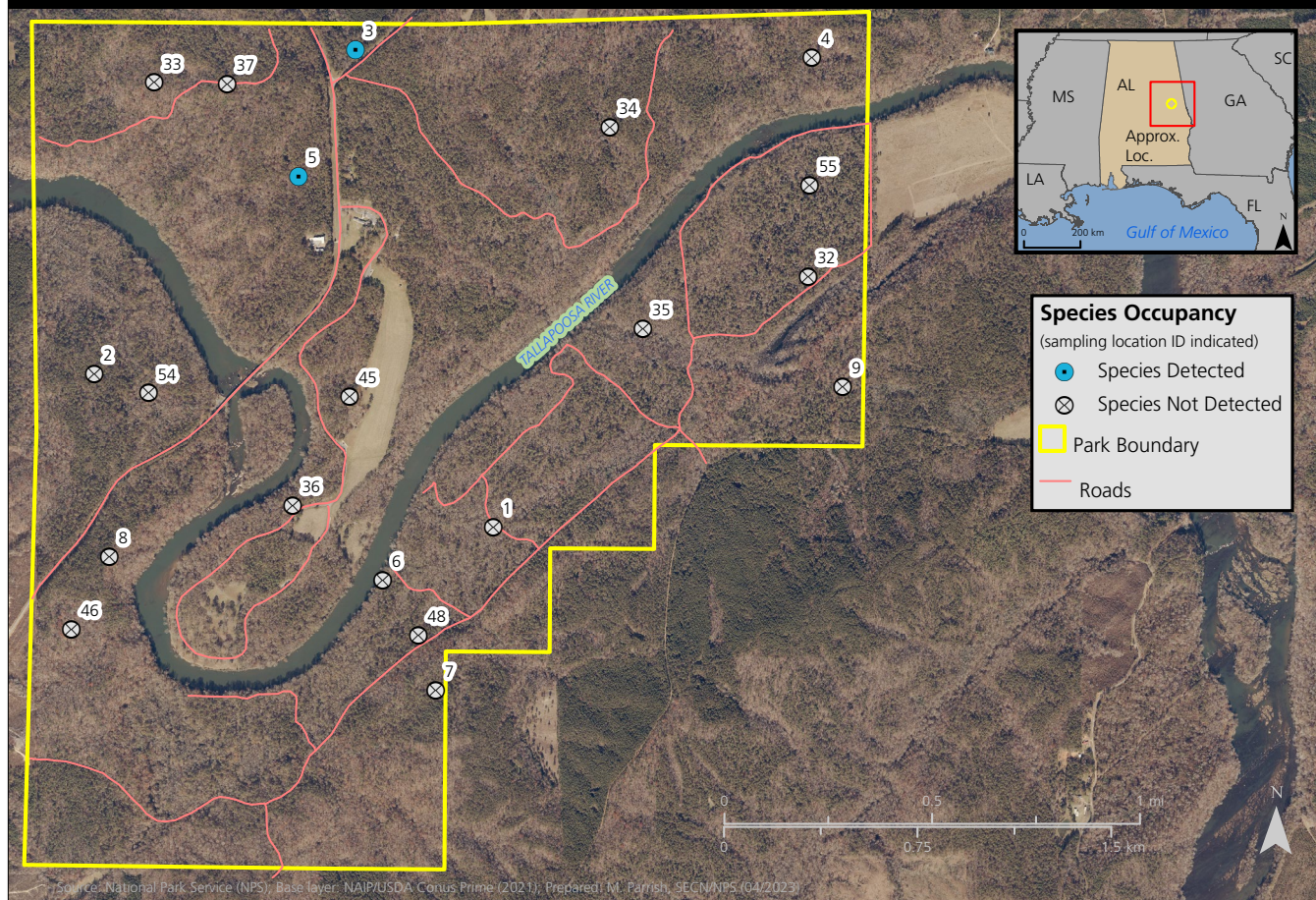


Figure 55. Vocalization detections of prairie warbler (*Setophaga discolor*) at Horseshoe Bend National Military Park.



Summer Tanager (*Piranga rubra*)

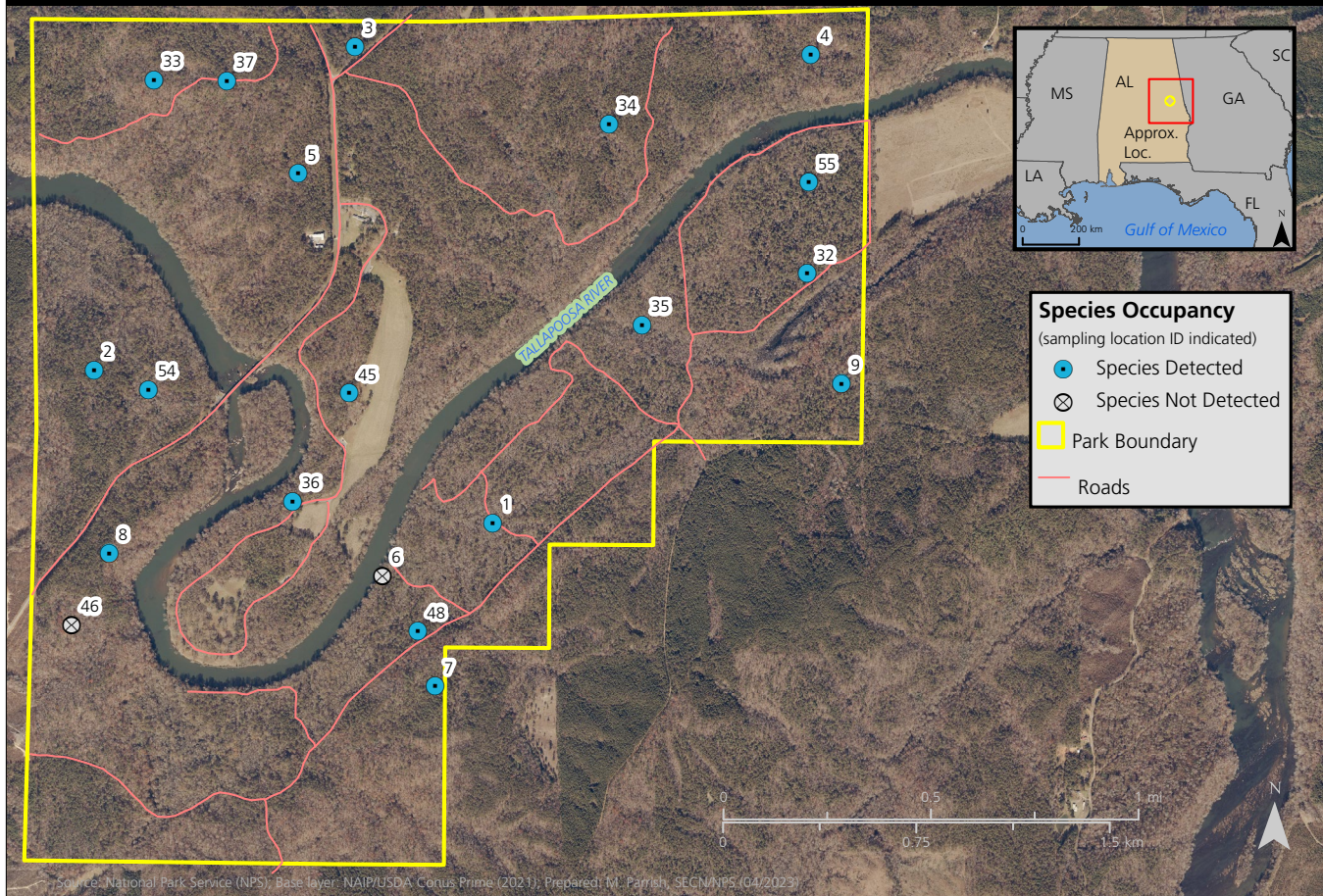


Figure 56. Vocalization detections of summer tanager (*Piranga rubra*) at Horseshoe Bend National Military Park.



Scarlet Tanager (*Piranga olivacea*)

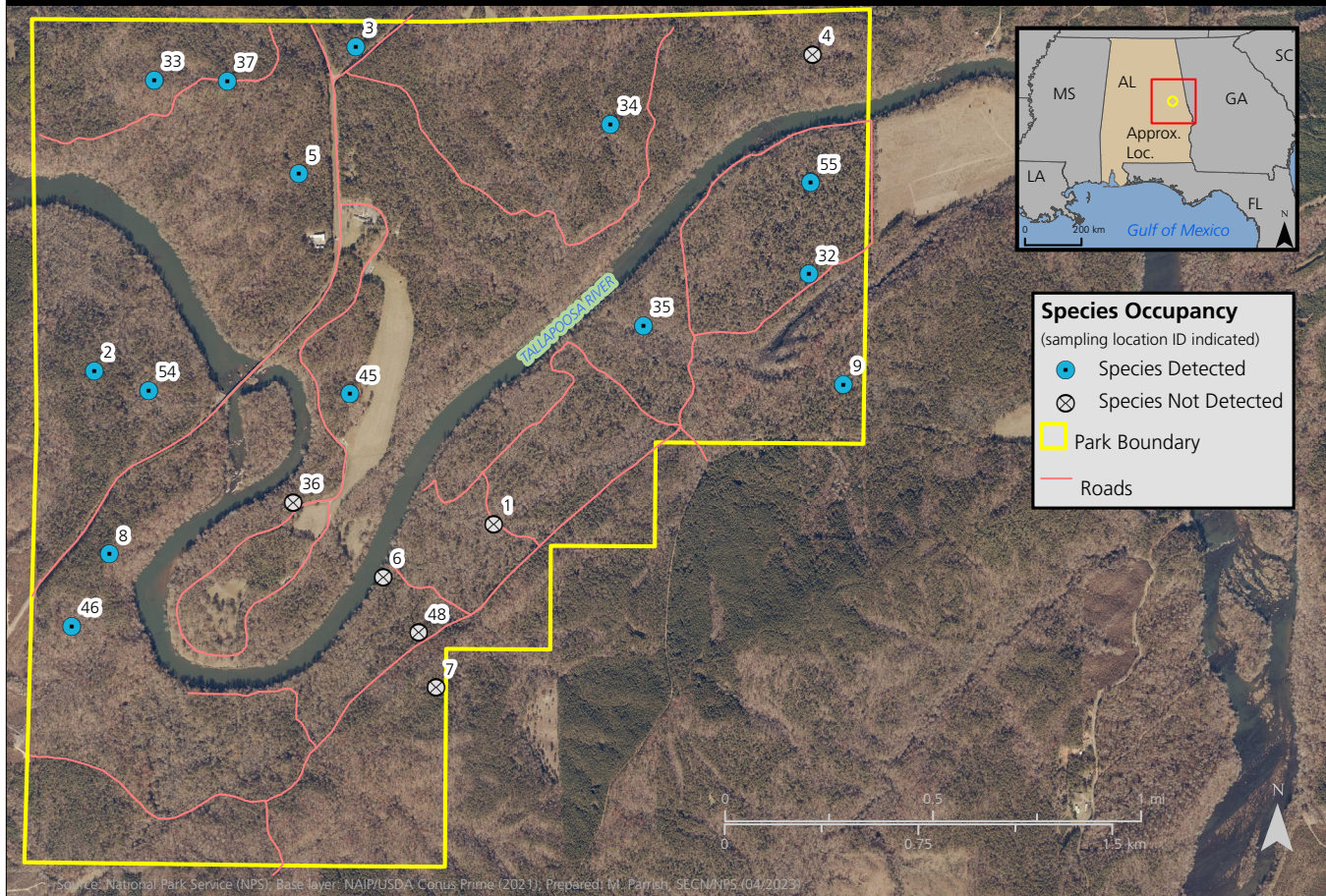


Figure 57. Vocalization detections of scarlet tanager (*Piranga olivacea*) at Horseshoe Bend National Military Park.



Northern Cardinal (*Cardinalis cardinalis*)

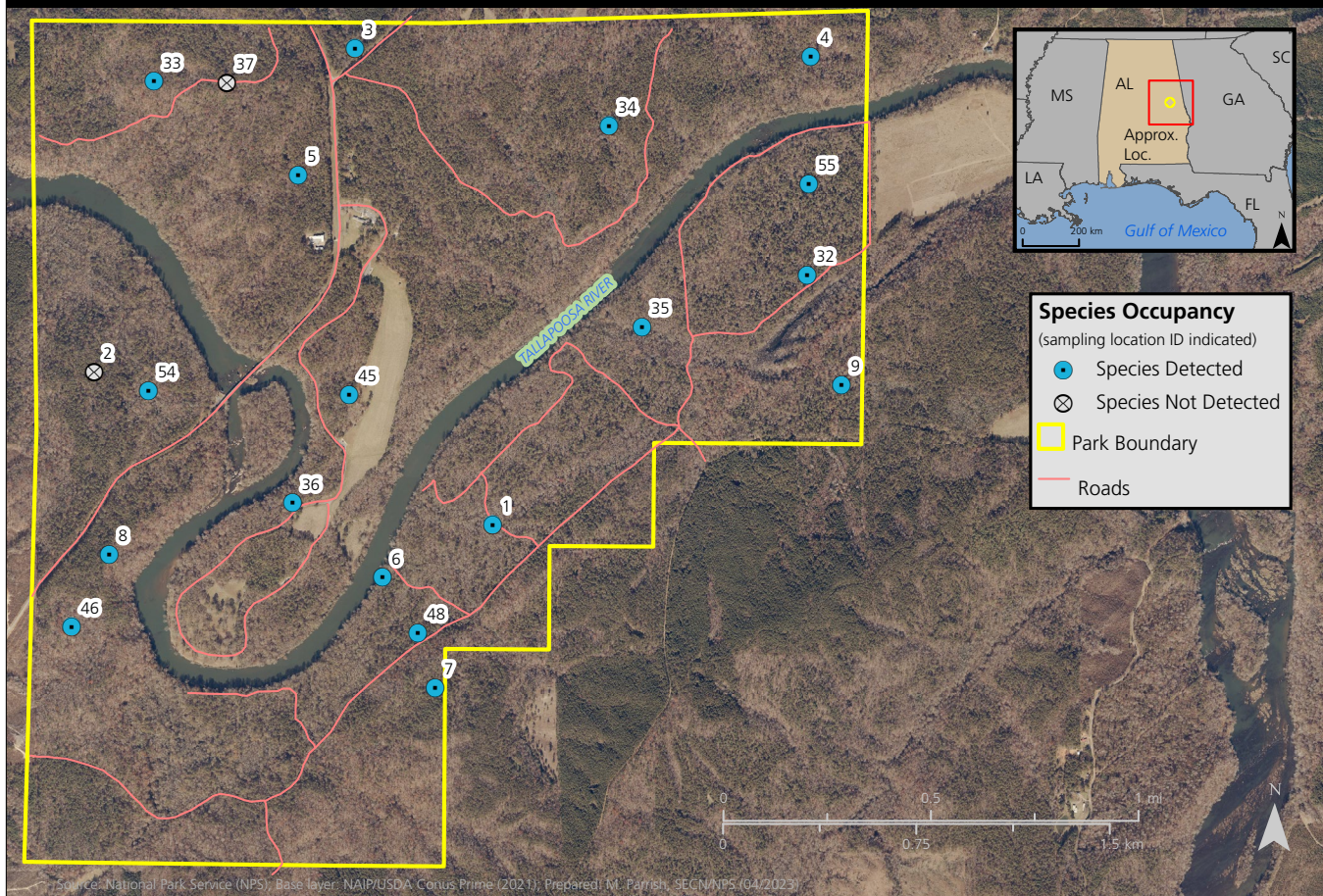


Figure 58. Vocalization detections of northern cardinal (*Cardinalis cardinalis*) at Horseshoe Bend National Military Park.



Indigo Bunting (*Passerina cyanea*)

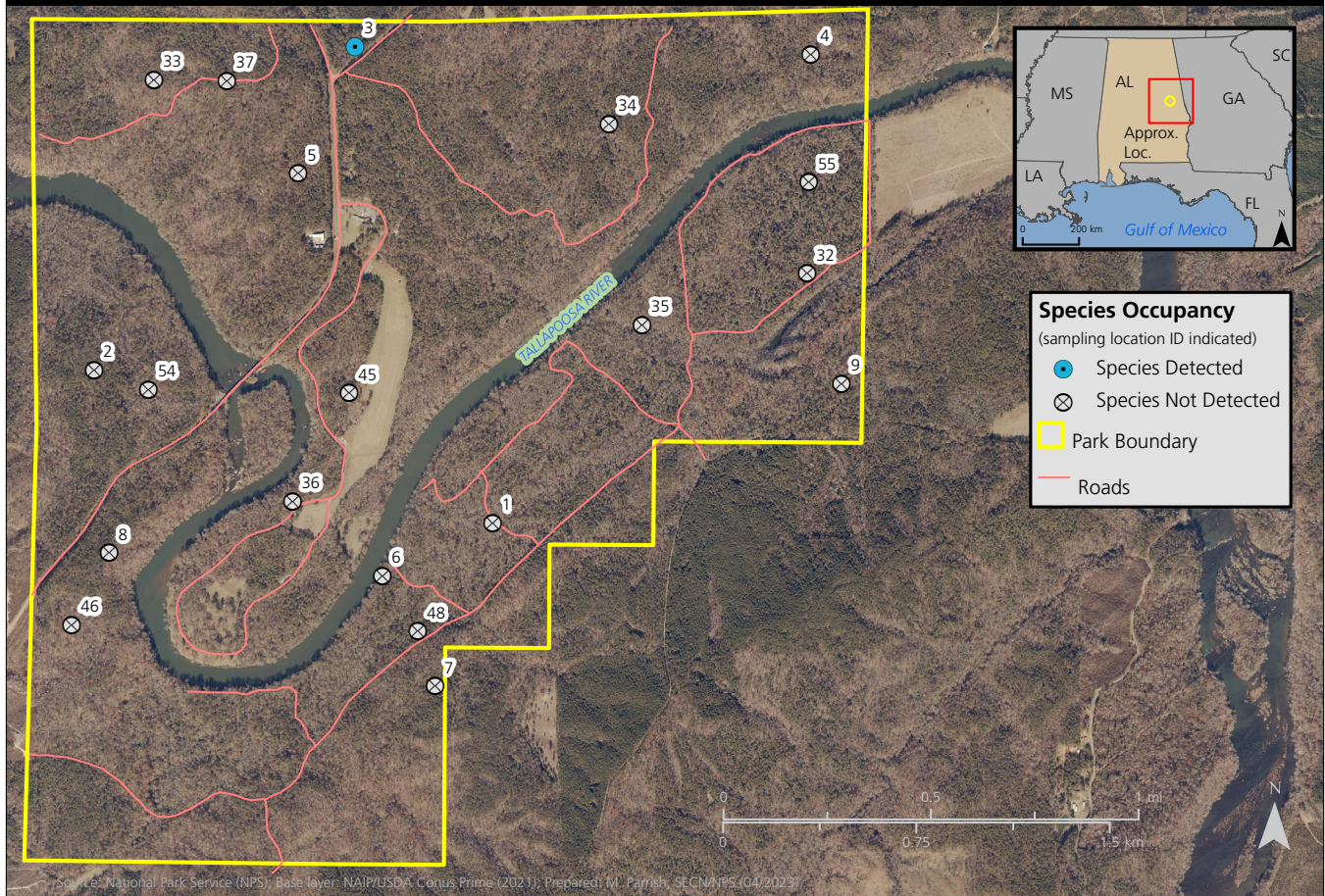


Figure 59. Vocalization detections of indigo bunting (*Passerina cyanea*) at Horseshoe Bend National Military Park.