Southeast Coast Network

National Park Service
Inventory and Monitoring Division

Landbird Community Monitoring at Cape Hatteras National Seashore

2020 Data Summary

Species Distribution Maps

Michael C. Parrish
Southeast Coast Network, NPS, 135 Phoenix Road, Athens, Georgia 30605.

The following maps (Figures 1 through 47) highlight the vocalization detections for each species in Cape Hatteras National Seashore in 2020. These are supplemental to the Landbird Community Monitoring: 2020 Data Summary Report for Cape Hatteras National Seashore, which is available from the NPS Integrated Resource Management Applications Data Store at https://irma.nps.gov/DataStore/Reference/Profile/2291582.

Contents

Figure 1. Vocalization detections of Canada goose (*Branta canadensis*) at Cape Hatteras National Seashore. . . . 5

Figure 2. Vocalization detections of mourning dove (*Zenaida macroura*) at Cape Hatteras National Seashore. . . . 6

Figure 3. Vocalization detections of yellow-billed cuckoo (*Coccyzus americanus*) at Cape Hatteras National Seashore. . . . 7

Figure 4. Vocalization detections of common nighthawk (*Chordeiles minor*) at Cape Hatteras National Seashore. . . . 8

Figure 5. Vocalization detections of clapper rail (*Rallus longirostris*) at Cape Hatteras National Seashore. . . . 9

Figure 6. Vocalization detections of killdeer (*Charadrius vociferus*) at Cape Hatteras National Seashore. . . . 10

Figure 7. Vocalization detections of willet (*Tringa semipalmata*) at Cape Hatteras National Seashore. . . . 11

Figure 8. Vocalization detections of greater yellowlegs (*Tringa melanoleuca*) at Cape Hatteras National Seashore. . . . 12

Figure 9. Vocalization detections of laughing gull (*Leucophaeus atricilla*) at Cape Hatteras National Seashore. . . . 13

Figure 10. Vocalization detections of least tern (*Sternula antillarum*) at Cape Hatteras National Seashore. . . . 14

Figure 11. Vocalization detections of royal tern (*Thalasseus maximus*) at Cape Hatteras National Seashore. . . . 15

Figure 12. Vocalization detections of red-headed woodpecker (*Melanerpes erythrocephalus*) at Cape Hatteras National Seashore. . . . 16

Figure 13. Vocalization detections of red-bellied woodpecker (*Melanerpes carolinus*) at Cape Hatteras National Seashore. . . . 17

Figure 14. Vocalization detections of pileated woodpecker (*Branta canadensis*) at Cape Hatteras National Seashore. . . . 18

Figure 15. Vocalization detections of great crested flycatcher (*Myiarchus crinitus*) at Cape Hatteras National Seashore. . . . 19

Figure 16. Vocalization detections of eastern kingbird (*Tyrannus tyrannus*) at Cape Hatteras National Seashore. . . . 20

Figure 17. Vocalization detections of white-eyed vireo (*Vireo griseus*) at Cape Hatteras National Seashore. . . . 21

Figure 18. Vocalization detections of red-eyed vireo (*Vireo olivaceus*) at Cape Hatteras National Seashore. . . . 22

Figure 19. Vocalization detections of blue jay (*Cyanocitta cristata*) at Cape Hatteras National Seashore. . . . 23

Figure 20. Vocalization detections of American crow (*Corvus brachyrhynchos*) at Cape Hatteras National Seashore. . . . 24

Figure 21. Vocalization detections of fish crow (*Corvus ossifragus*) at Cape Hatteras National Seashore. . . . 25

Figure 22. Vocalization detections of Carolina chickadee (*Poecile carolinensis*) at Cape Hatteras National Seashore. . . . 26

Figure 23. Vocalization detections of tufted titmouse (*Baeolophus bicolor*) at Cape Hatteras National Seashore. . . . 27

Contents

Figure 24. Vocalization detections of purple martin (*Progne subis*) at Cape Hatteras National Seashore. 28

Figure 25. Vocalization detections of barn swallow (*Hirundo rustica*) at Cape Hatteras National Seashore. 29

Figure 26. Vocalization detections of cedar waxwing (*Bombycilla cedrorum*) at Cape Hatteras National Seashore. 30

Figure 27. Vocalization detections of brown-headed nuthatch (*Sitta pusilla*) at Cape Hatteras National Seashore. 31

Figure 28. Vocalization detections of blue-gray gnatcatcher (*Polioptila caerulea*) at Cape Hatteras National Seashore. 32

Figure 29. Vocalization detections of marsh wren (*Cistothorus palustris*) at Cape Hatteras National Seashore. 33

Figure 30. Vocalization detections of Carolina wren (*Thryothorus ludovicianus*) at Cape Hatteras National Seashore. 34

Figure 31. Vocalization detections of gray catbird (*Dumetella carolinensis*) at Cape Hatteras National Seashore. 35

Figure 32. Vocalization detections of brown thrasher (*Toxostoma rufum*) at Cape Hatteras National Seashore. 36

Figure 33. Vocalization detections of northern mockingbird (*Mimus polyglottos*) at Cape Hatteras National Seashore. 37

Figure 34. Vocalization detections of seaside sparrow (*Ammodramus maritimus*) at Cape Hatteras National Seashore. 38

Figure 35. Vocalization detections of eastern towhee (*Pipilo erythrophthalmus*) at Cape Hatteras National Seashore. 39

Figure 36. Vocalization detections of eastern meadowlark (*Sturnella magna*) at Cape Hatteras National Seashore. 40

Figure 37. Vocalization detections of red-winged blackbird (*Agelaius phoeniceus*) at Cape Hatteras National Seashore. 41

Figure 38. Vocalization detections of brown-headed cowbird (*Molothrus ater*) at Cape Hatteras National Seashore. 42

Figure 39. Vocalization detections of common grackle (*Quiscalus quiscula*) at Cape Hatteras National Seashore. 43

Figure 40. Vocalization detections of boat-tailed grackle (*Quiscalus major*) at Cape Hatteras National Seashore. 44

Figure 41. Vocalization detections of common yellowthroat (*Geothlypis trichas*) at Cape Hatteras National Seashore. 45

Figure 42. Vocalization detections of blackpoll warbler (*Setophaga striata*) at Cape Hatteras National Seashore. 46

Figure 43. Vocalization detections of pine warbler (*Setophaga pinus*) at Cape Hatteras National Seashore. 47

Figure 44. Vocalization detections of prarie warbler (*Setophaga discolor*) at Cape Hatteras National Seashore. 48

Contents

Figure 45. Vocalization detections of summer tanager (*Piranga rubra*) at Cape Hatteras National Seashore. 49

Figure 46. Vocalization detections of northern cardinal (*Cardinalis cardinalis*) at Cape Hatteras National Seashore. 50

Figure 47. Vocalization detections of indigo bunting (*Passerina cyanea*) at Cape Hatteras National Seashore. 51

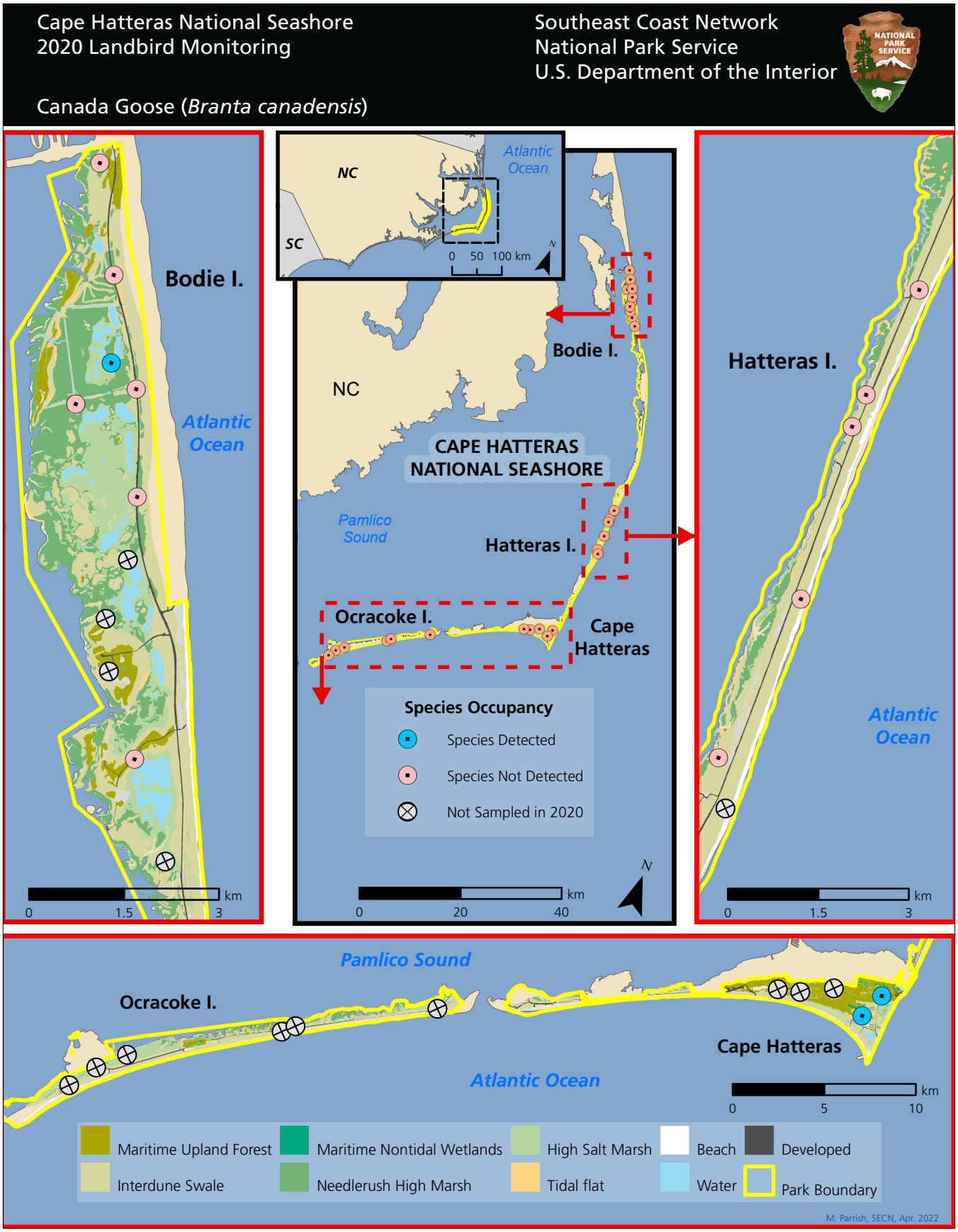


Figure 1. Vocalization detections of Canada goose (*Branta canadensis*) at Cape Hatteras National Seashore.

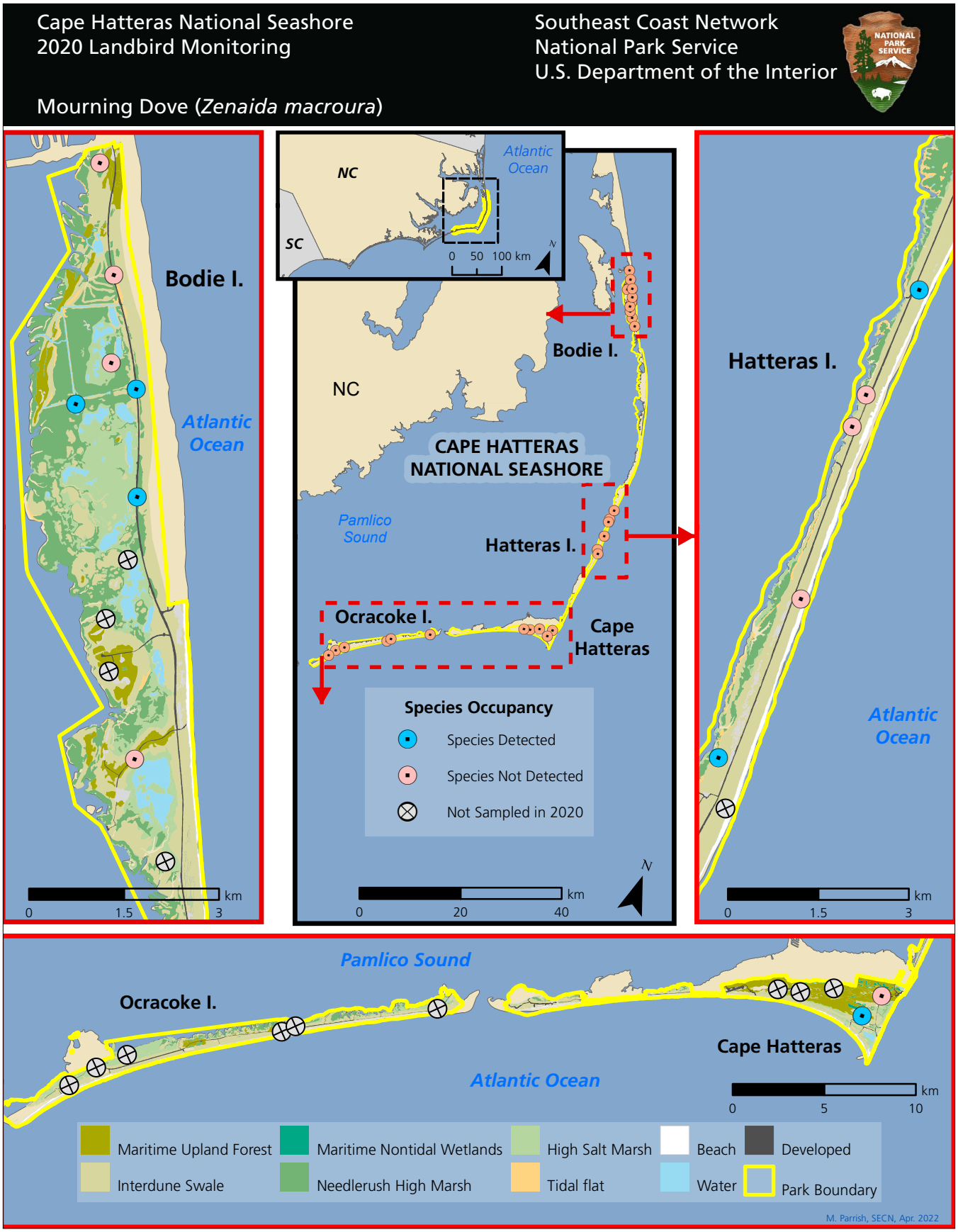


Figure 2. Vocalization detections of mourning dove (*Zenaida macroura*) at Cape Hatteras National Seashore.

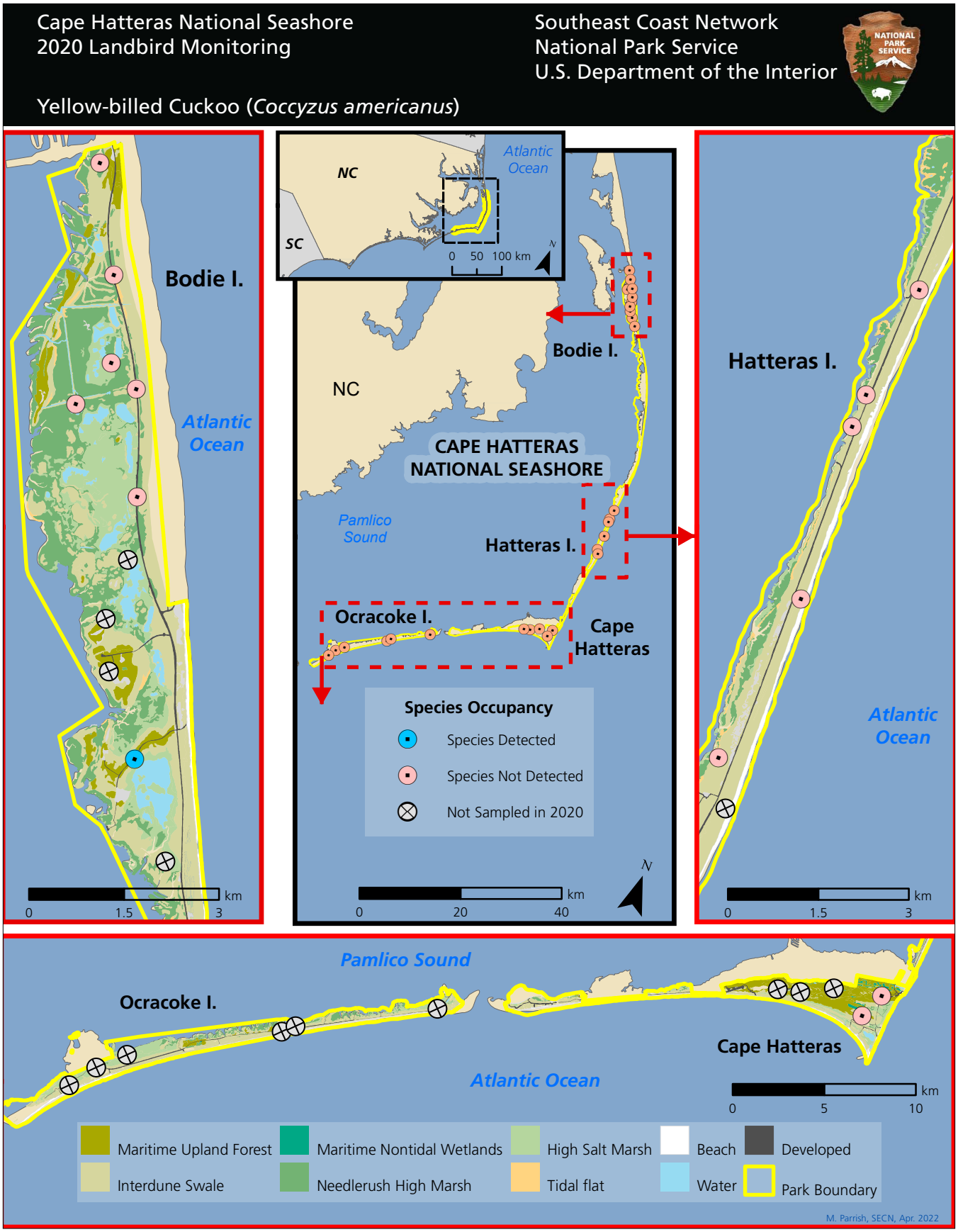


Figure 3. Vocalization detections of yellow-billed cuckoo (*Coccyzus americanus*) at Cape Hatteras National Seashore.

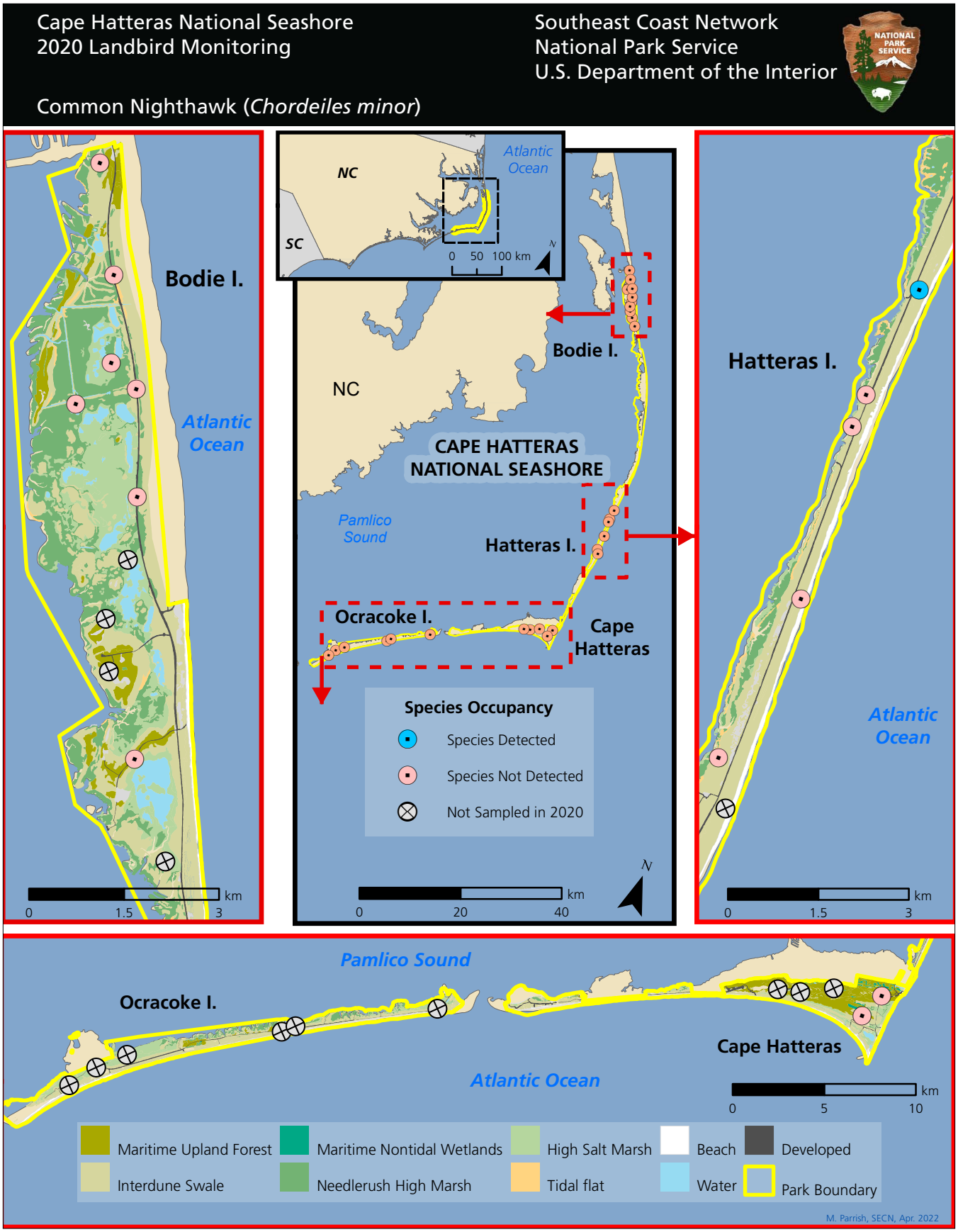


Figure 4. Vocalization detections of common nighthawk (*Chordeiles minor*) at Cape Hatteras National Seashore.

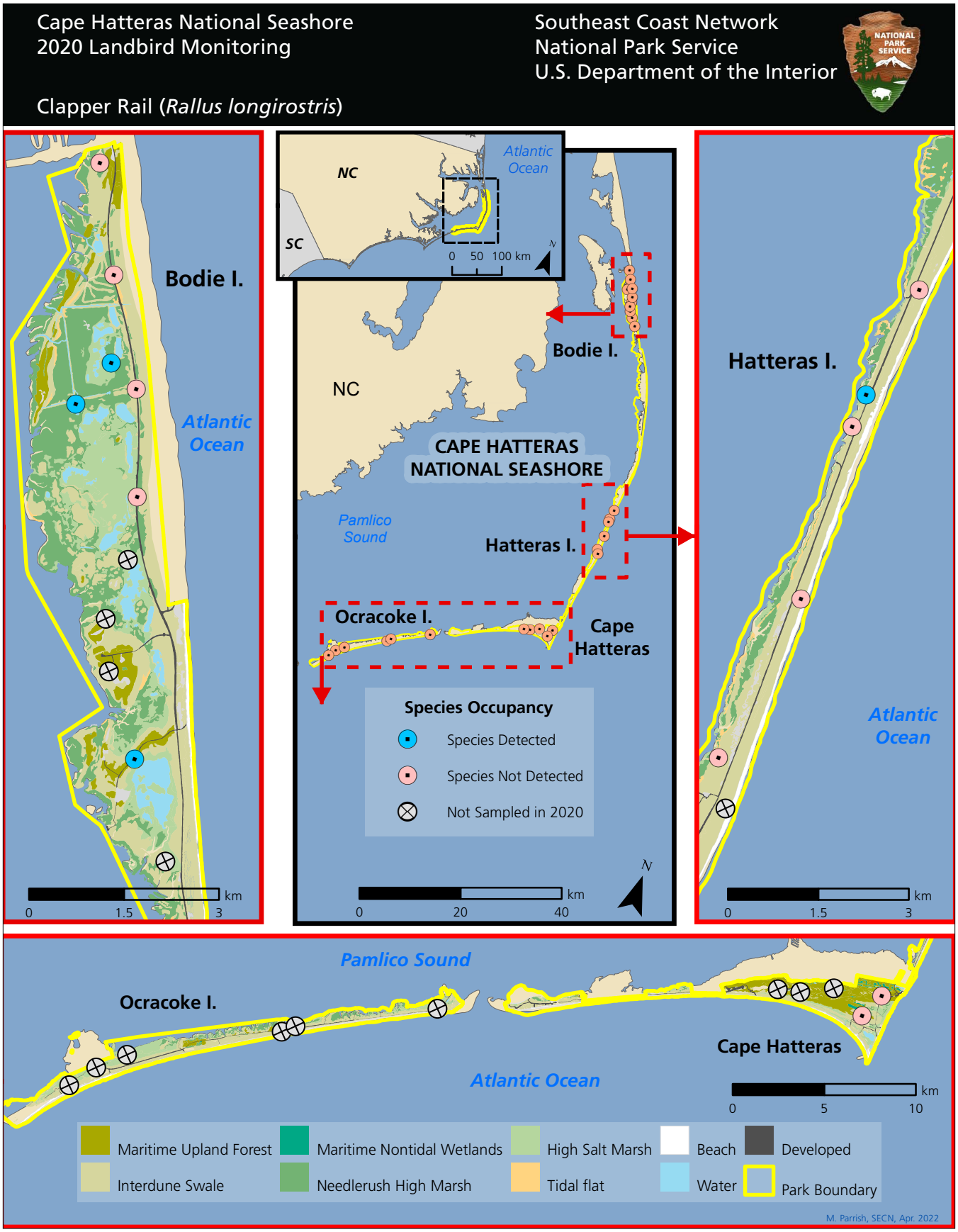


Figure 5. Vocalization detections of clapper rail (*Rallus longirostris*) at Cape Hatteras National Seashore.

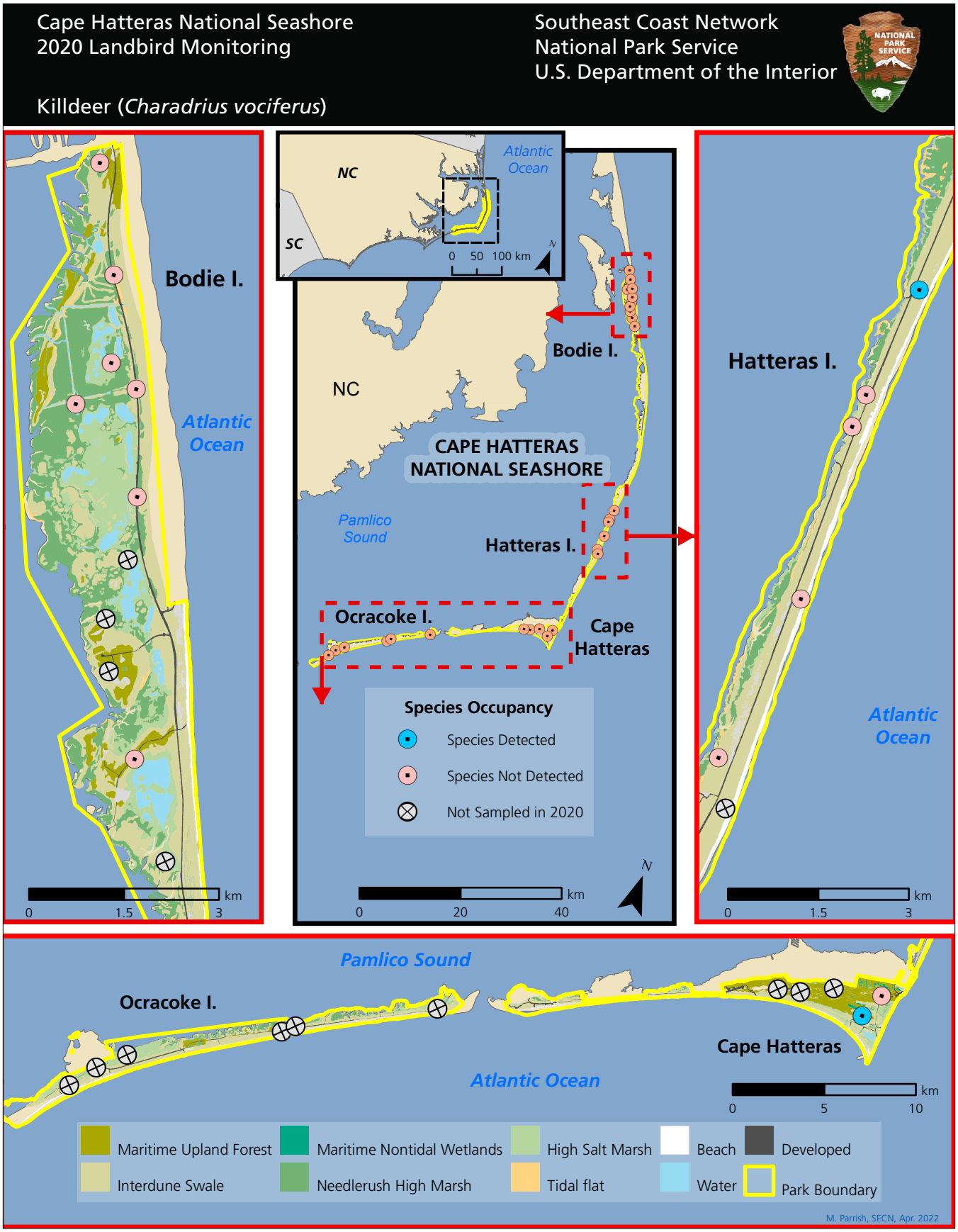


Figure 6. Vocalization detections of killdeer (*Charadrius vociferus*) at Cape Hatteras National Seashore.

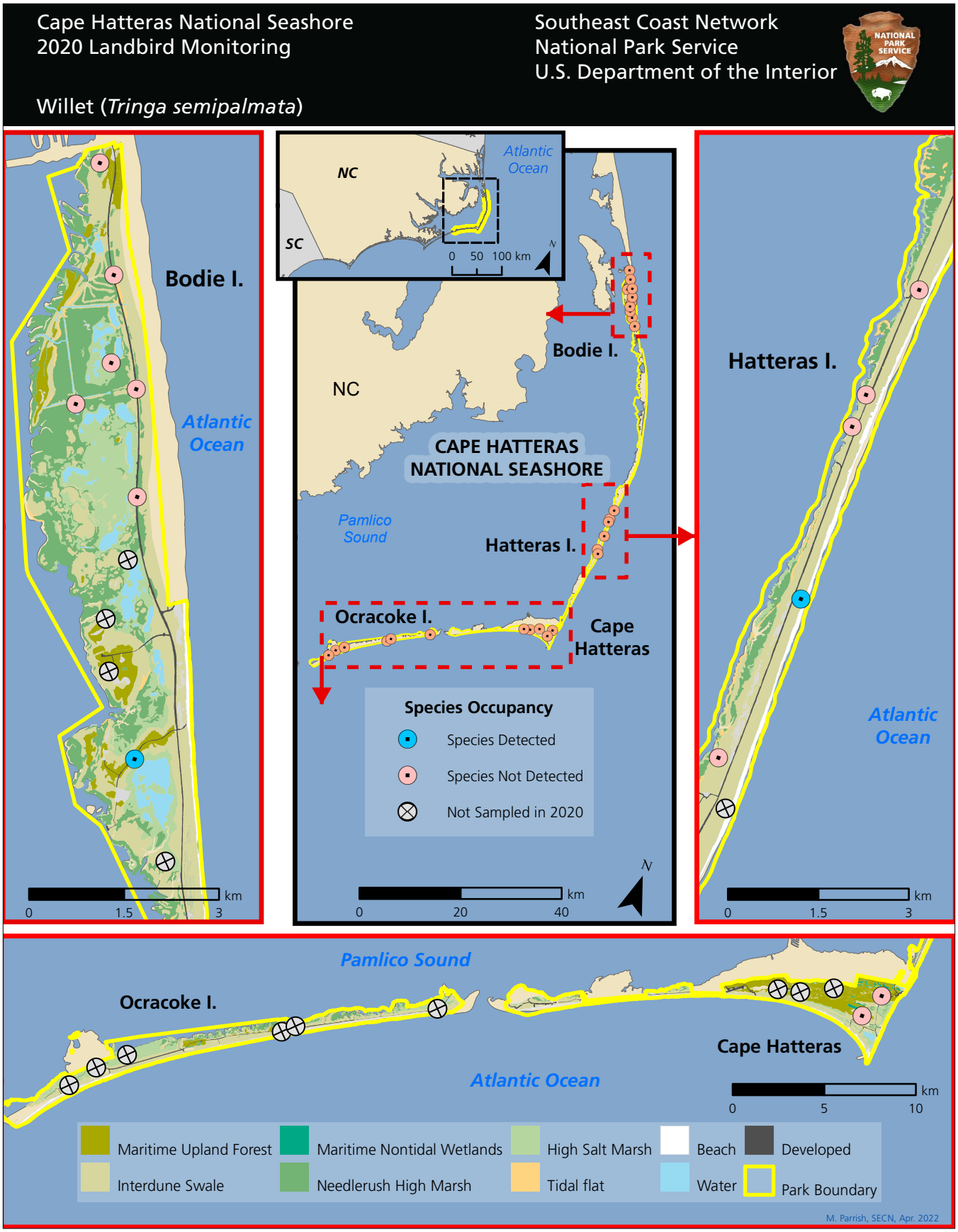


Figure 7. Vocalization detections of willet (*Tringa semipalmata*) at Cape Hatteras National Seashore.

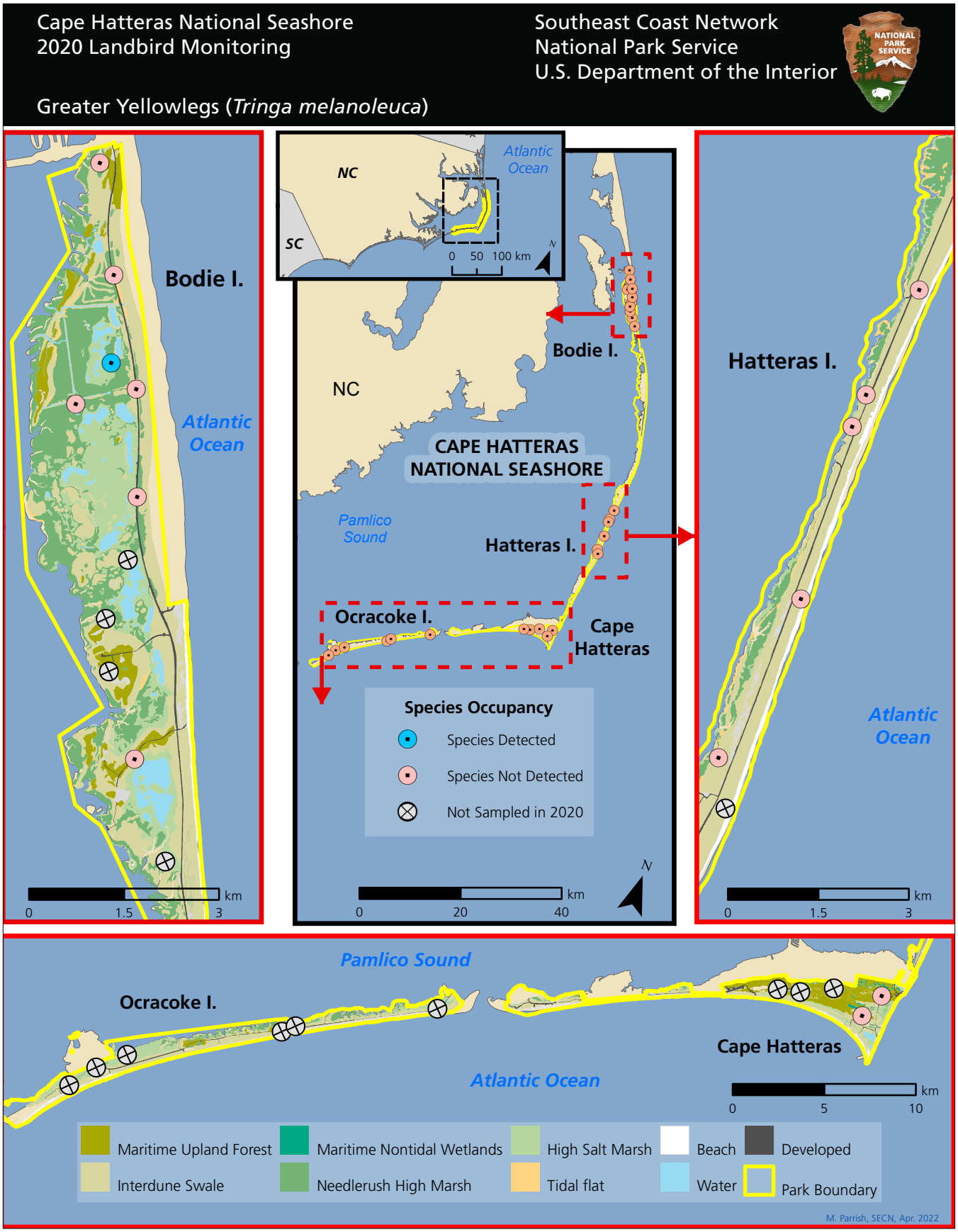


Figure 8. Vocalization detections of greater yellowlegs (*Tringa melanoleuca*) at Cape Hatteras National Seashore.

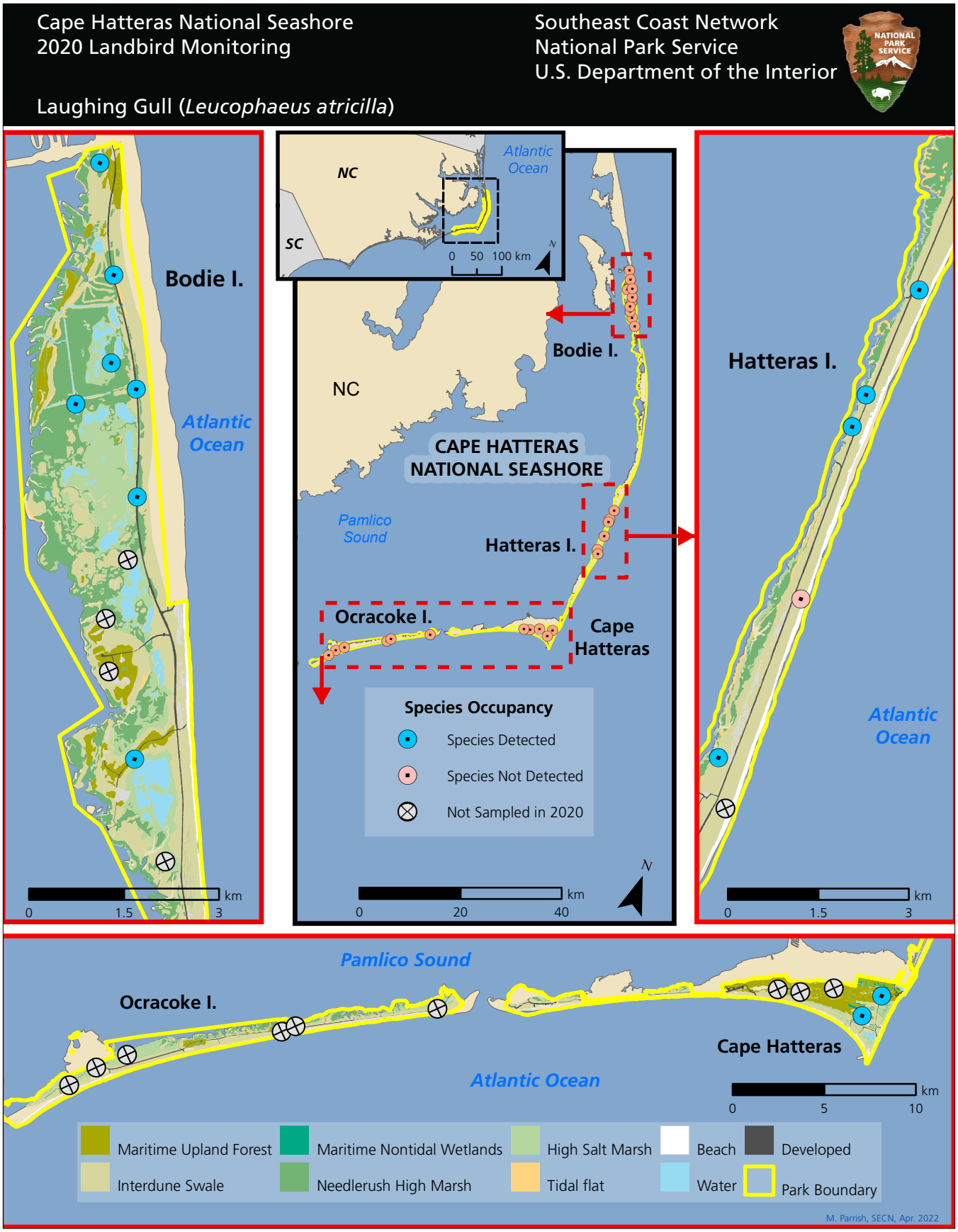


Figure 9. Vocalization detections of laughing gull (*Leucophaeus atricilla*) at Cape Hatteras National Seashore.

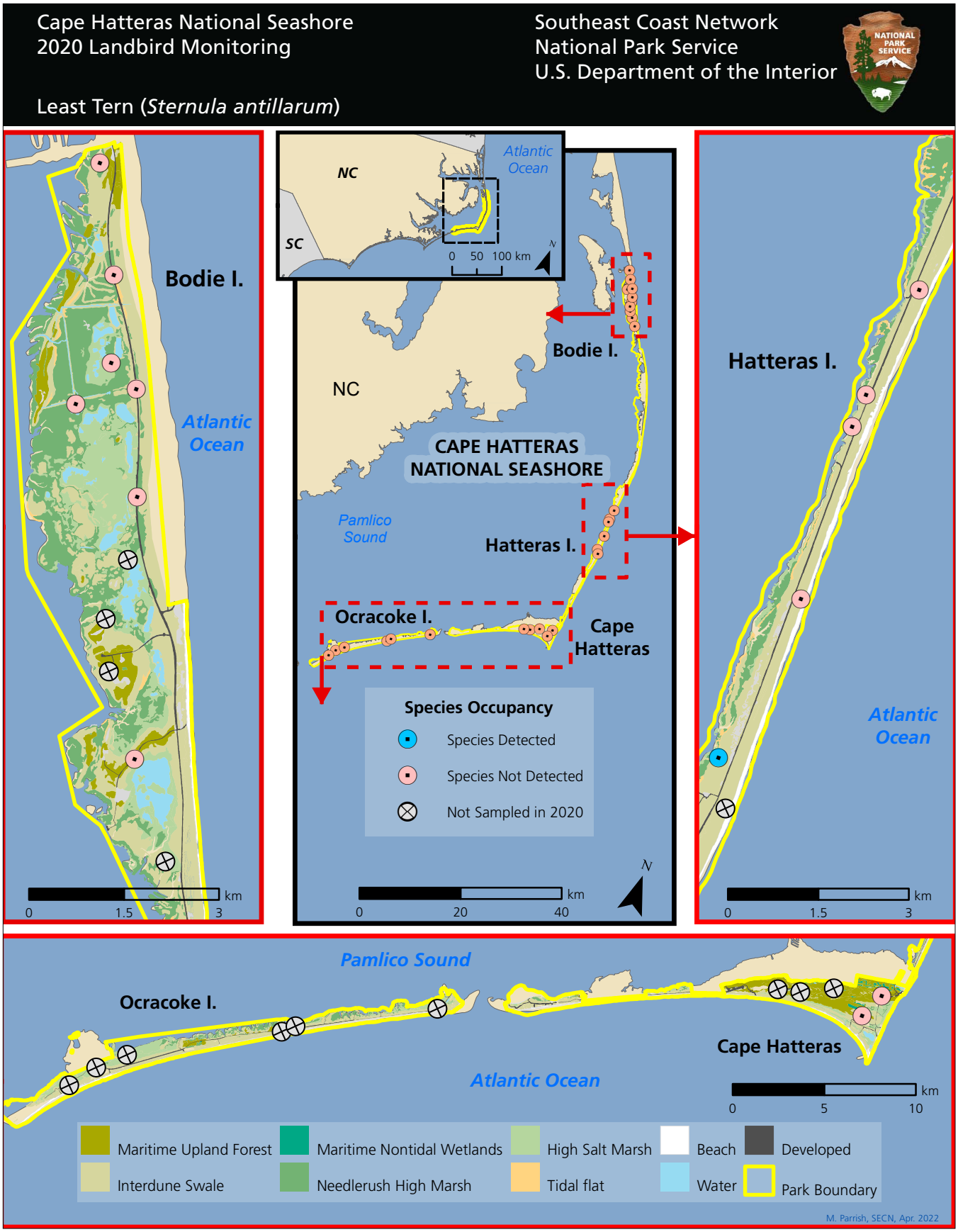


Figure 10. Vocalization detections of least tern (*Sternula antillarum*) at Cape Hatteras National Seashore.

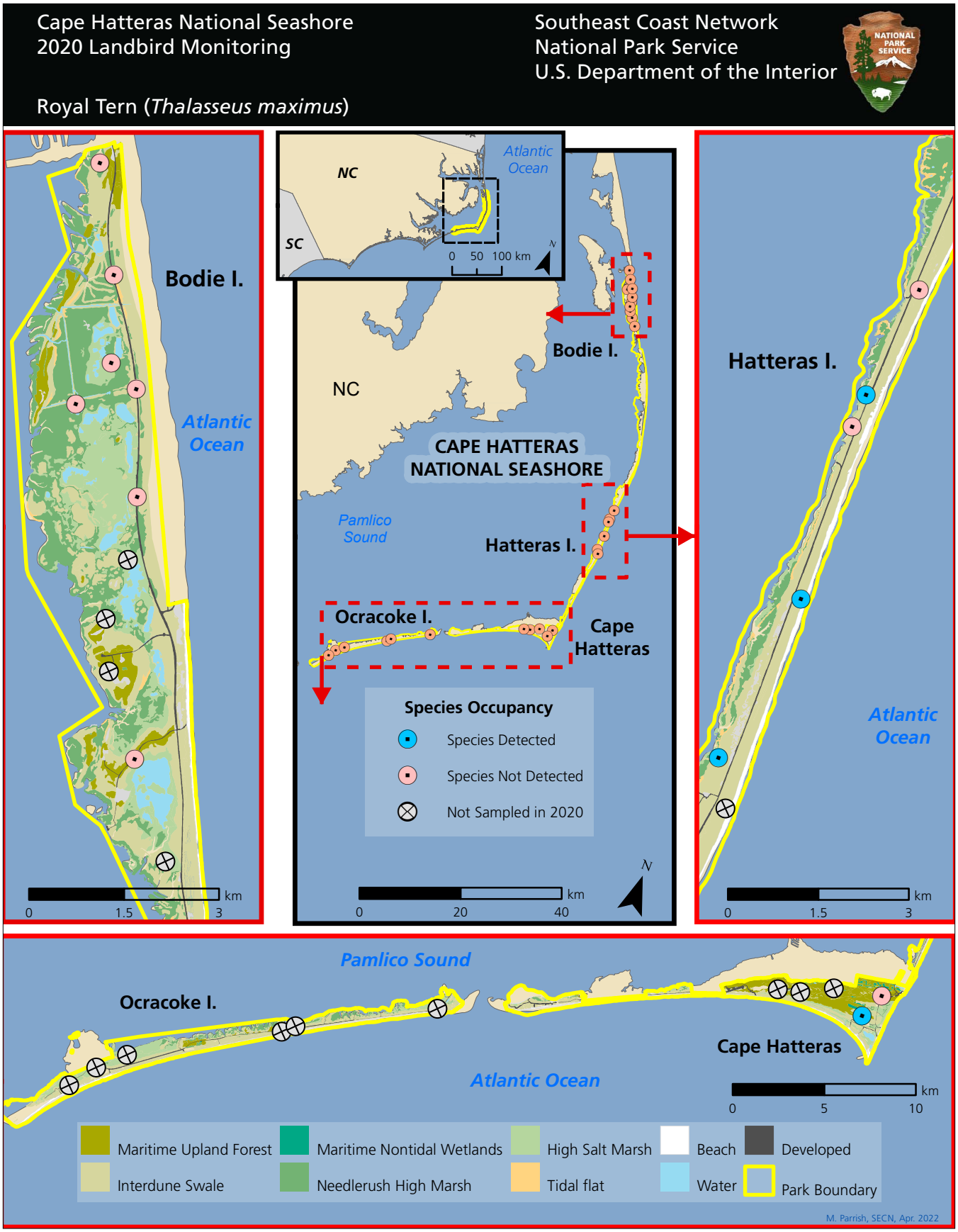


Figure 11. Vocalization detections of royal tern (*Thalasseus maximus*) at Cape Hatteras National Seashore.

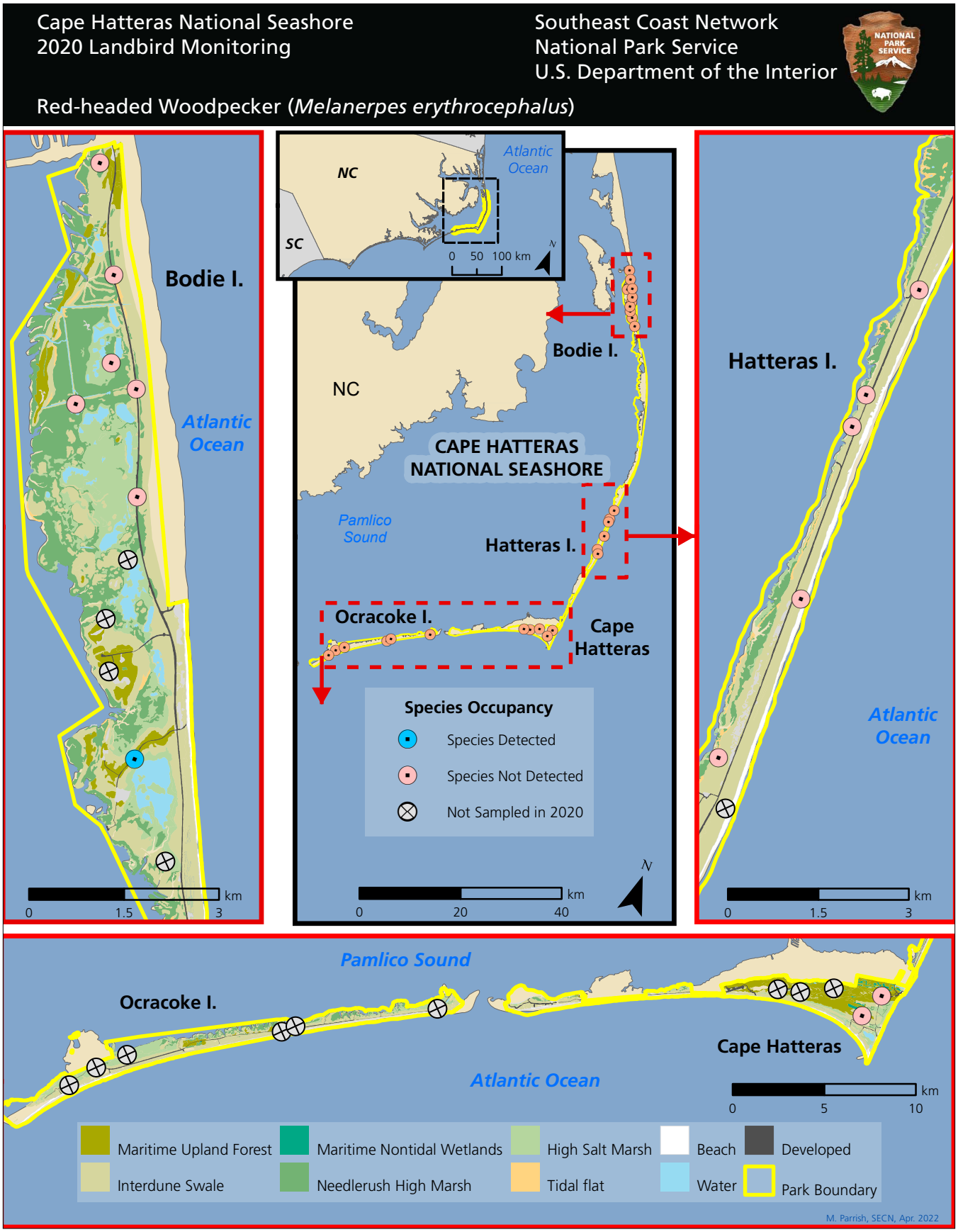


Figure 12. Vocalization detections of red-headed woodpecker (*Melanerpes erythrocephalus*) at Cape Hatteras National Seashore.

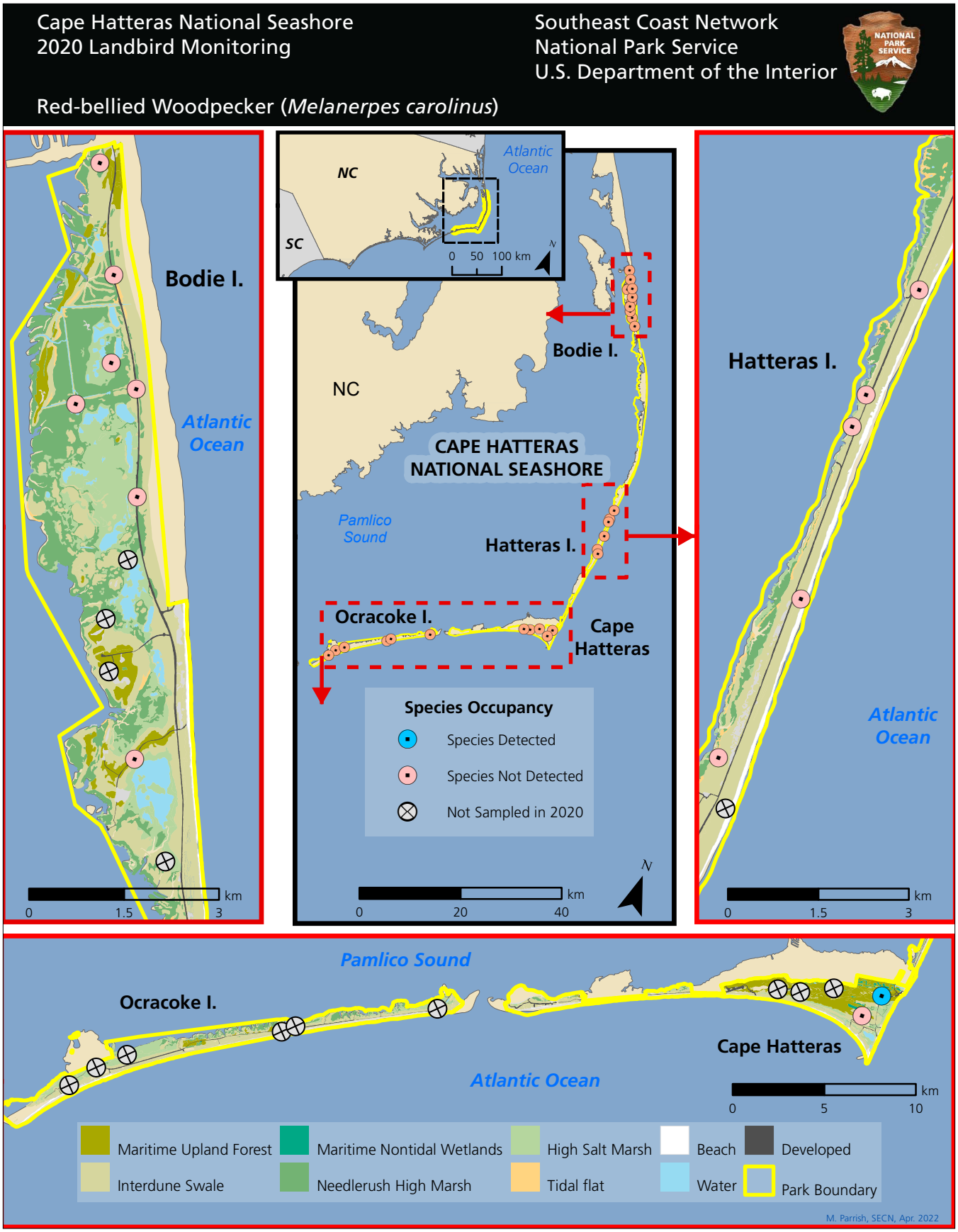


Figure 13. Vocalization detections of red-bellied woodpecker (*Melanerpes carolinus*) at Cape Hatteras National Seashore.

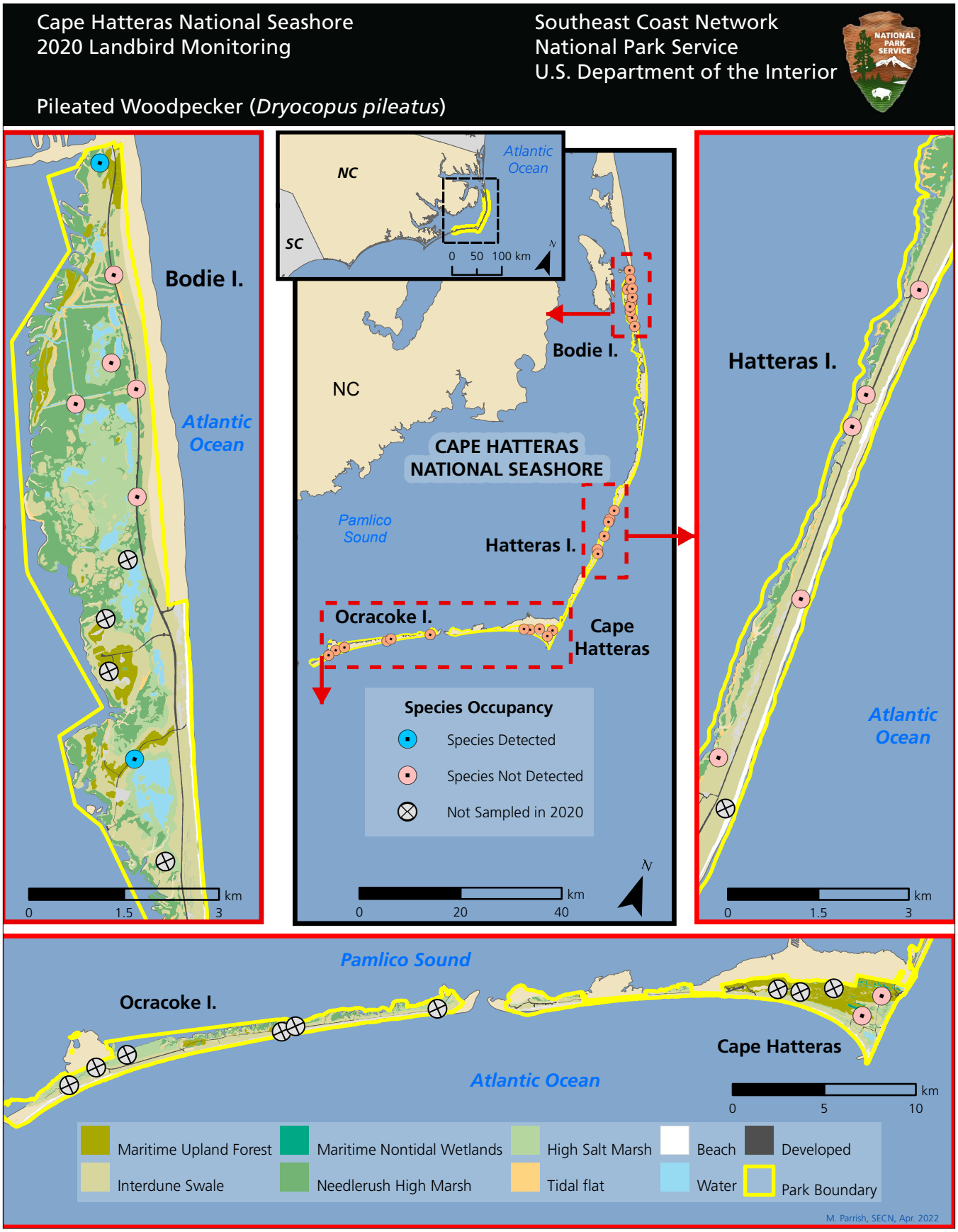


Figure 14. Vocalization detections of pileated woodpecker (*Branta canadensis*) at Cape Hatteras National Seashore.

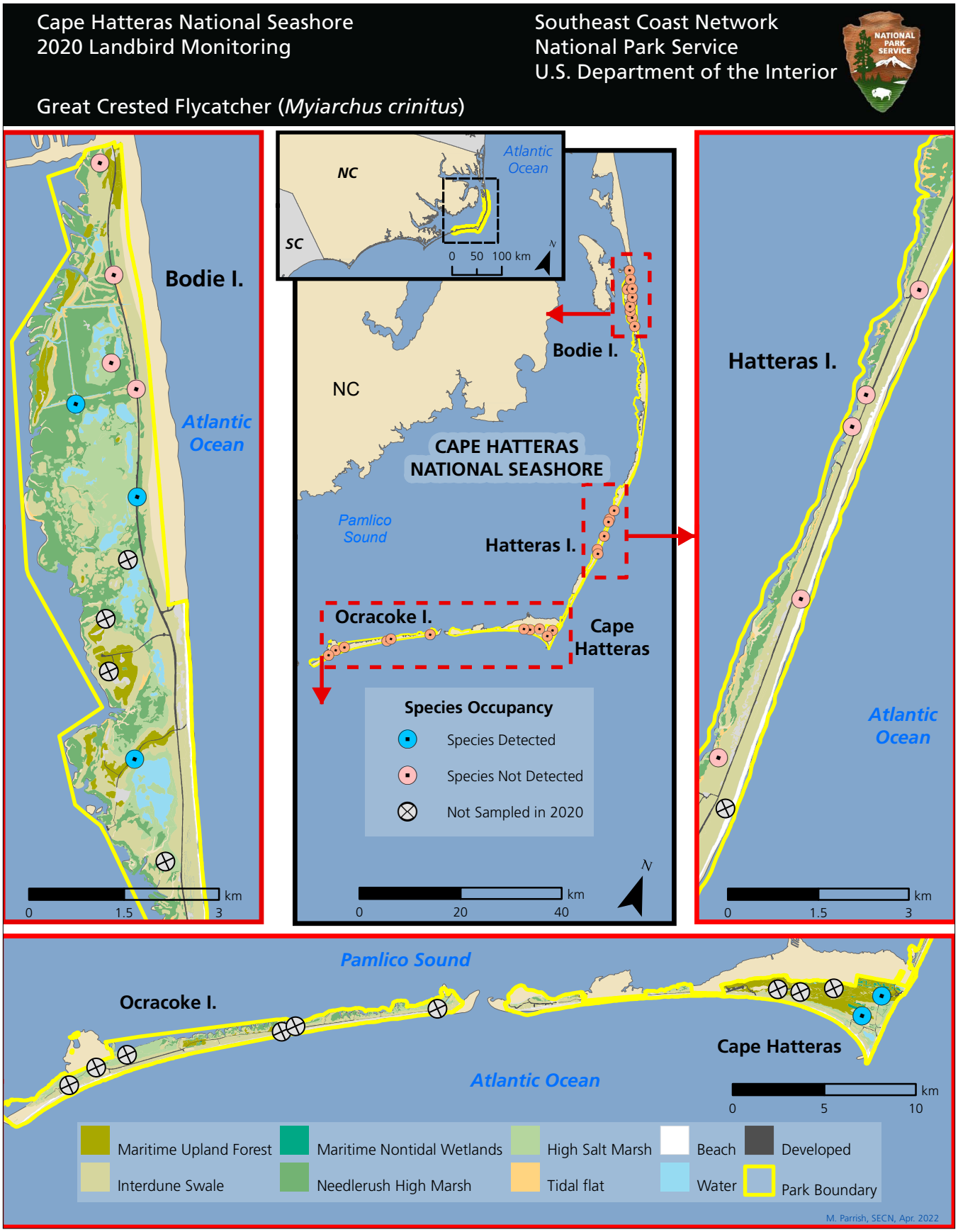


Figure 15. Vocalization detections of great crested flycatcher (*Myiarchus crinitus*) at Cape Hatteras National Seashore.

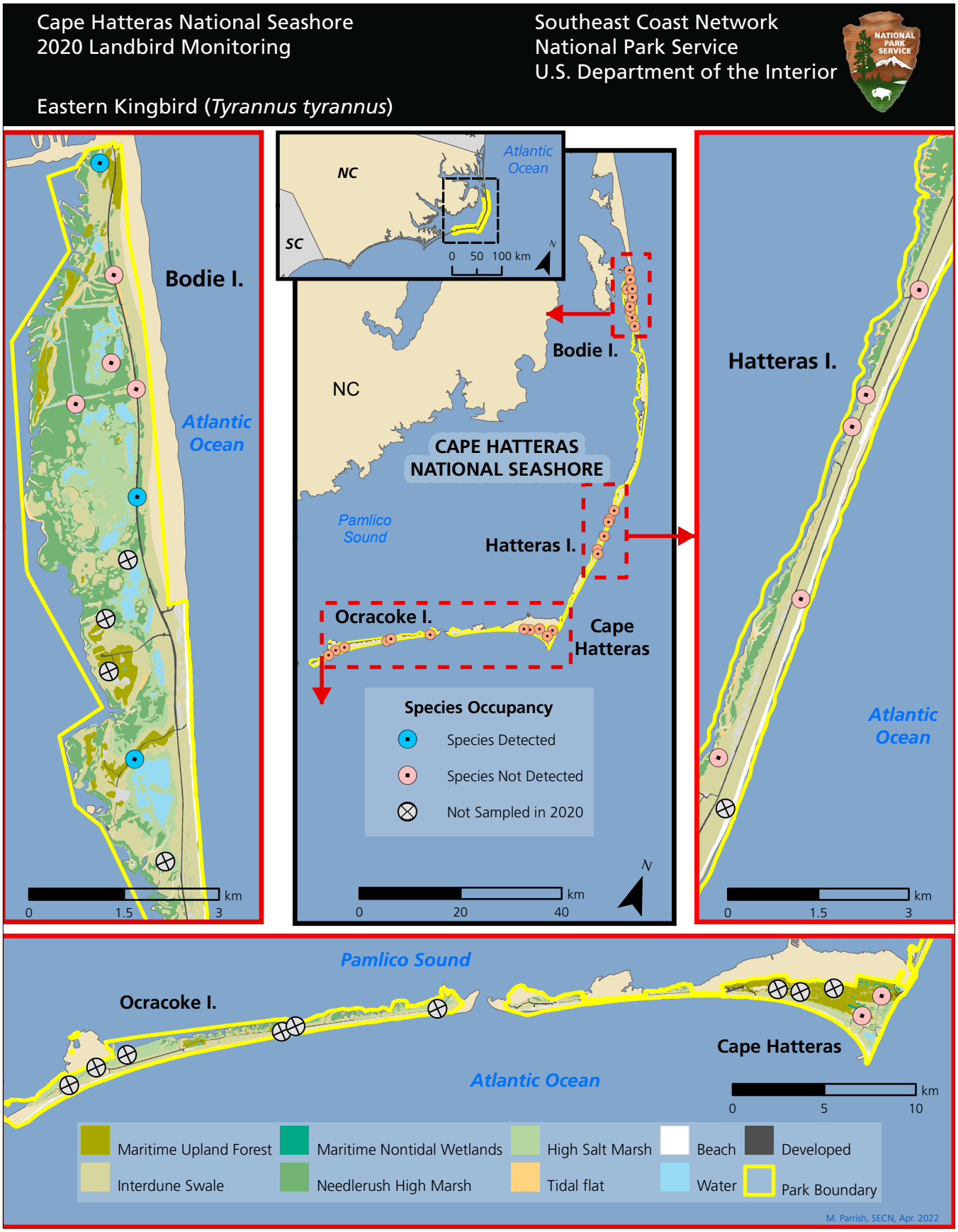


Figure 16. Vocalization detections of eastern kingbird (*Tyrannus tyrannus*) at Cape Hatteras National Seashore.

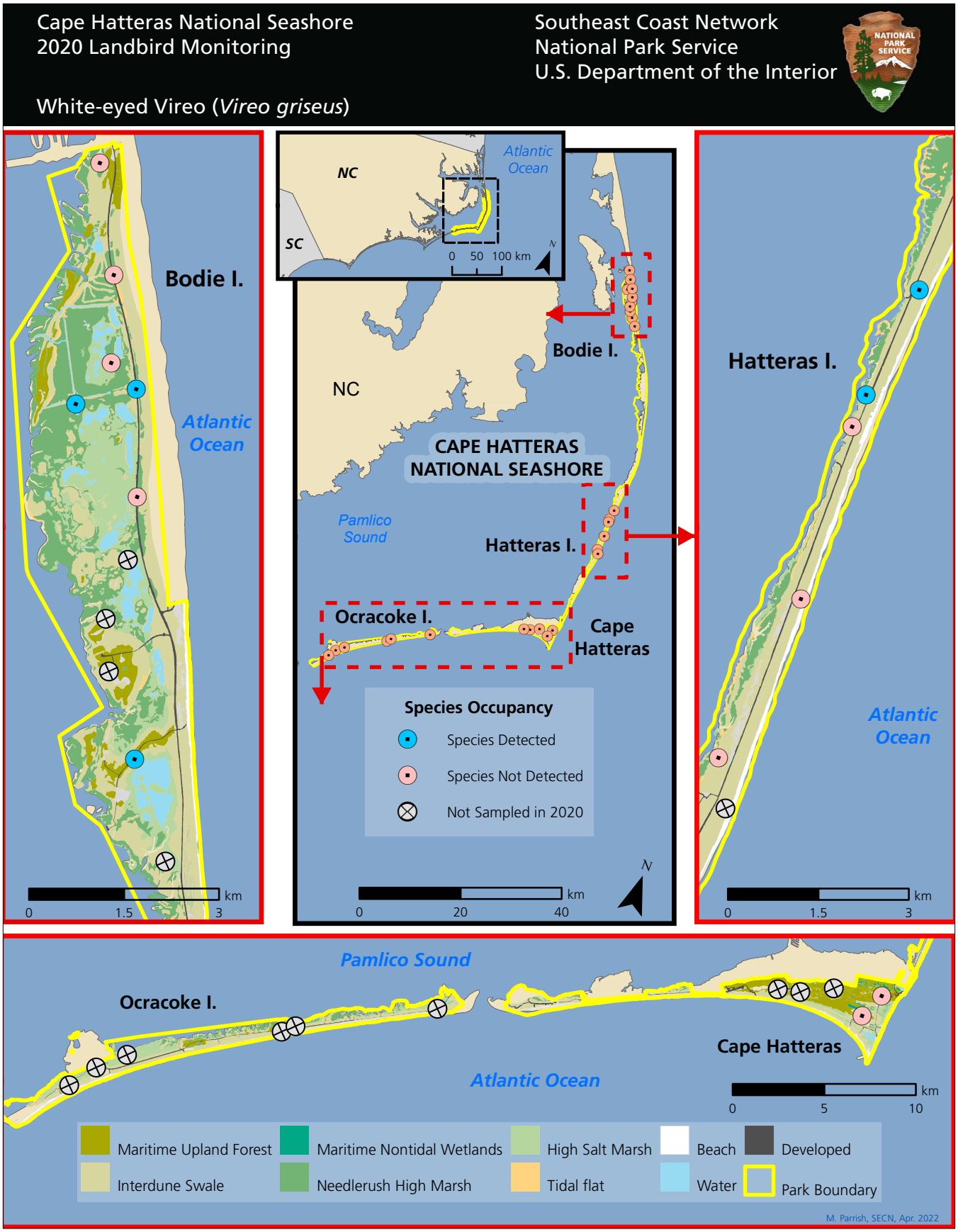


Figure 17. Vocalization detections of white-eyed vireo (*Vireo griseus*) at Cape Hatteras National Seashore.

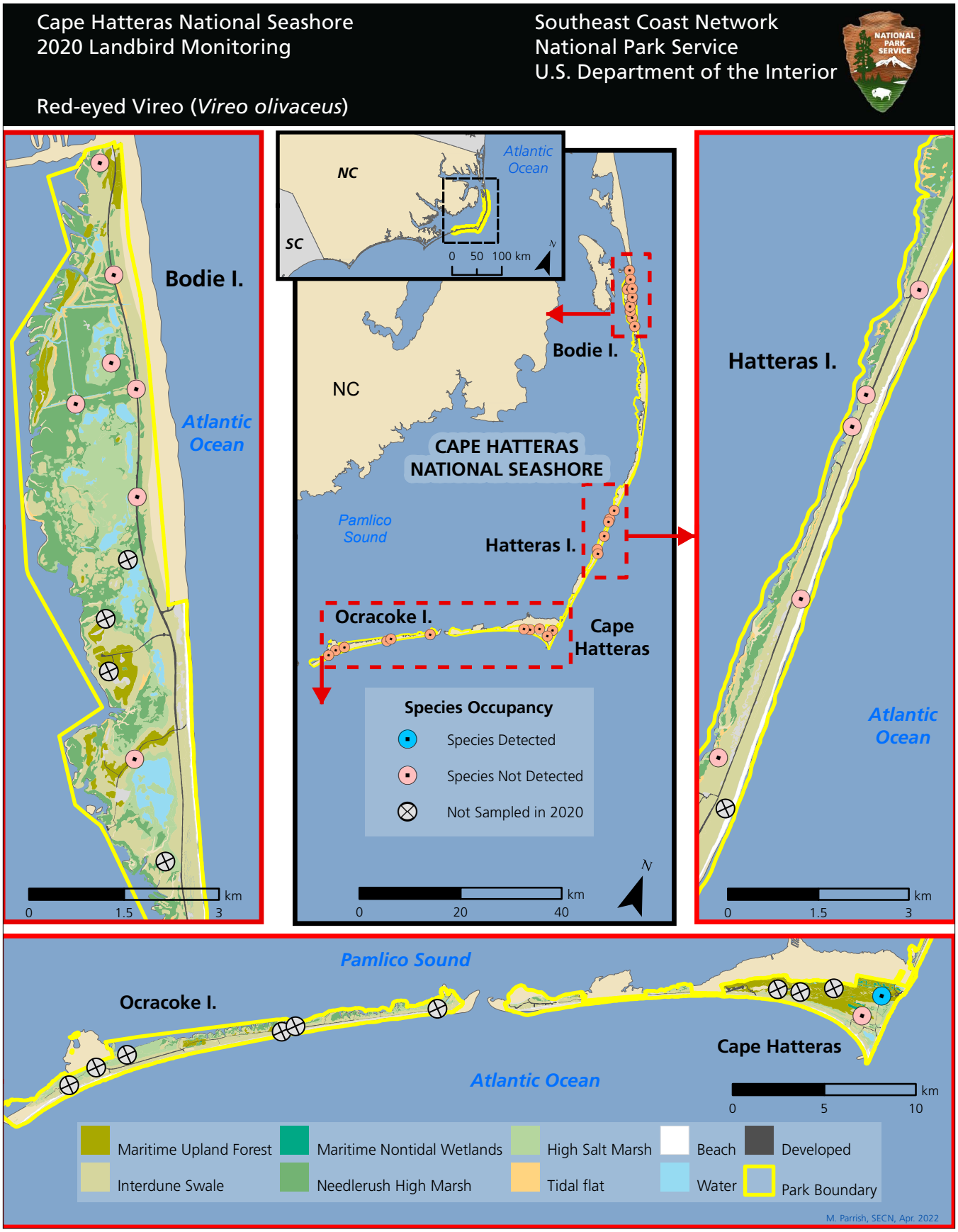


Figure 18. Vocalization detections of red-eyed vireo (*Vireo olivaceus*) at Cape Hatteras National Seashore.

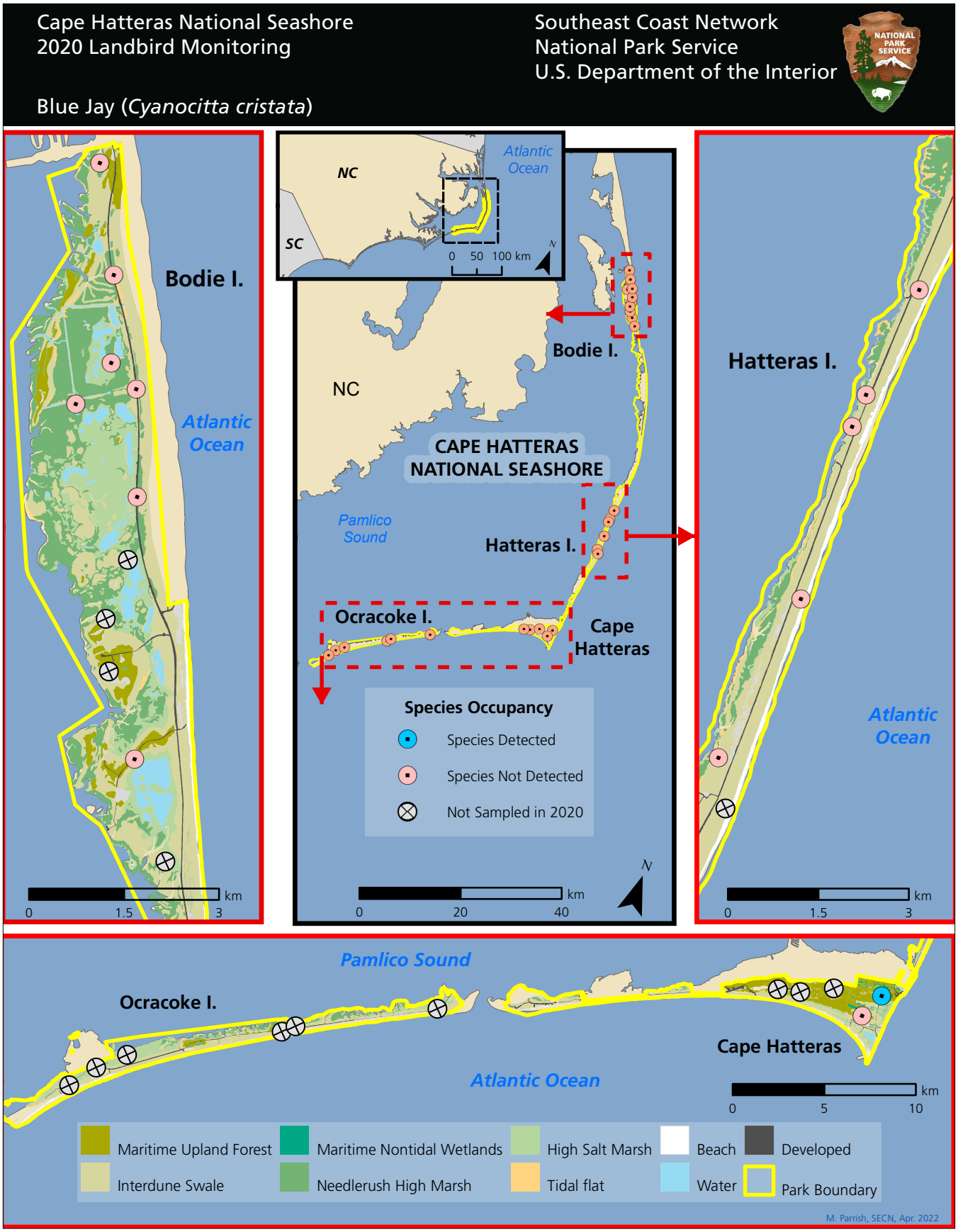


Figure 19. Vocalization detections of blue jay (*Cyanocitta cristata*) at Cape Hatteras National Seashore.

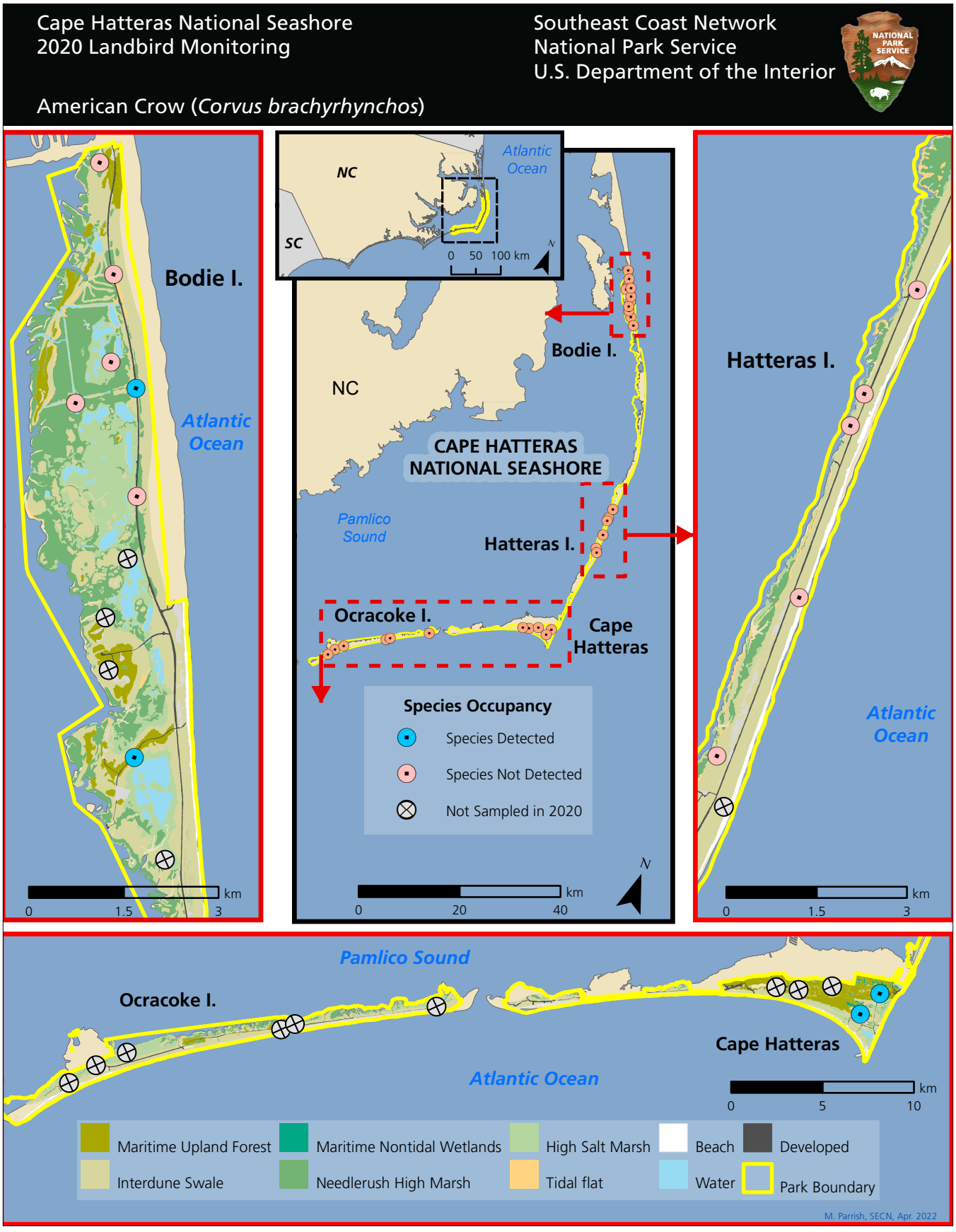


Figure 20. Vocalization detections of American crow (*Corvus brachyrhynchos*) at Cape Hatteras National Seashore.

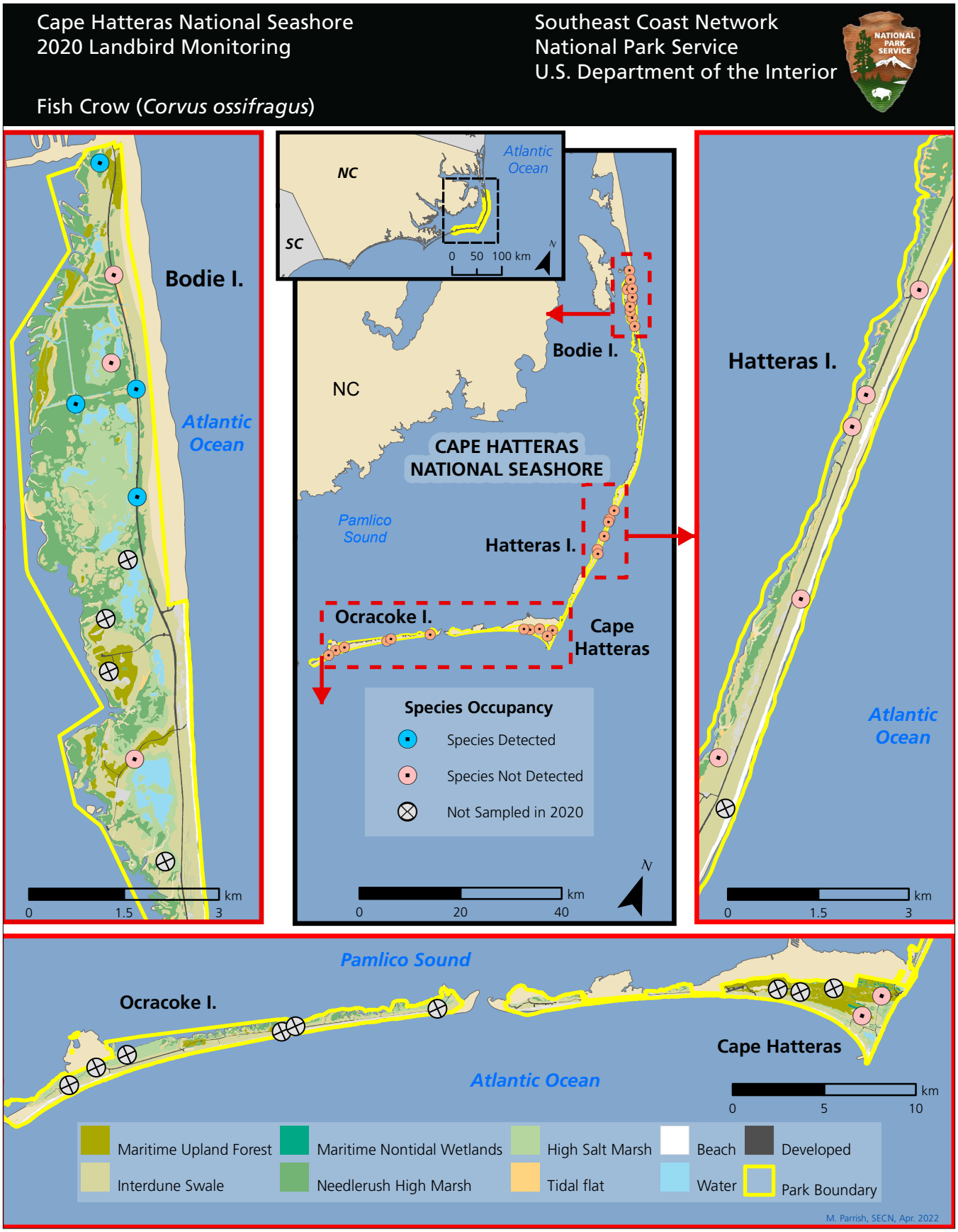


Figure 21. Vocalization detections of fish crow (*Corvus ossifragus*) at Cape Hatteras National Seashore.

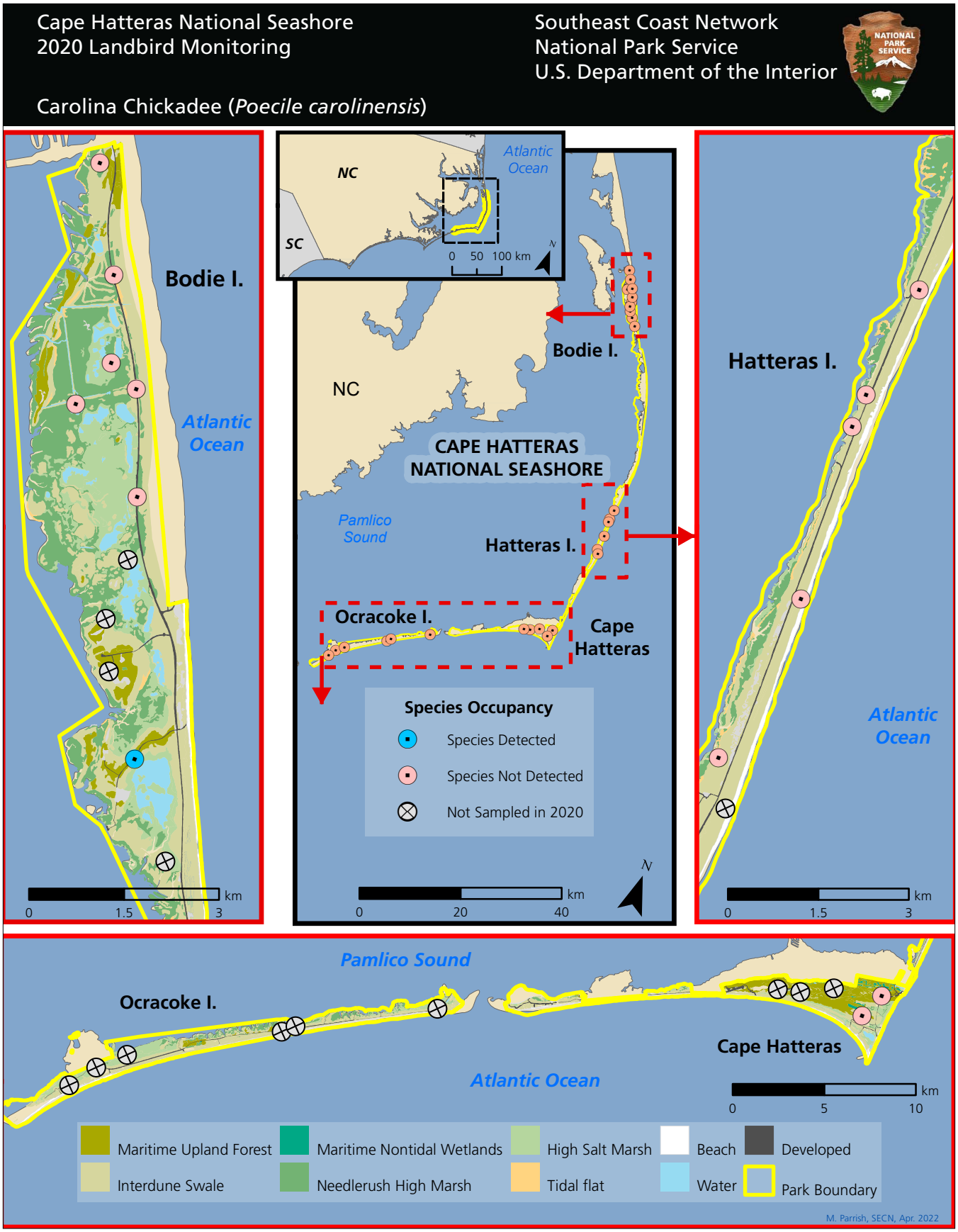


Figure 22. Vocalization detections of Carolina chickadee (*Poecile carolinensis*) at Cape Hatteras National Seashore.

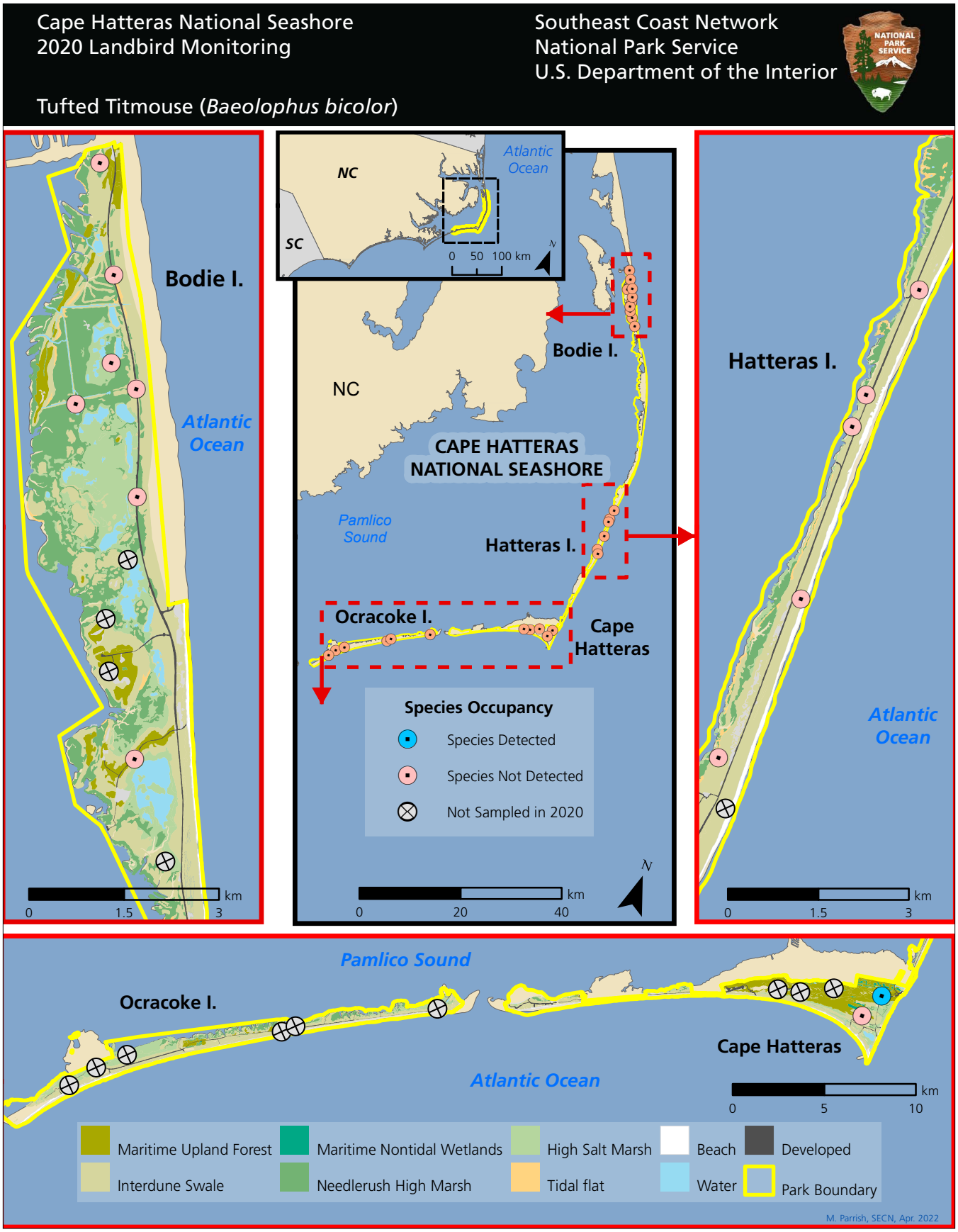


Figure 23. Vocalization detections of tufted titmouse (*Baeolophus bicolor*) at Cape Hatteras National Seashore.

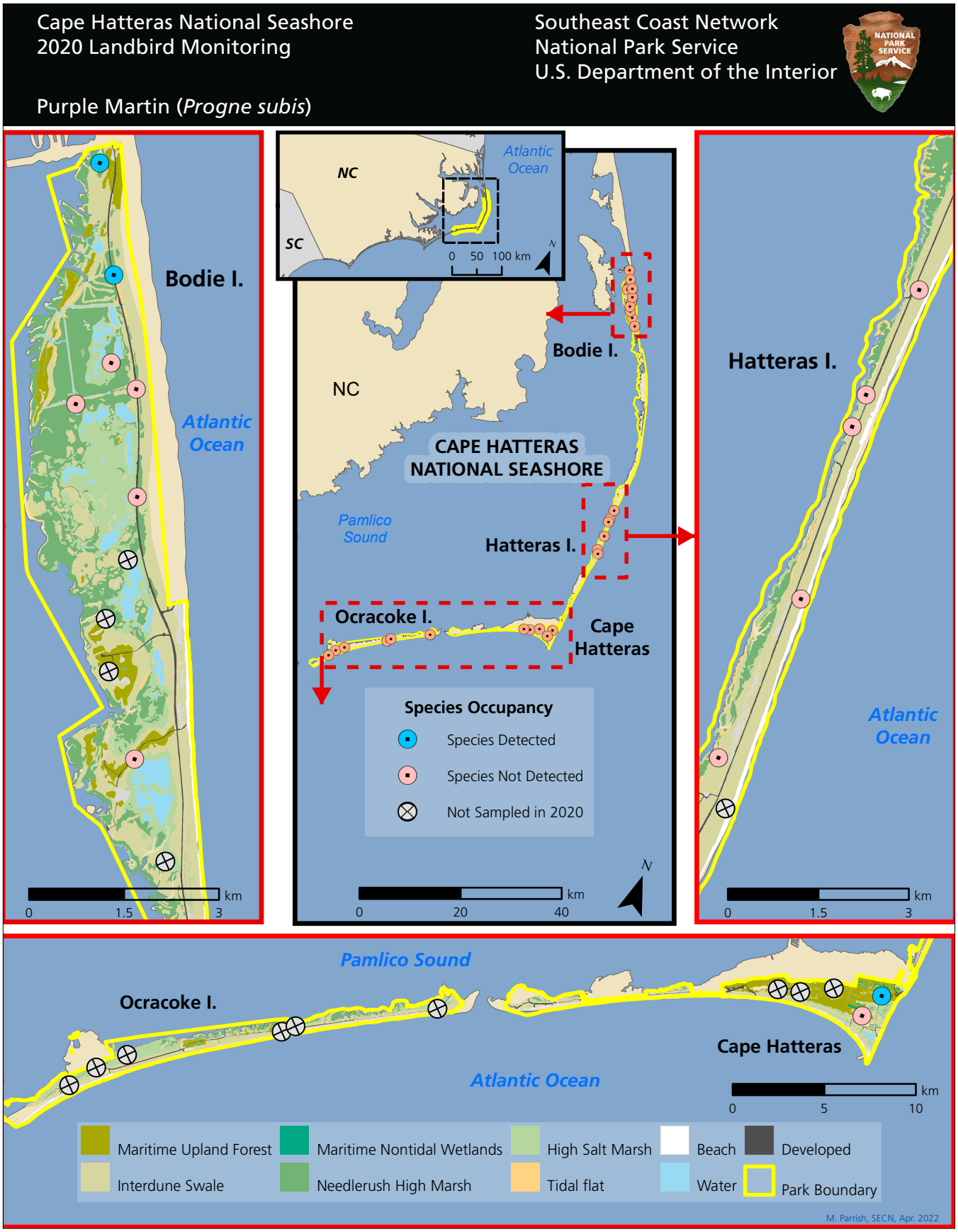


Figure 24. Vocalization detections of purple martin (*Progne subis*) at Cape Hatteras National Seashore.

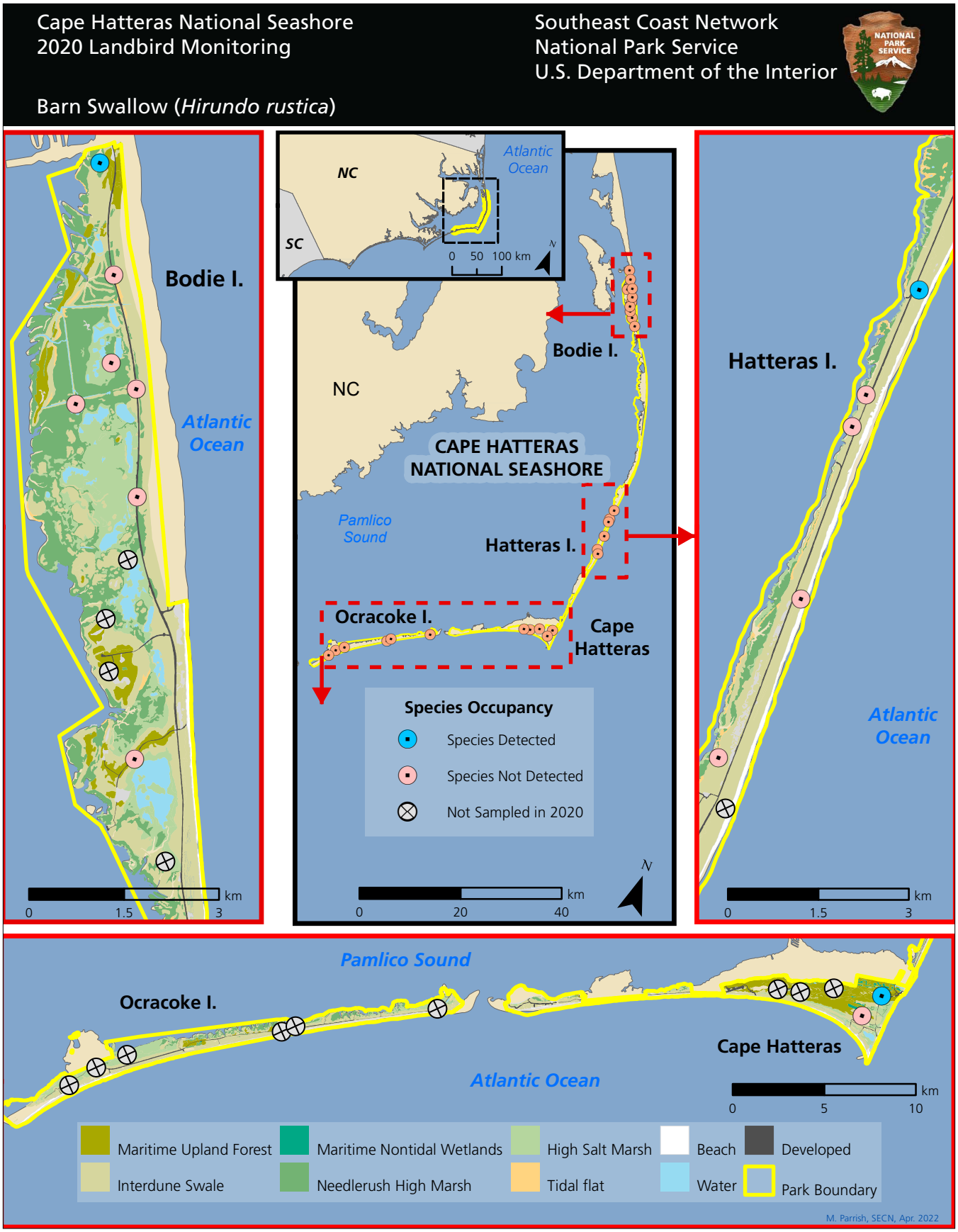


Figure 25. Vocalization detections of barn swallow (*Hirundo rustica*) at Cape Hatteras National Seashore.

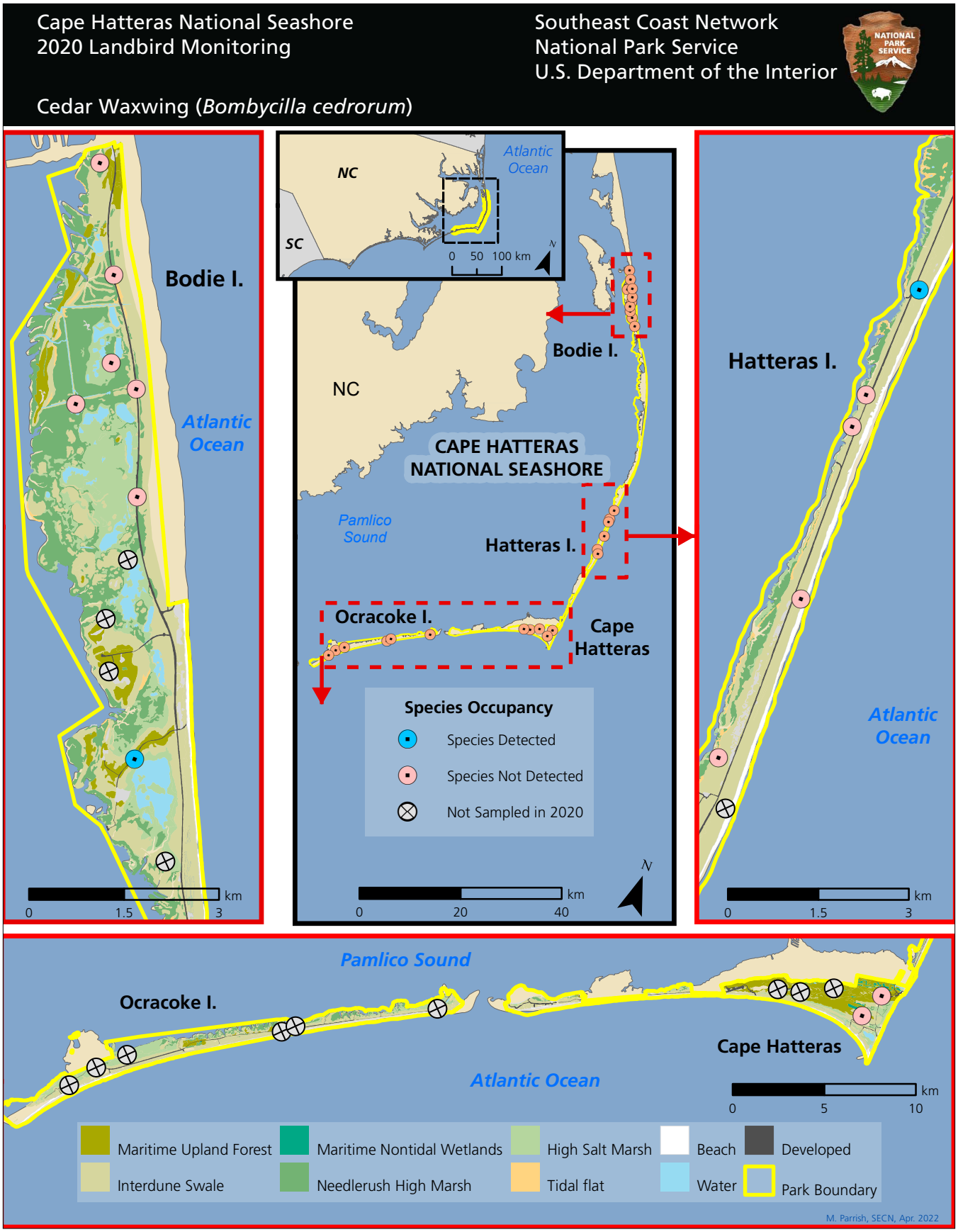


Figure 26. Vocalization detections of cedar waxwing (*Bombycilla cedrorum*) at Cape Hatteras National Seashore.

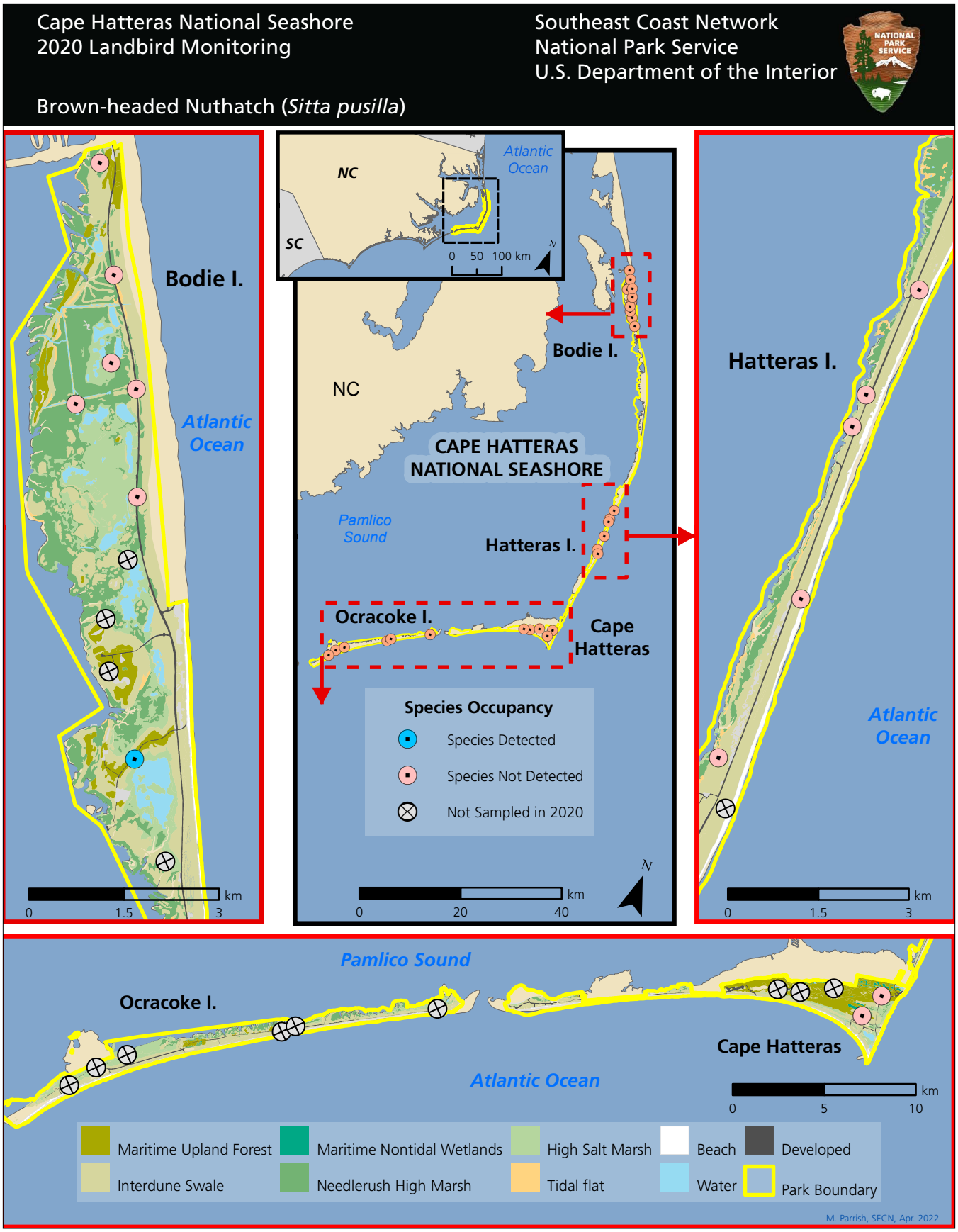


Figure 27. Vocalization detections of brown-headed nuthatch (*Sitta pusilla*) at Cape Hatteras National Seashore.

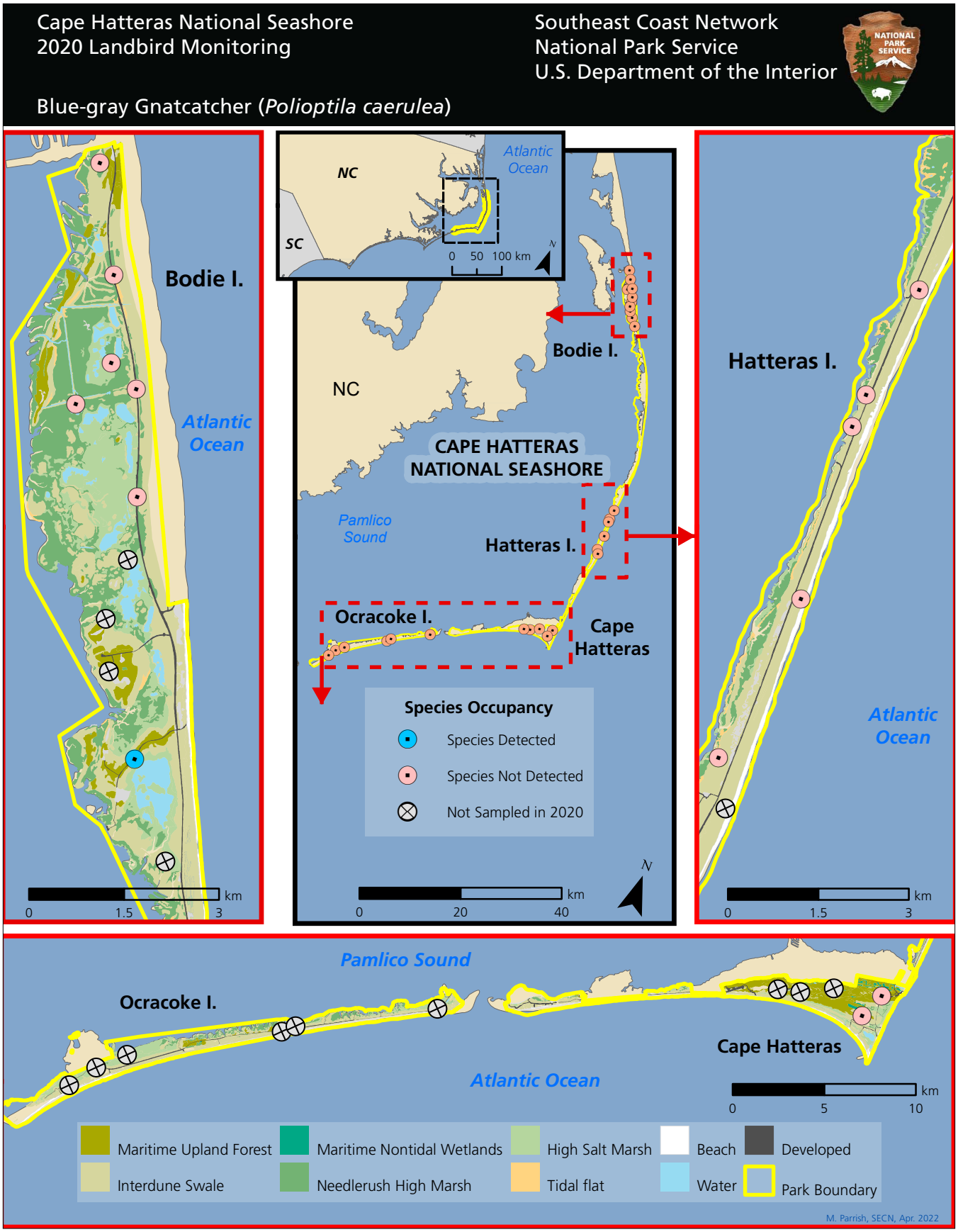


Figure 28. Vocalization detections of blue-gray gnatcatcher (*Polioptila caerulea*) at Cape Hatteras National Seashore.

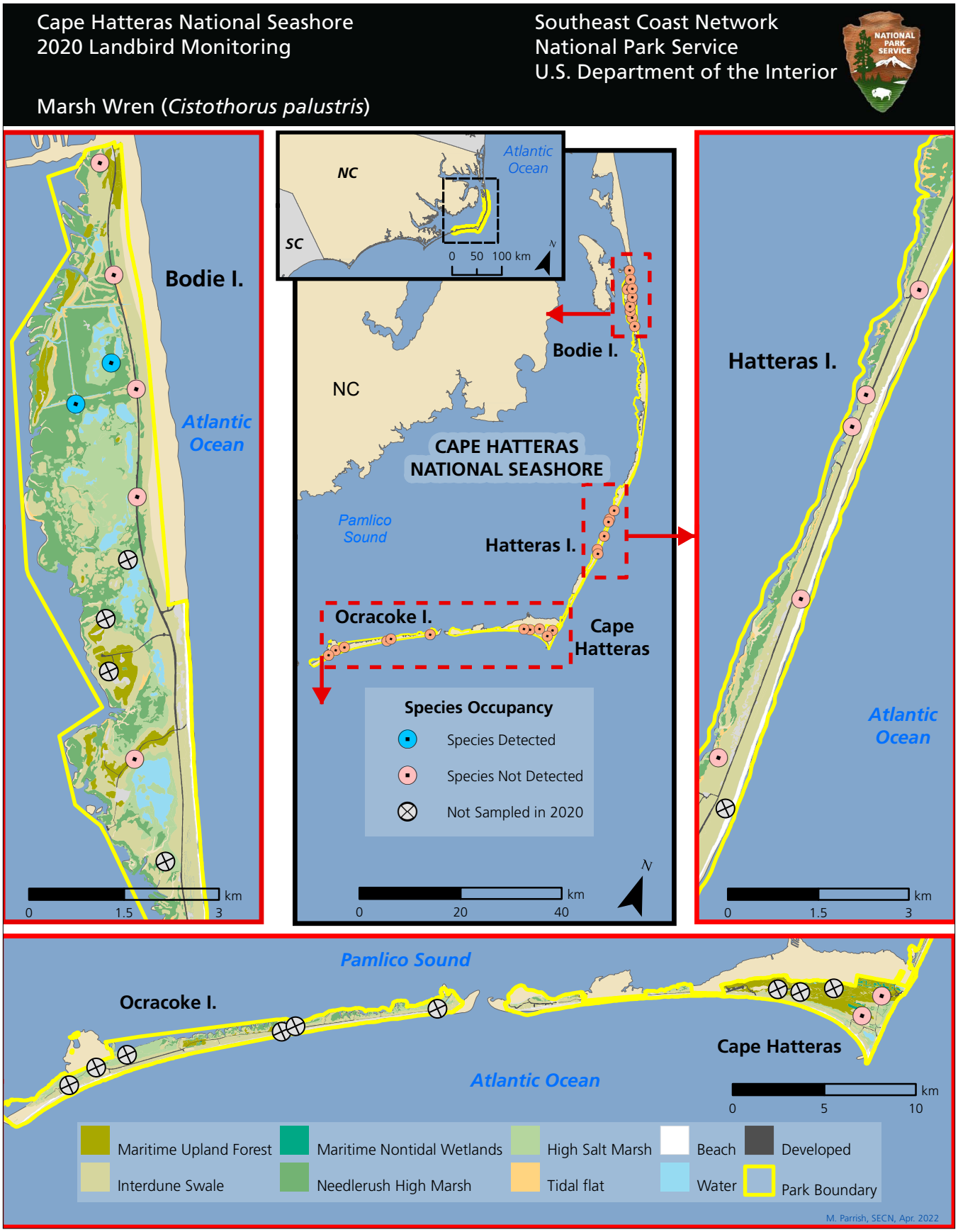


Figure 29. Vocalization detections of marsh wren (*Cistothorus palustris*) at Cape Hatteras National Seashore.

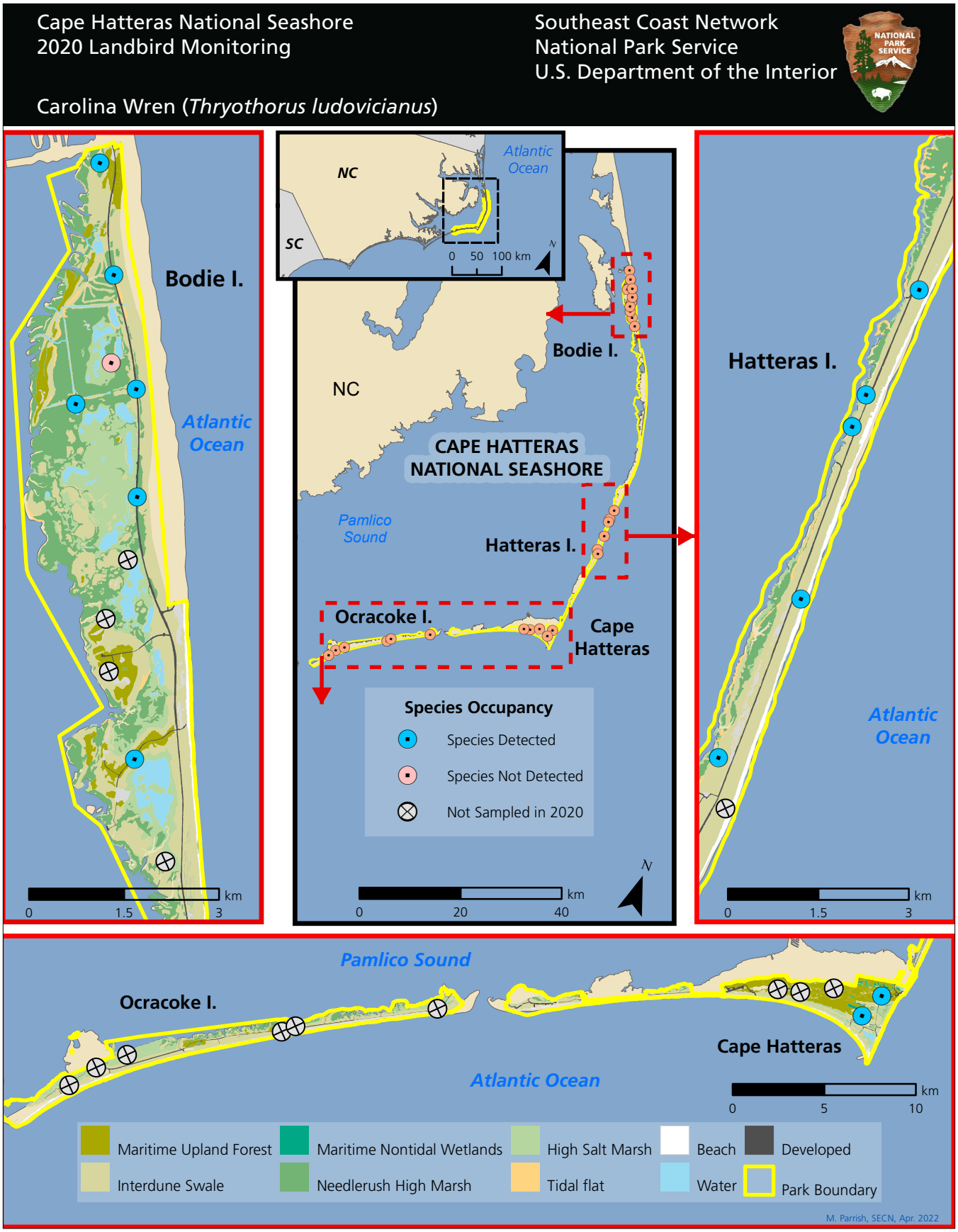


Figure 30. Vocalization detections of Carolina wren (*Thryothorus ludovicianus*) at Cape Hatteras National Seashore.

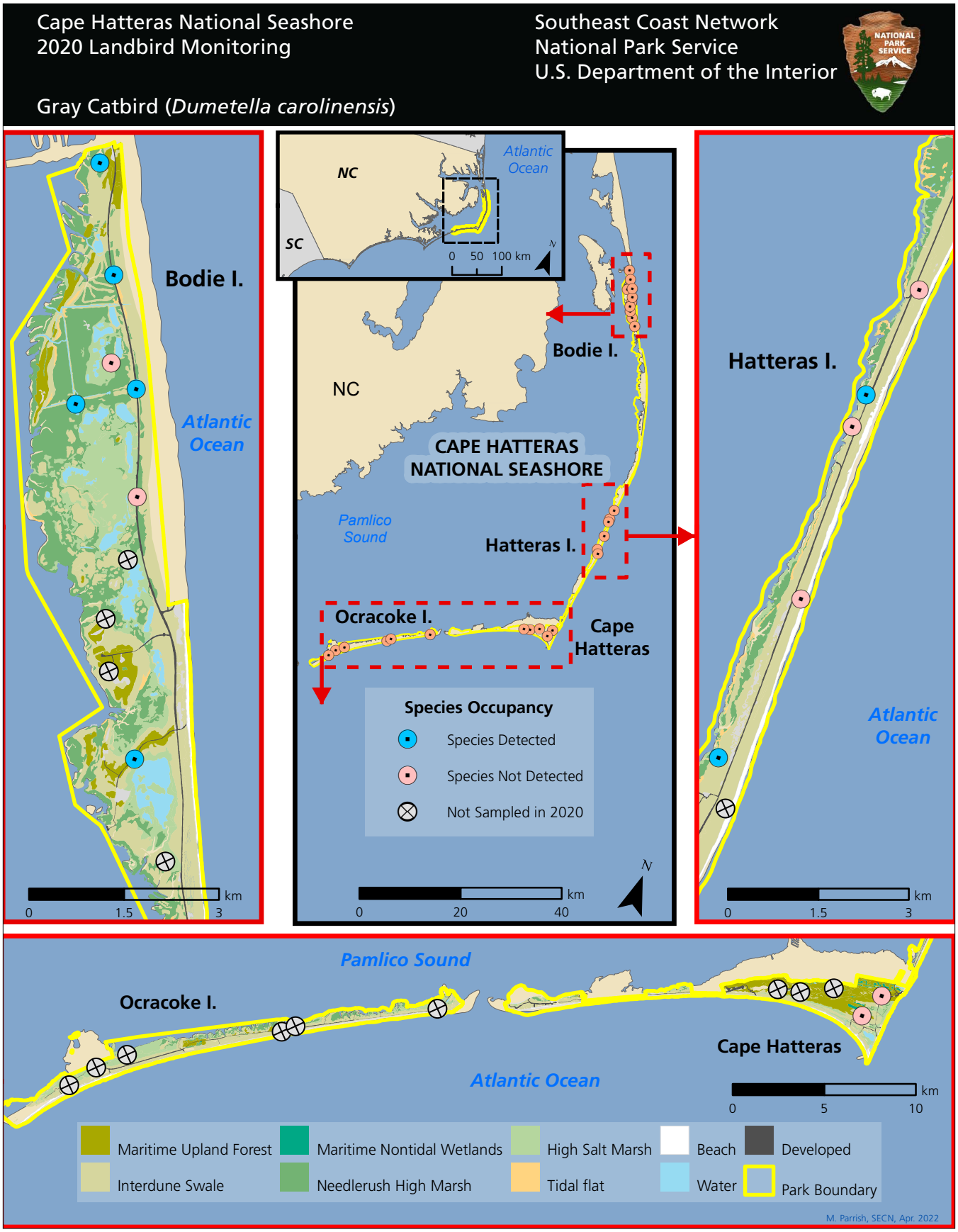


Figure 31. Vocalization detections of gray catbird (*Dumetella carolinensis*) at Cape Hatteras National Seashore.

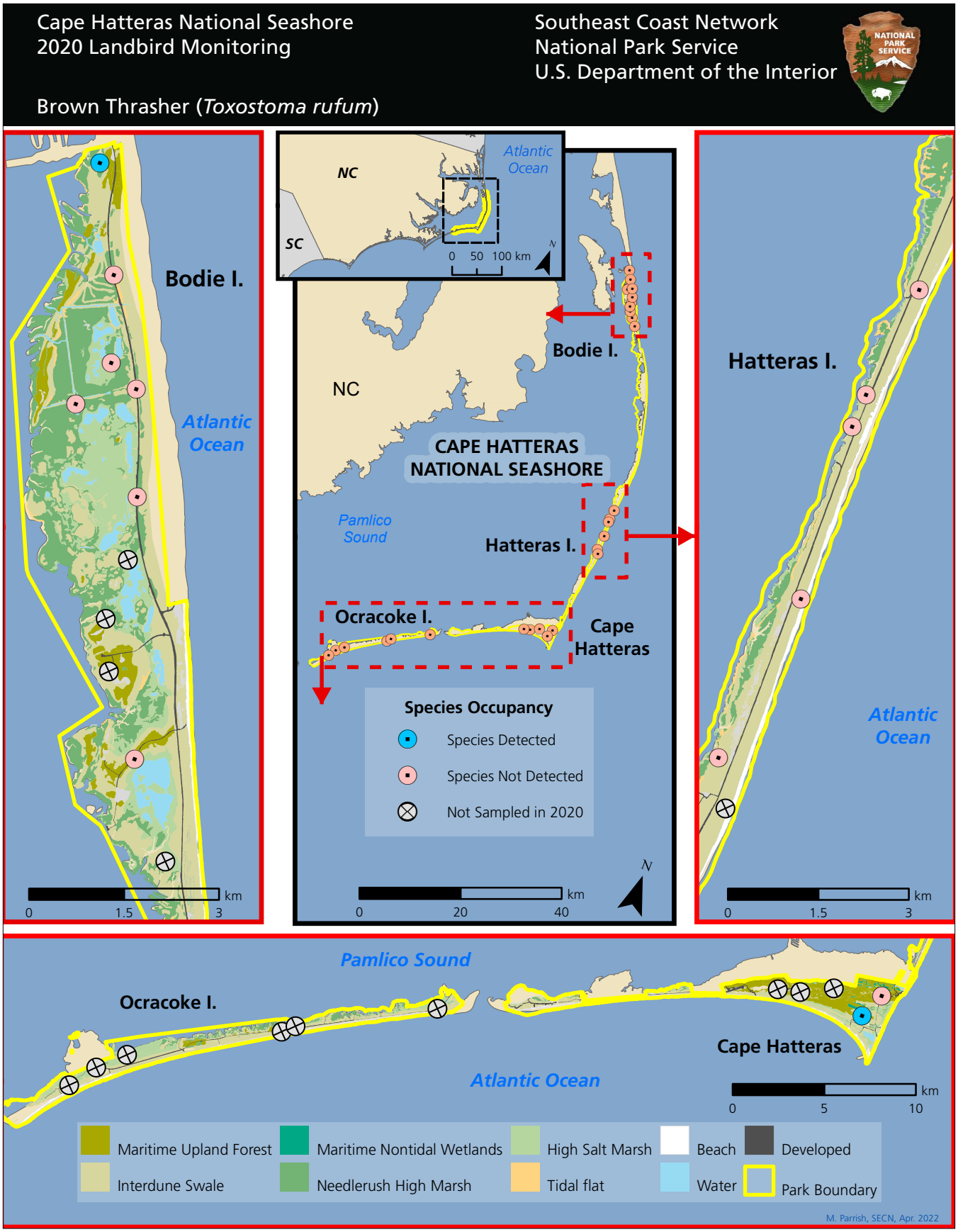


Figure 32. Vocalization detections of brown thrasher (*Toxostoma rufum*) at Cape Hatteras National Seashore.

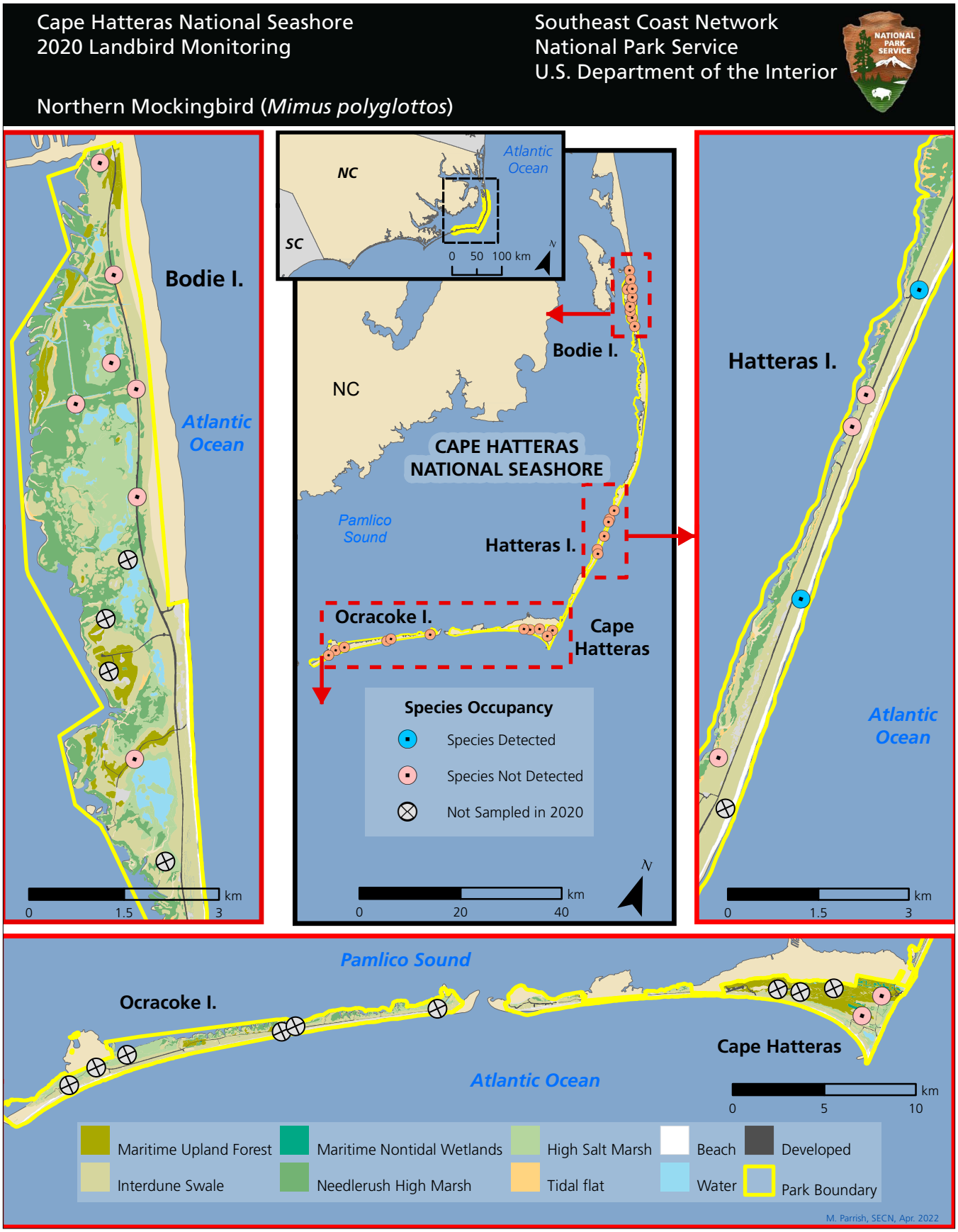


Figure 33. Vocalization detections of northern mockingbird (*Mimus polyglottos*) at Cape Hatteras National Seashore.

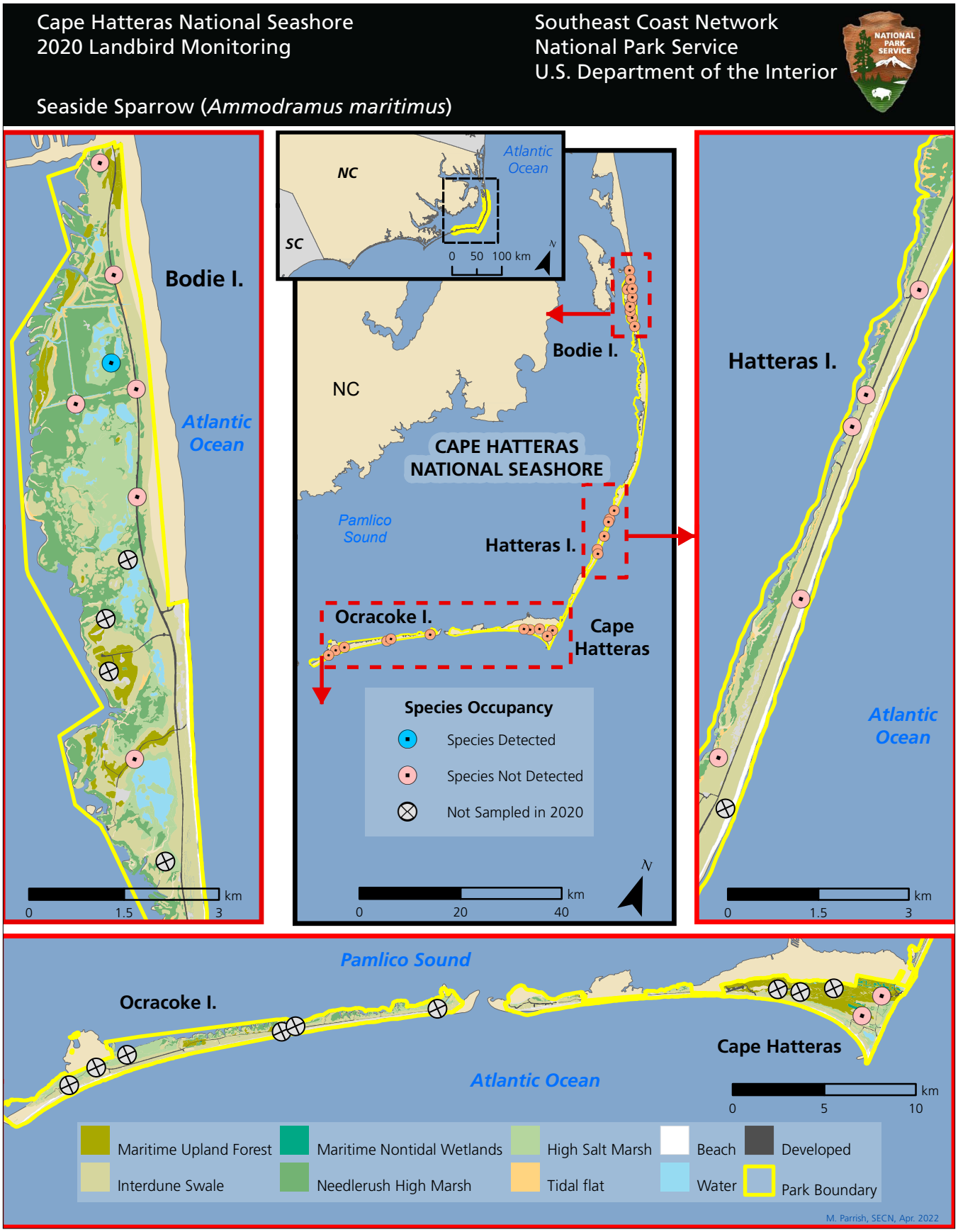


Figure 34. Vocalization detections of seaside sparrow (*Ammodramus maritimus*) at Cape Hatteras National Seashore.

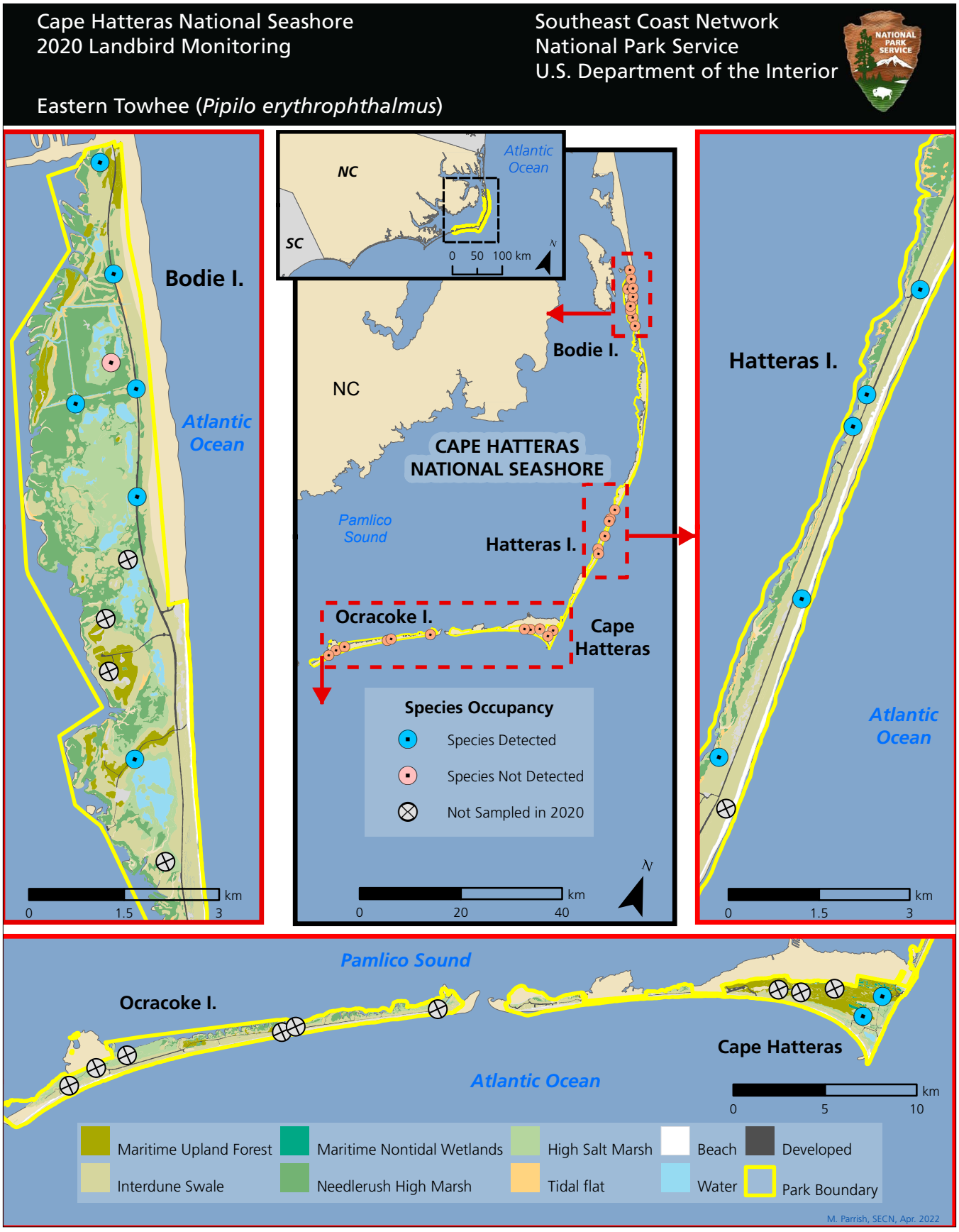


Figure 35. Vocalization detections of eastern towhee (*Pipilo erythrophthalmus*) at Cape Hatteras National Seashore.

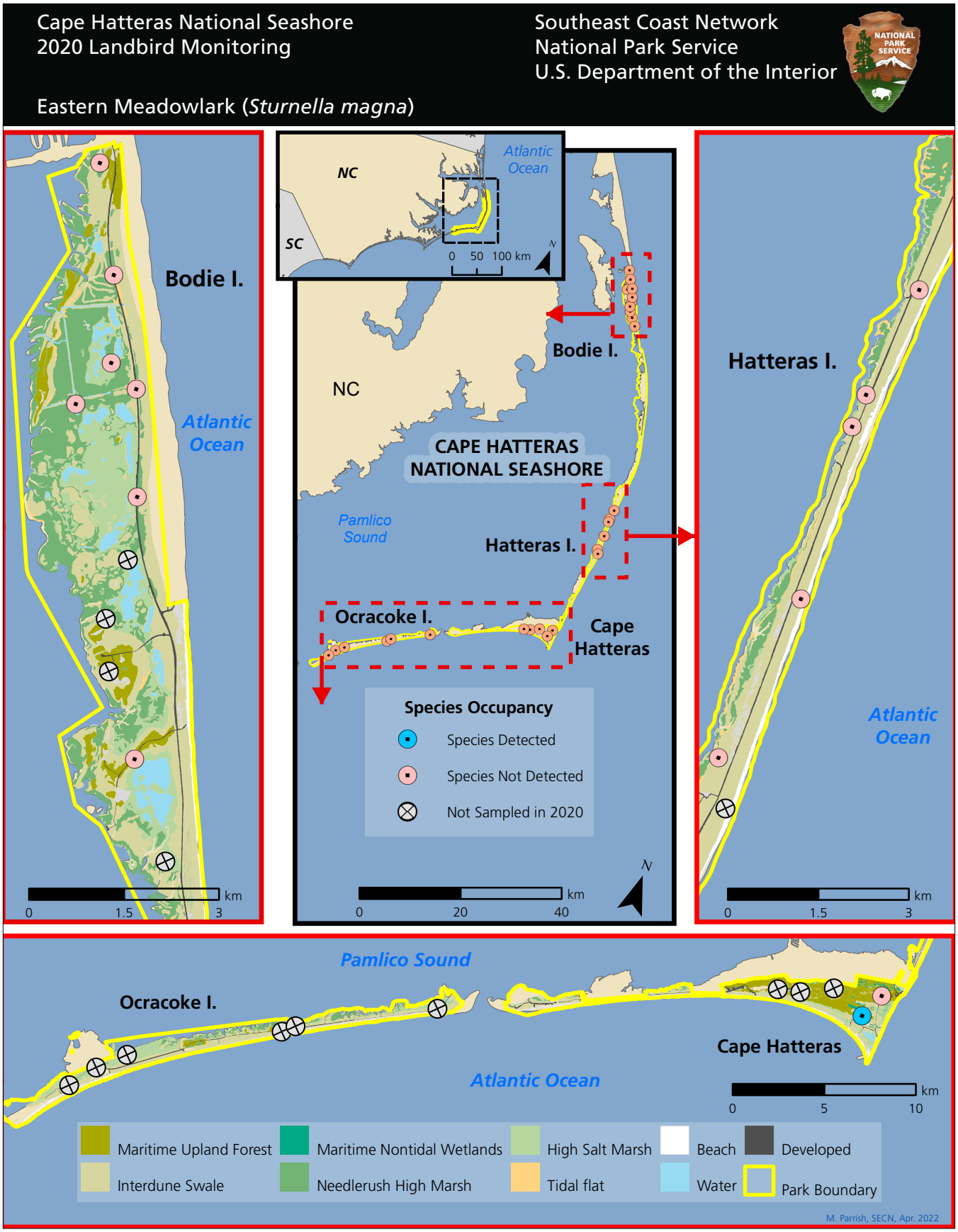


Figure 36. Vocalization detections of eastern meadowlark (*Sturnella magna*) at Cape Hatteras National Seashore.

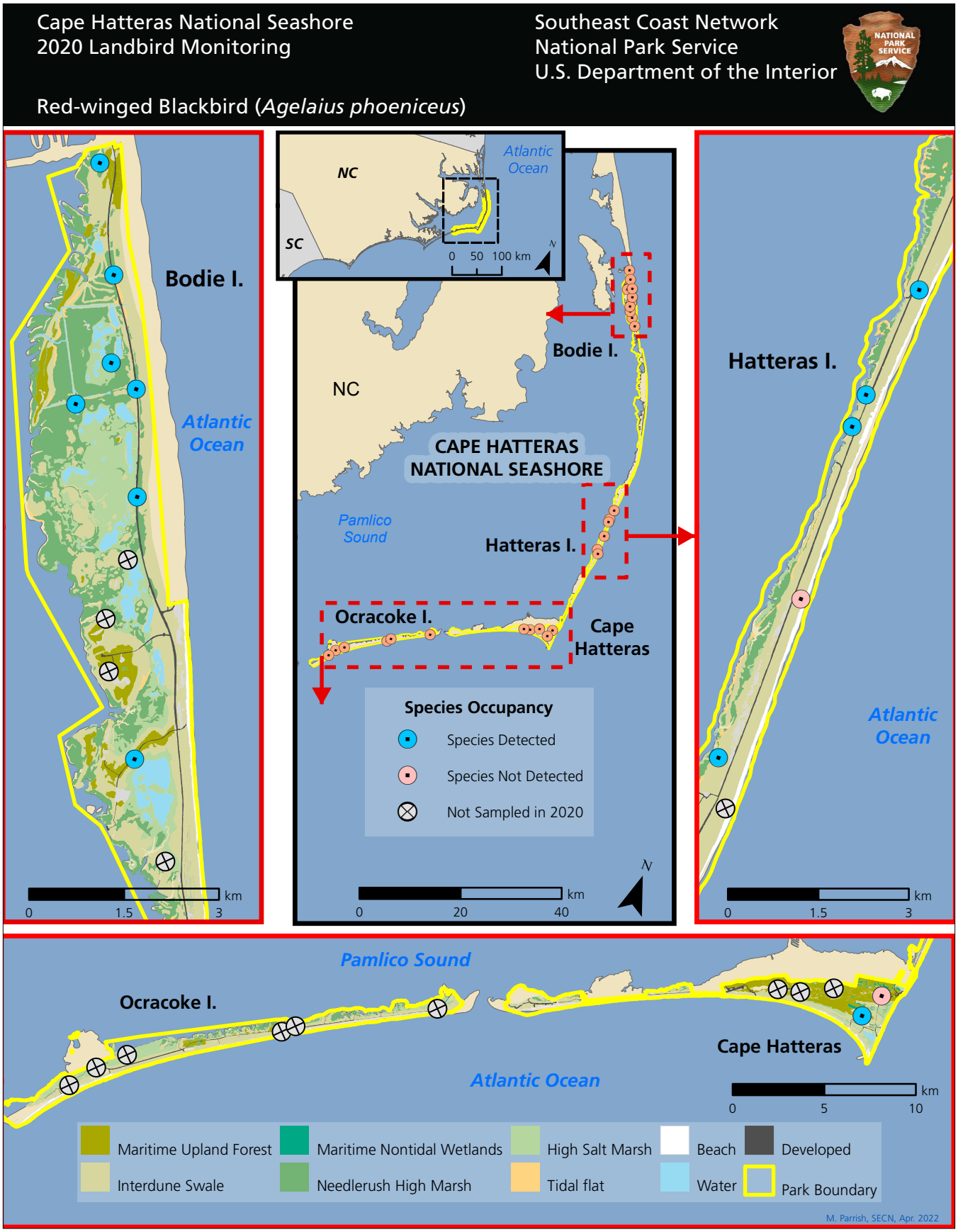


Figure 37. Vocalization detections of red-winged blackbird (*Agelaius phoeniceus*) at Cape Hatteras National Seashore.

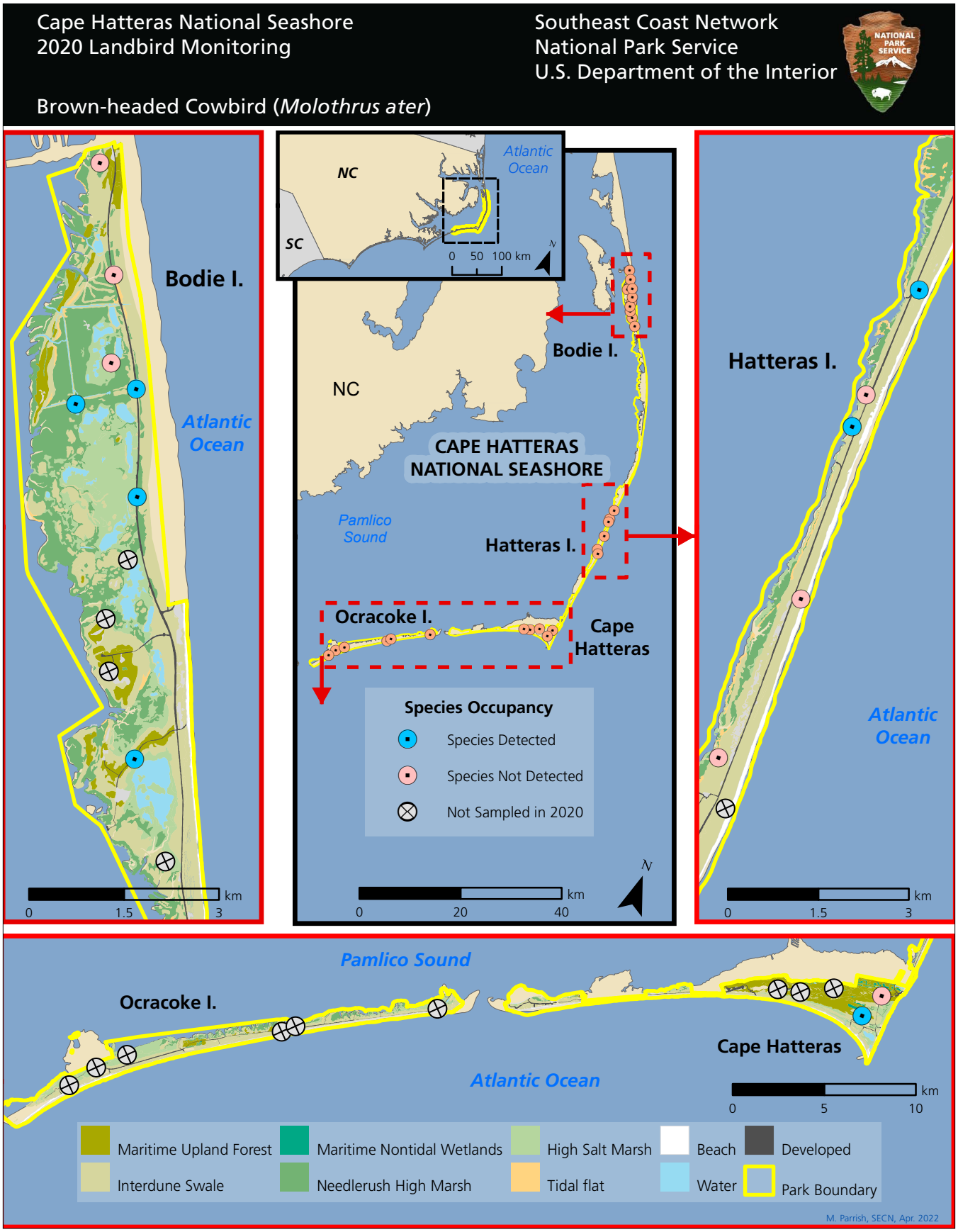


Figure 38. Vocalization detections of brown-headed cowbird (*Molothrus ater*) at Cape Hatteras National Seashore.

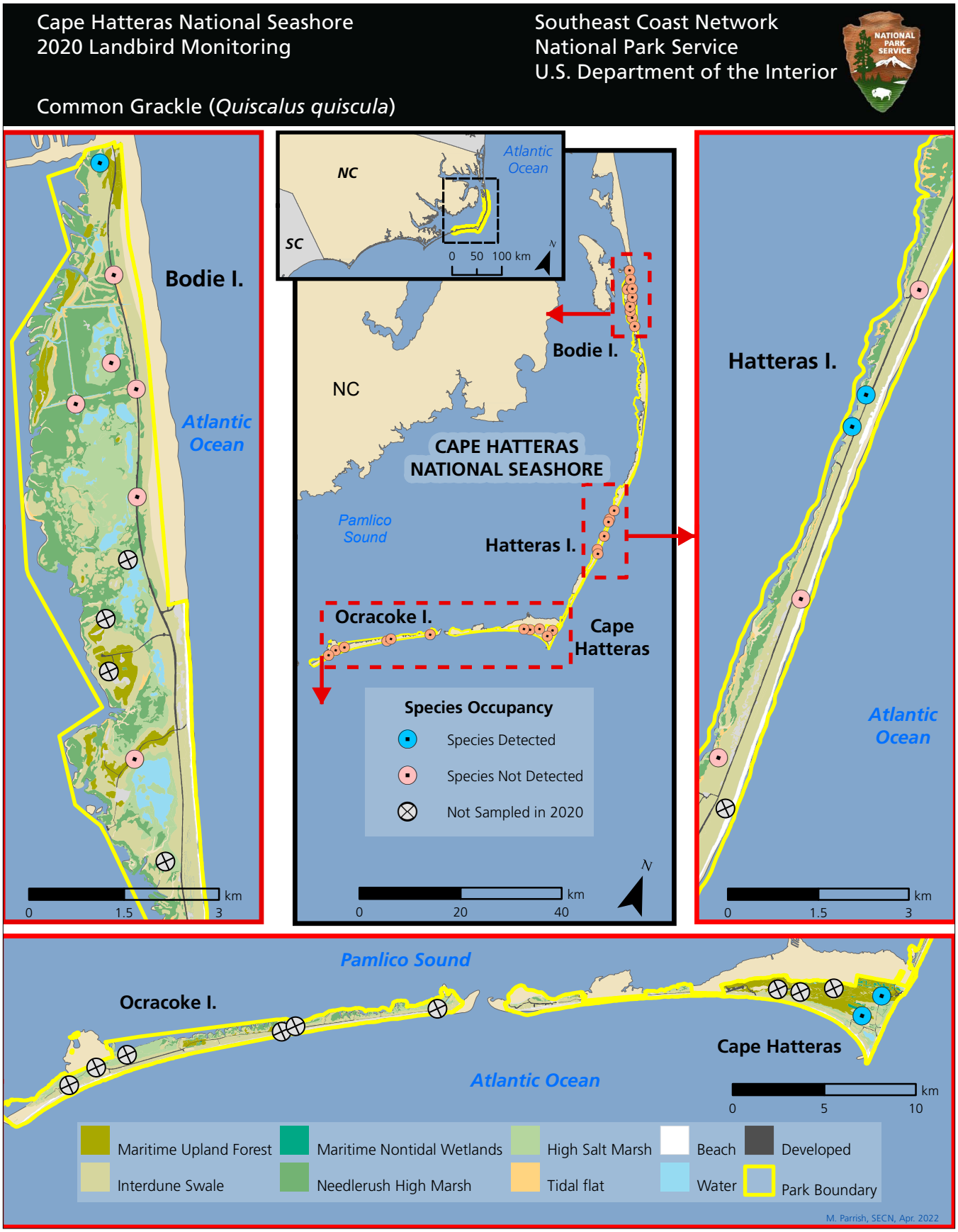


Figure 39. Vocalization detections of common grackle (*Quiscalus quiscula*) at Cape Hatteras National Seashore.

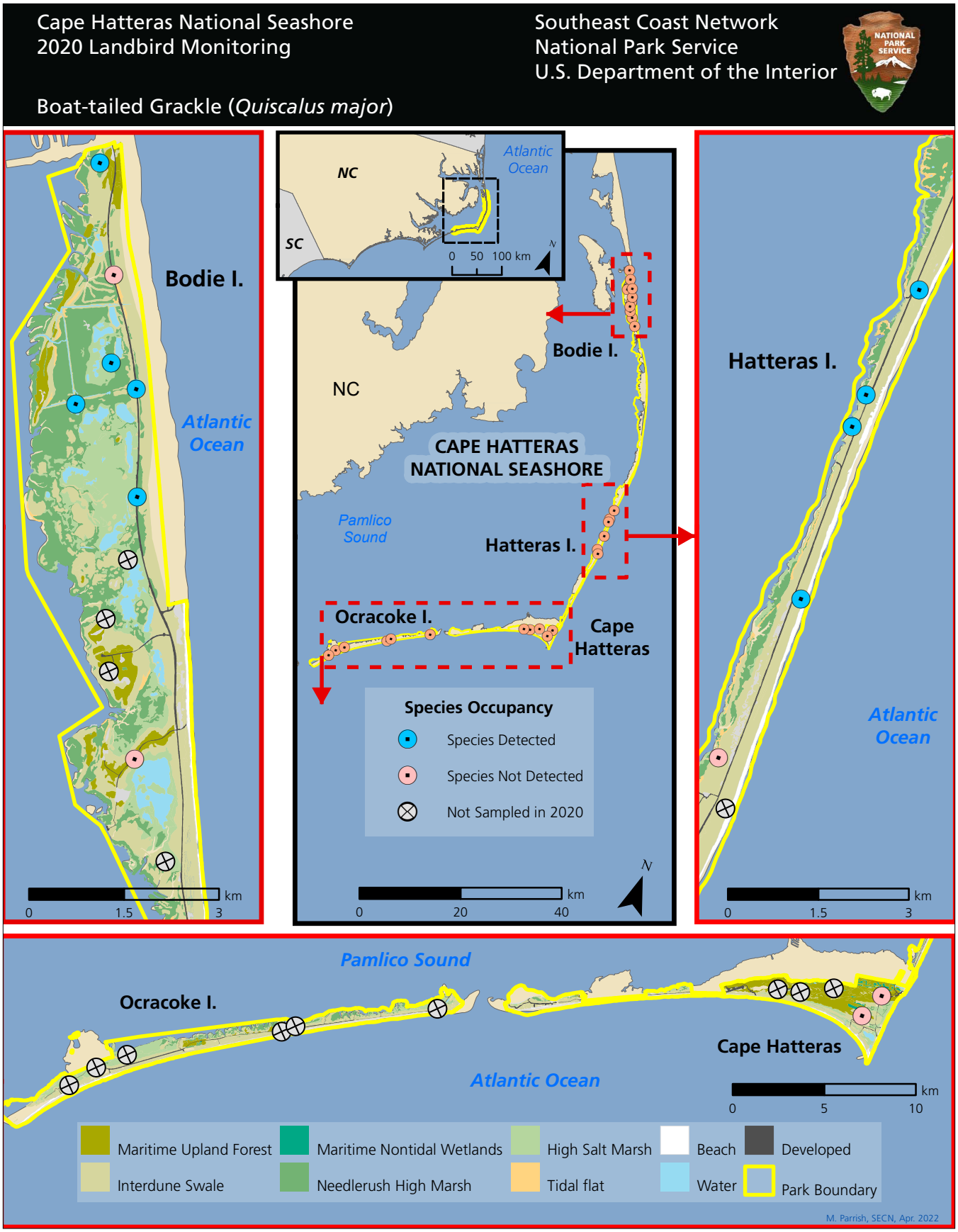


Figure 40. Vocalization detections of boat-tailed grackle (*Quiscalus major*) at Cape Hatteras National Seashore.

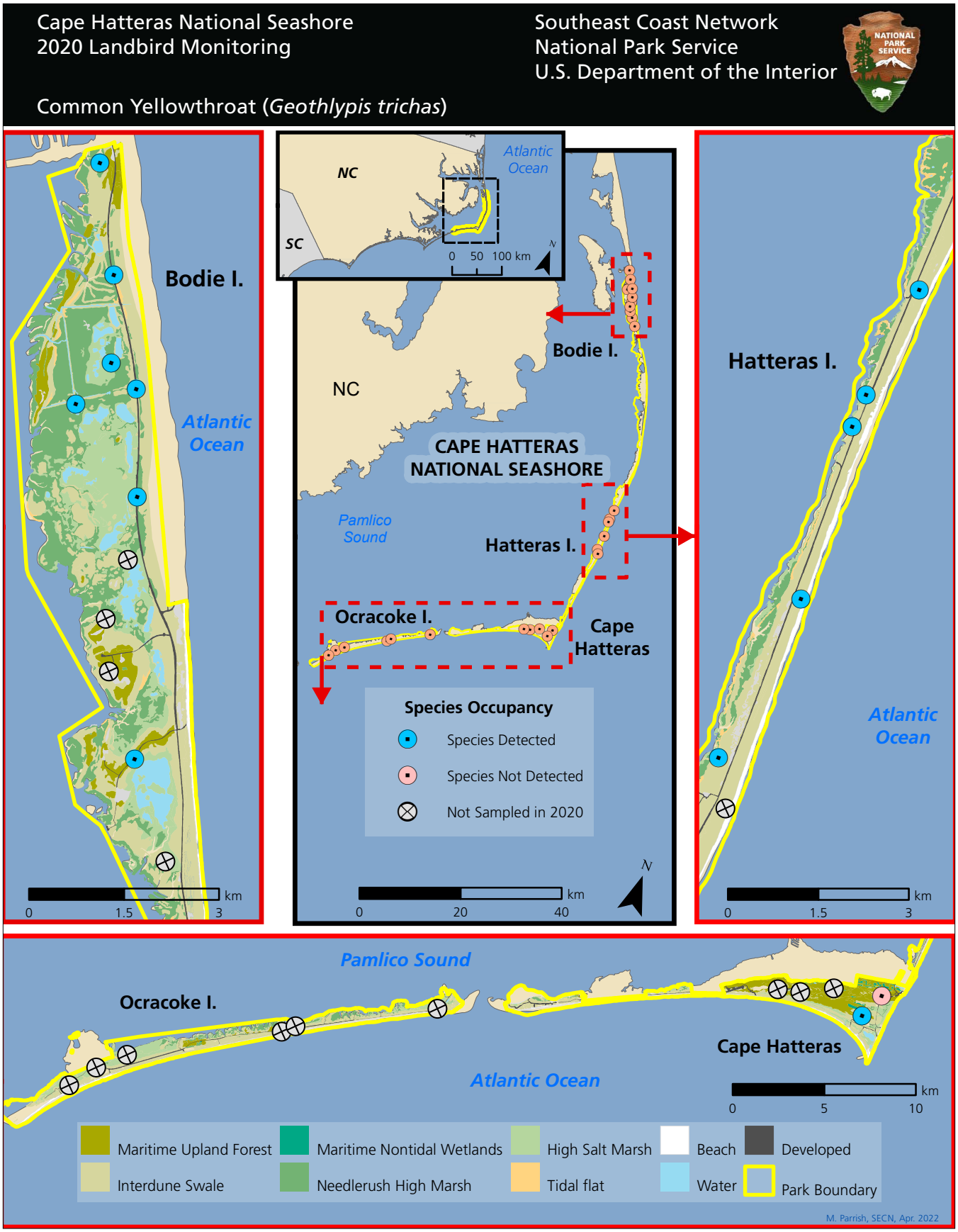


Figure 41. Vocalization detections of common yellowthroat (*Geothlypis trichas*) at Cape Hatteras National Seashore.

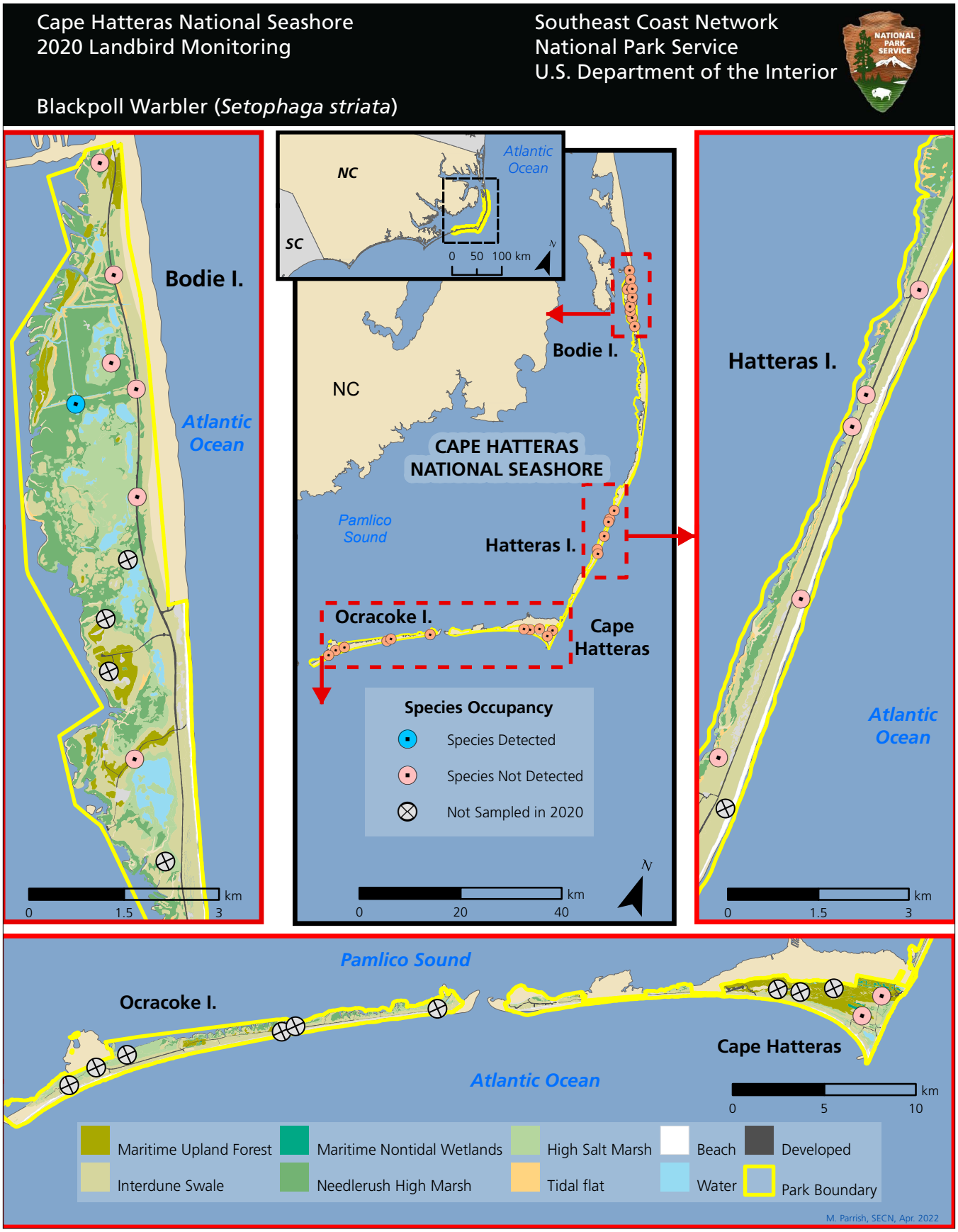


Figure 42. Vocalization detections of blackpoll warbler (*Setophaga striata*) at Cape Hatteras National Seashore.

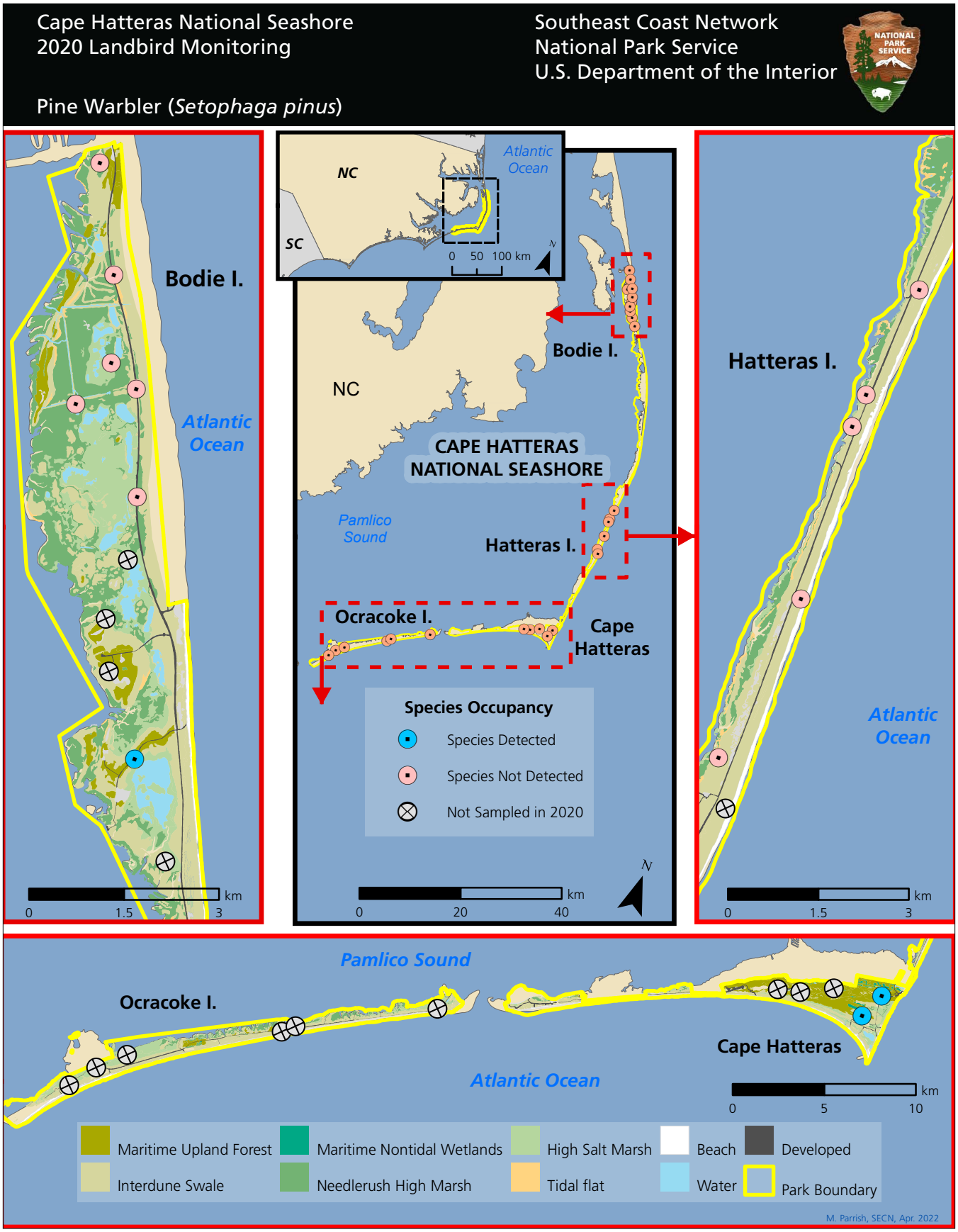


Figure 43. Vocalization detections of pine warbler (*Setophaga pinus*) at Cape Hatteras National Seashore.

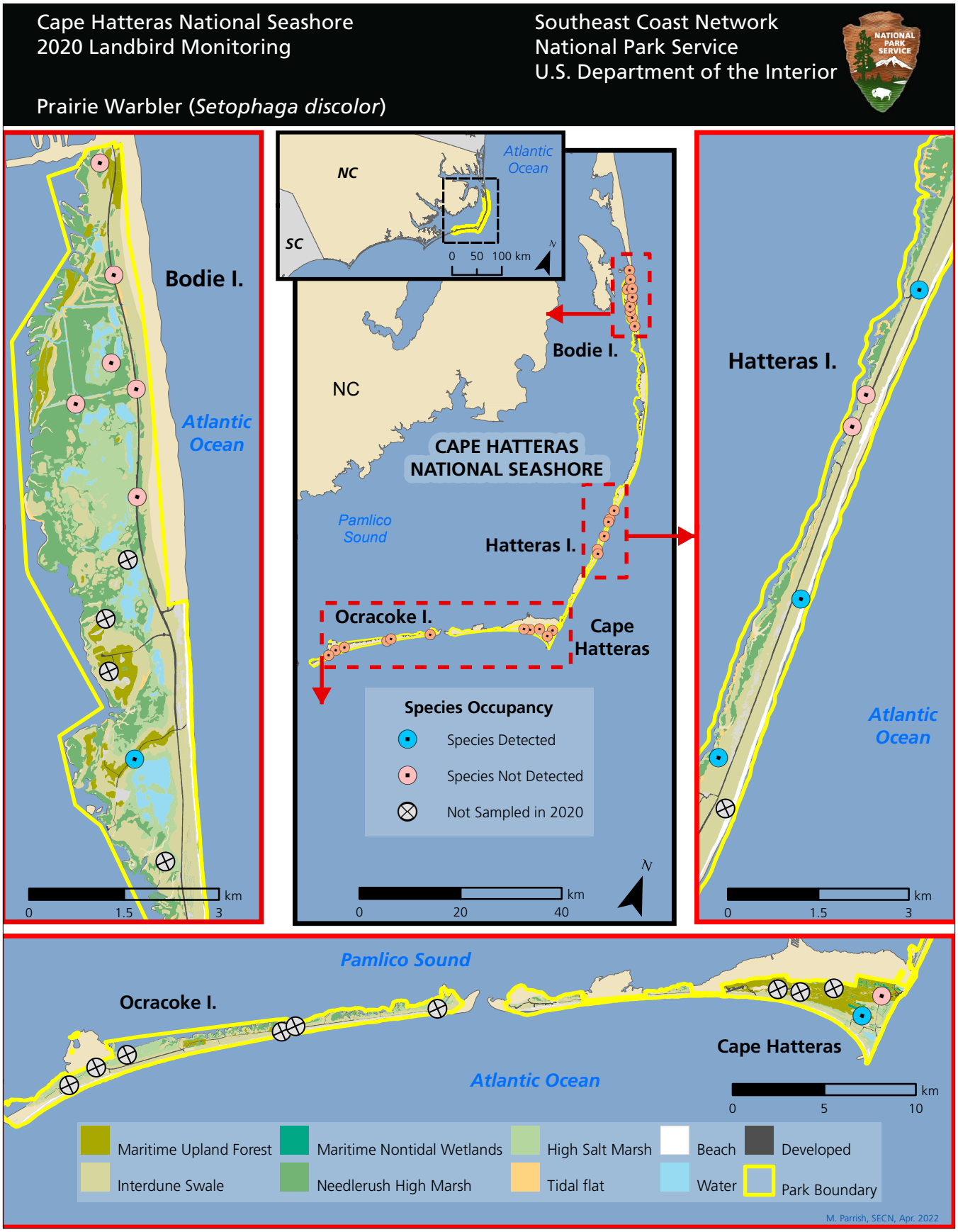


Figure 44. Vocalization detections of prarie warbler (*Setophaga discolor*) at Cape Hatteras National Seashore.

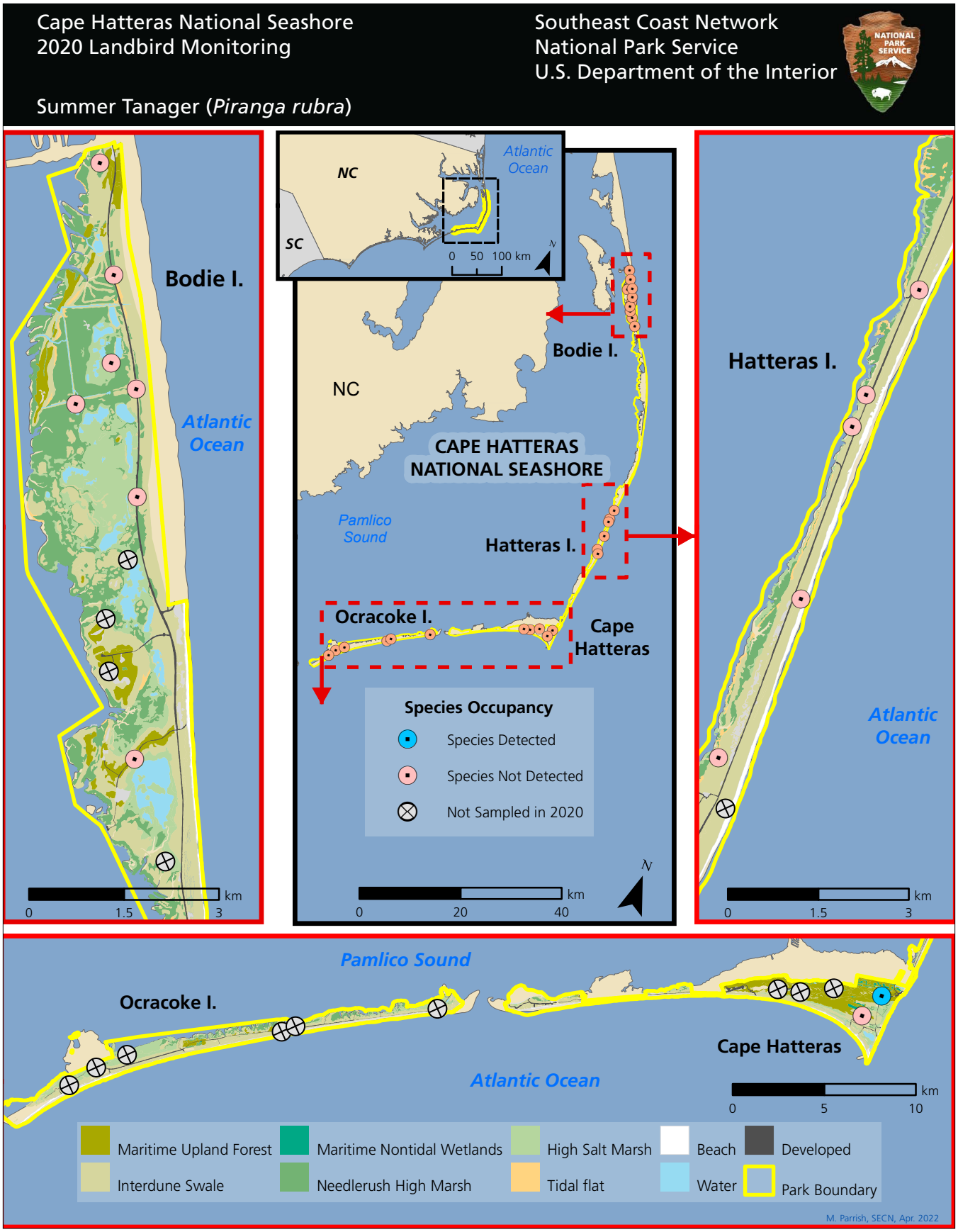


Figure 45. Vocalization detections of summer tanager (*Piranga rubra*) at Cape Hatteras National Seashore.

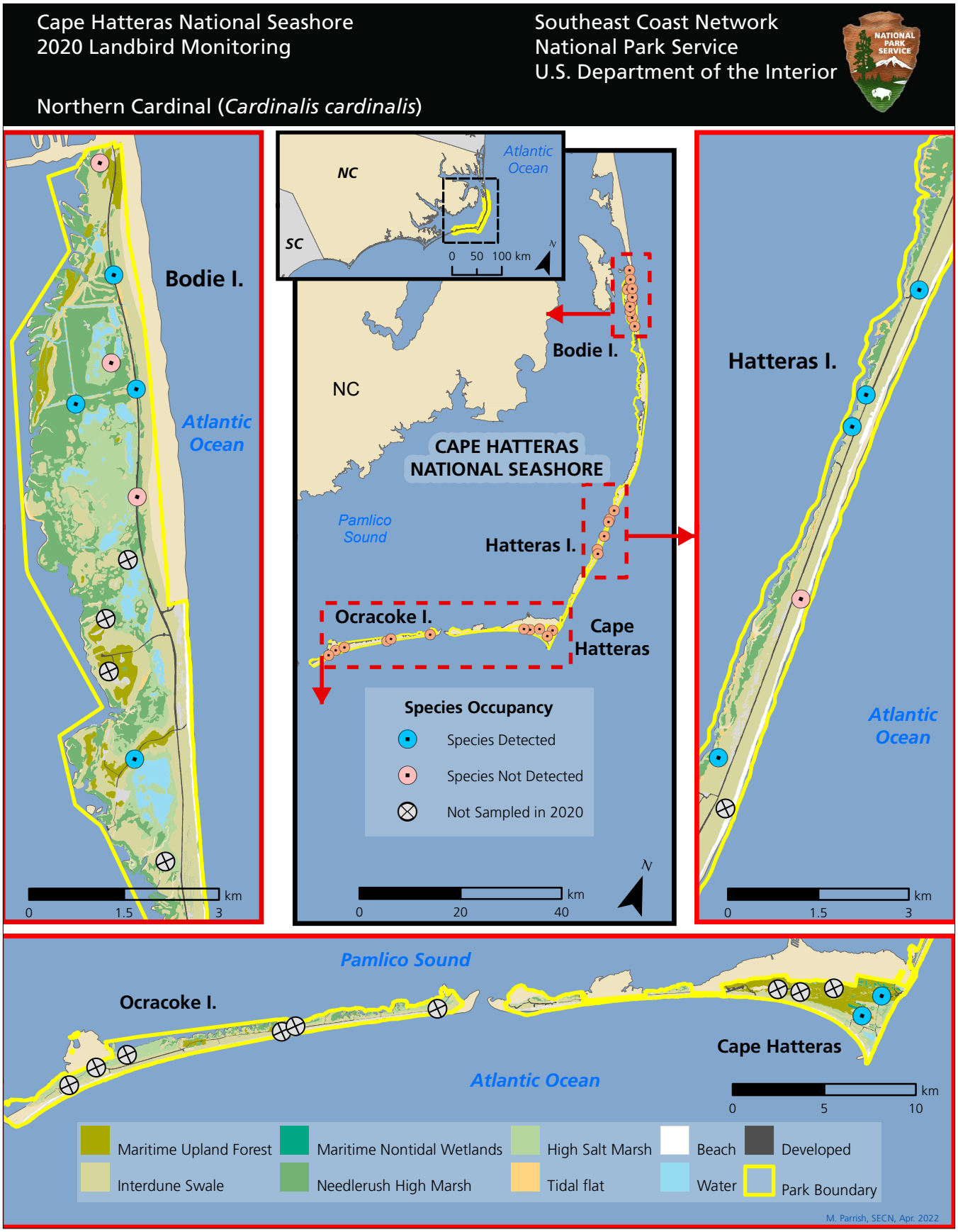


Figure 46. Vocalization detections of northern cardinal (*Cardinalis cardinalis*) at Cape Hatteras National Seashore.

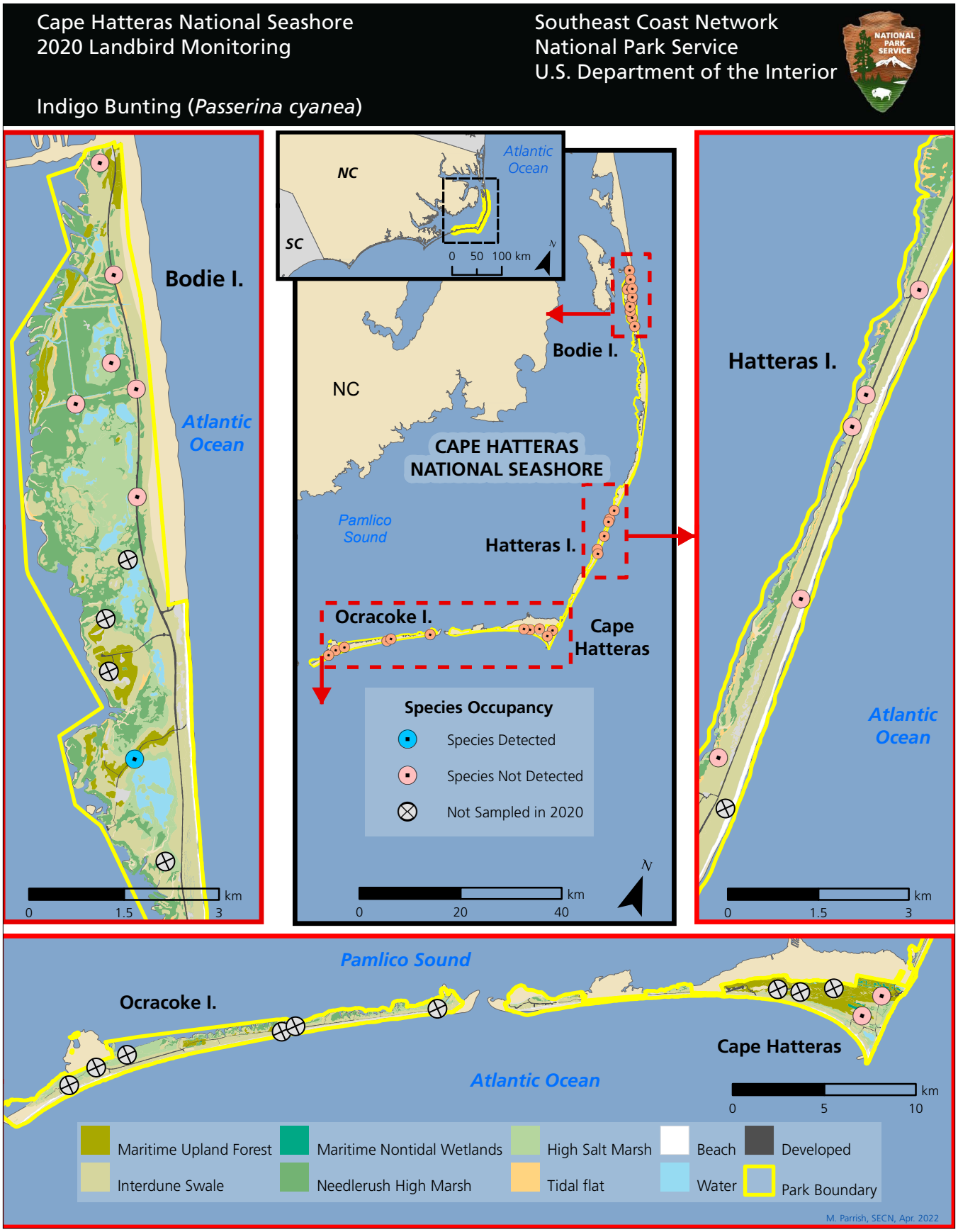


Figure 47. Vocalization detections of indigo bunting (*Passerina cyanea*) at Cape Hatteras National Seashore.