

# North Carolina 2025 Update



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COASTAL BIOLOGIST

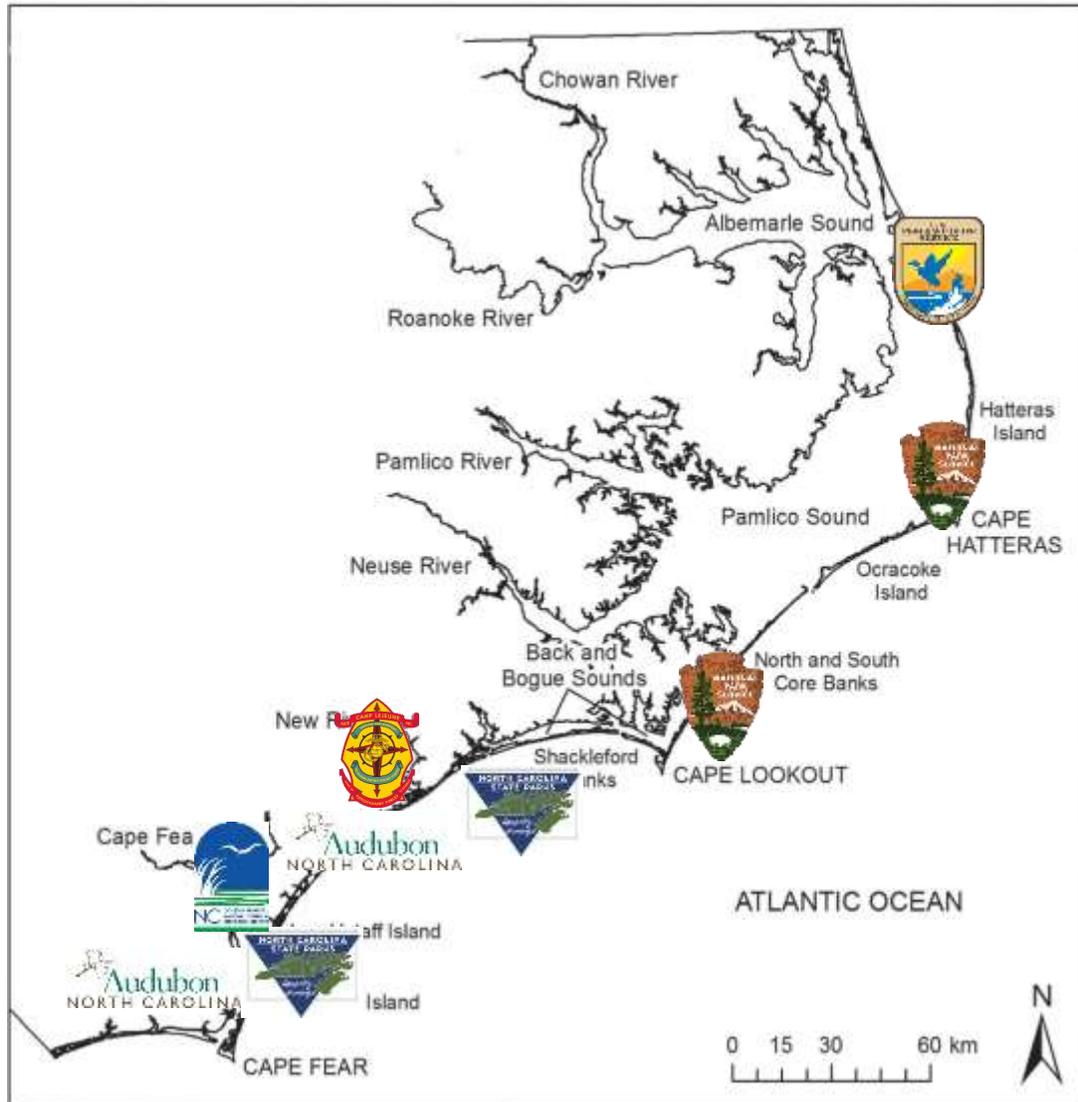
  
**Audubon**  
NORTH CAROLINA



## NC Partners

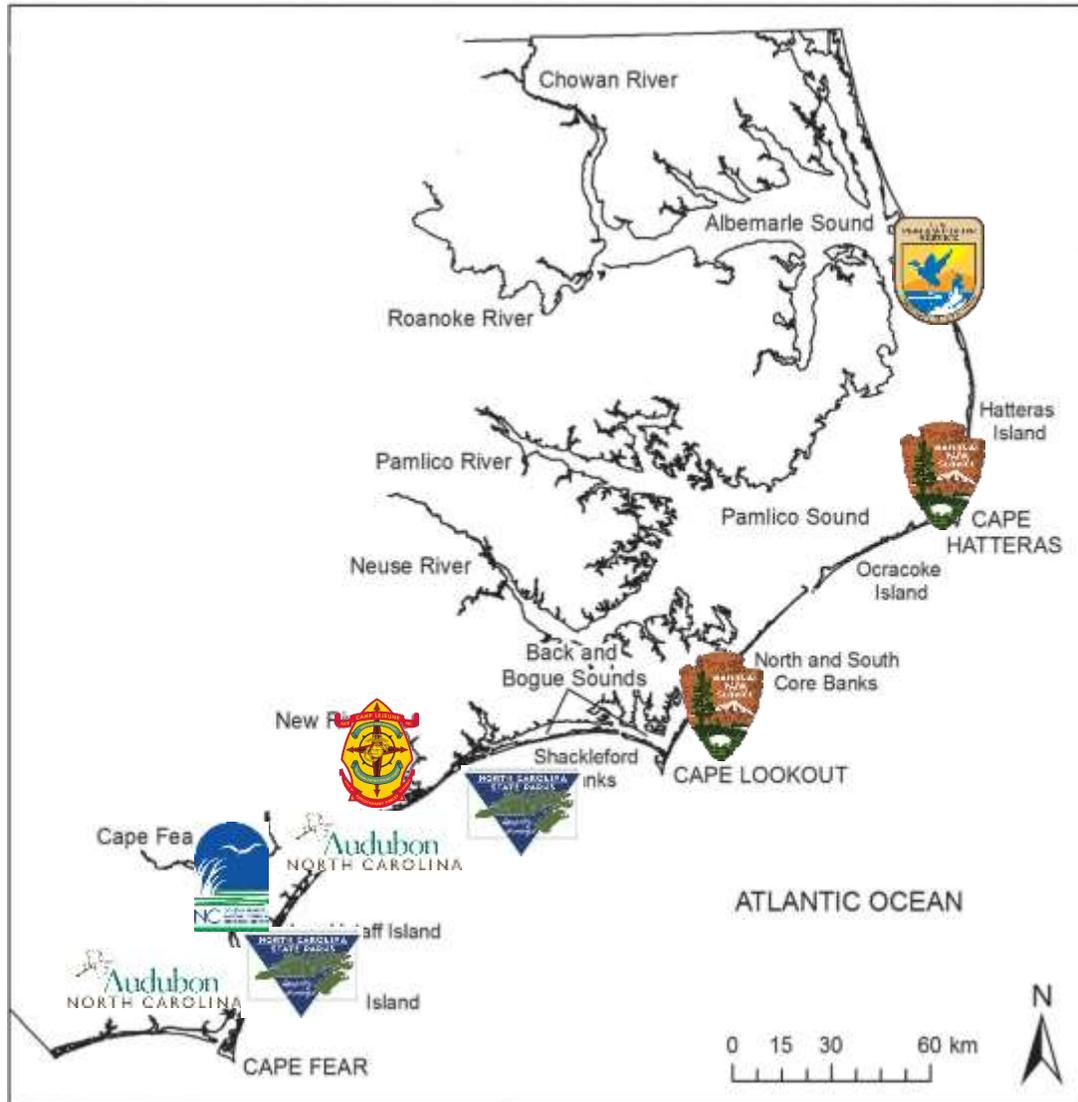


# Annual Productivity Monitoring



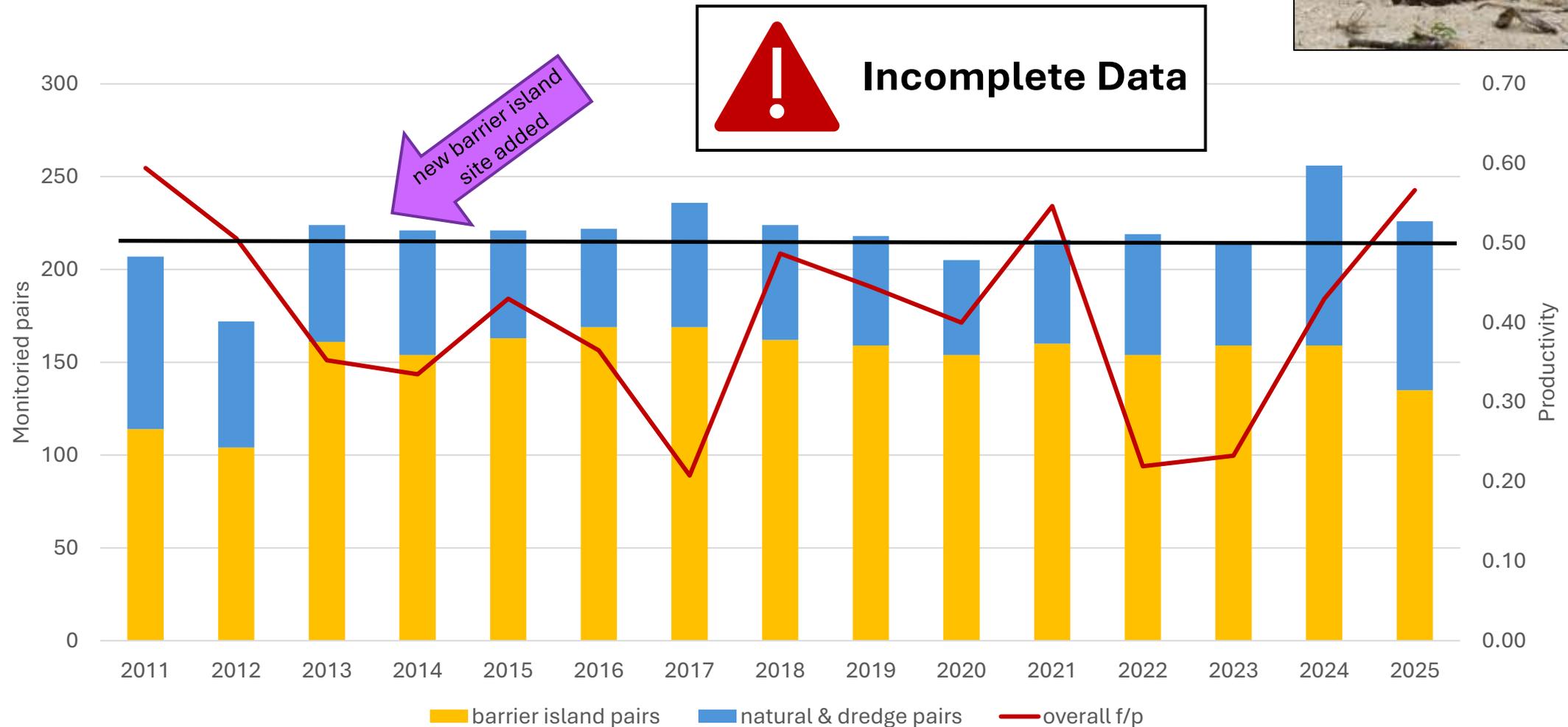
- Pea Island National Wildlife Refuge
- Cape Hatteras and Cape Lookout National Seashores
- Hammocks Beach State Park (Bear Island)
- Onslow Beach
- Lea-Hutaff Island, Inlets and Wrightsville Beach
- Masonboro Island
- Fort Fisher State Recreation Area
- Cape Fear River Islands

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# Productivity 2011-2025

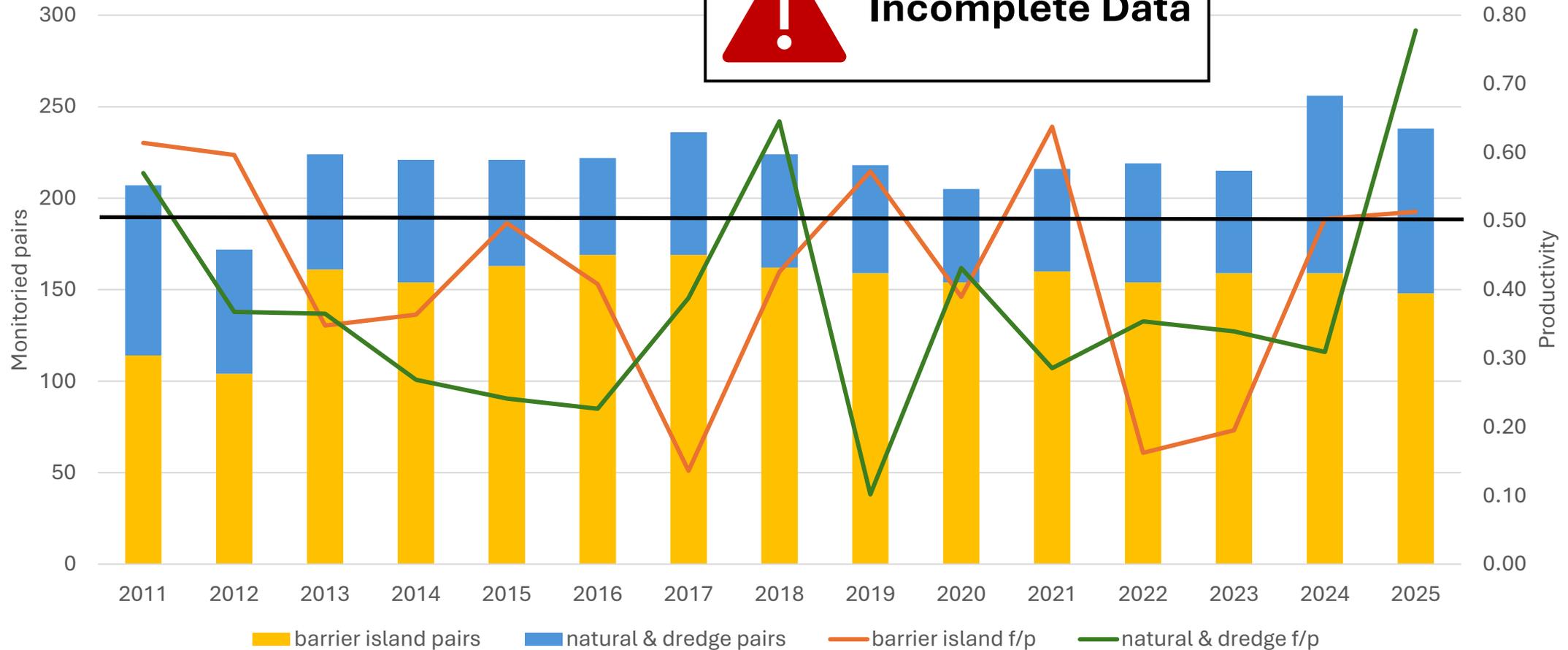


Across all years: mean pairs monitored = \_\_ / mean productivity = \_\_

# Productivity 2011-2025



 **Incomplete Data**



Across all years:

mean barrier pairs monitored = \_\_  
 mean other pairs monitored = \_\_

mean barrier productivity = \_\_  
 mean other productivity = \_\_

# Productivity Around NC

- 0 - 5 pairs
- 6 - 15 pairs
- 16 - 30 pairs
- $\geq 31$  pairs
  
- 0 - 0.2 f/p
- 0.21 - 0.49 f/p
- $\geq 0.5$  f/p



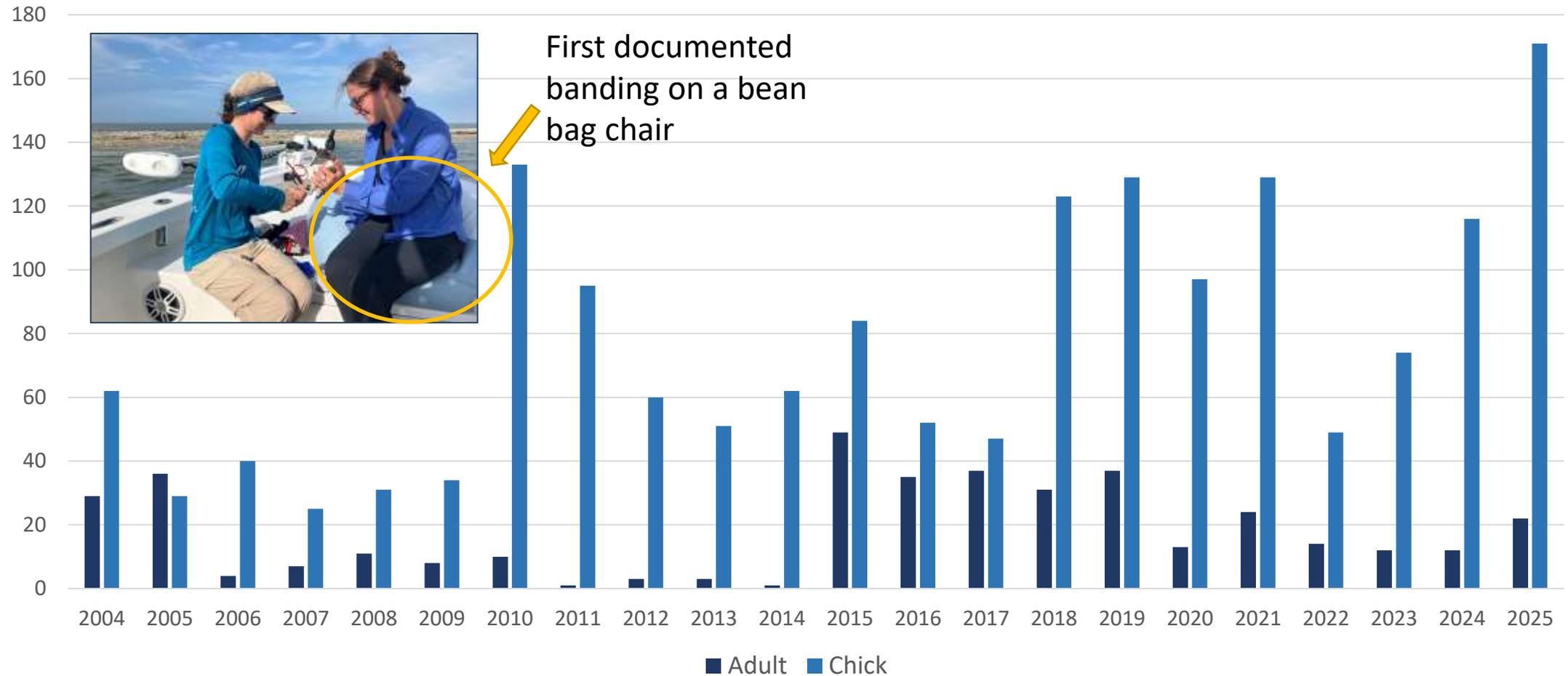


# How We Got Here

- No major storms
- Coyotes, coyotes, coyotes



# Statewide Banding: 2004-2025



1997-2003: “old” banding scheme

2,183 total AMOY banded in NC since 1997

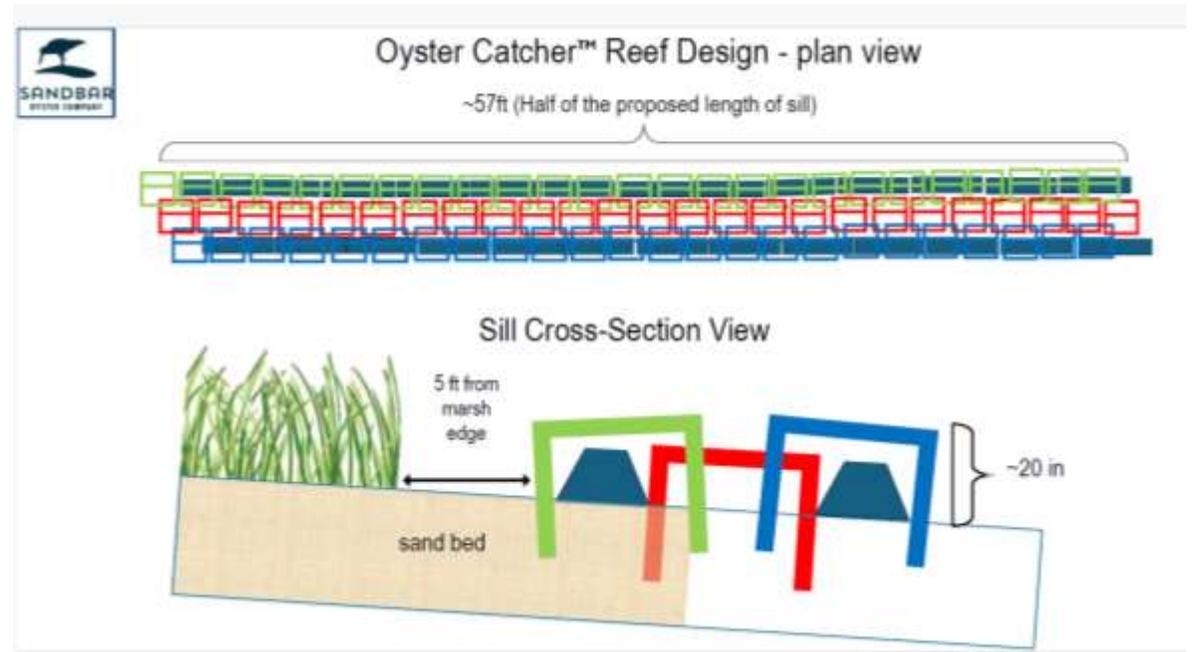
# Research and Monitoring

- Poop-based diet study
  - In partnership with the Cornell Lab of Ornithology and support from NC SeaGrant
  - DNA metabarcoding will identify prey items
  - Closing in on our goal of 40 poops from barrier islands, natural non-barrier islands, and dredge islands
- Tri-annual statewide breeding AMOY and WIPL count
  - Entire coast split into plots and surveyed at high tide April-May



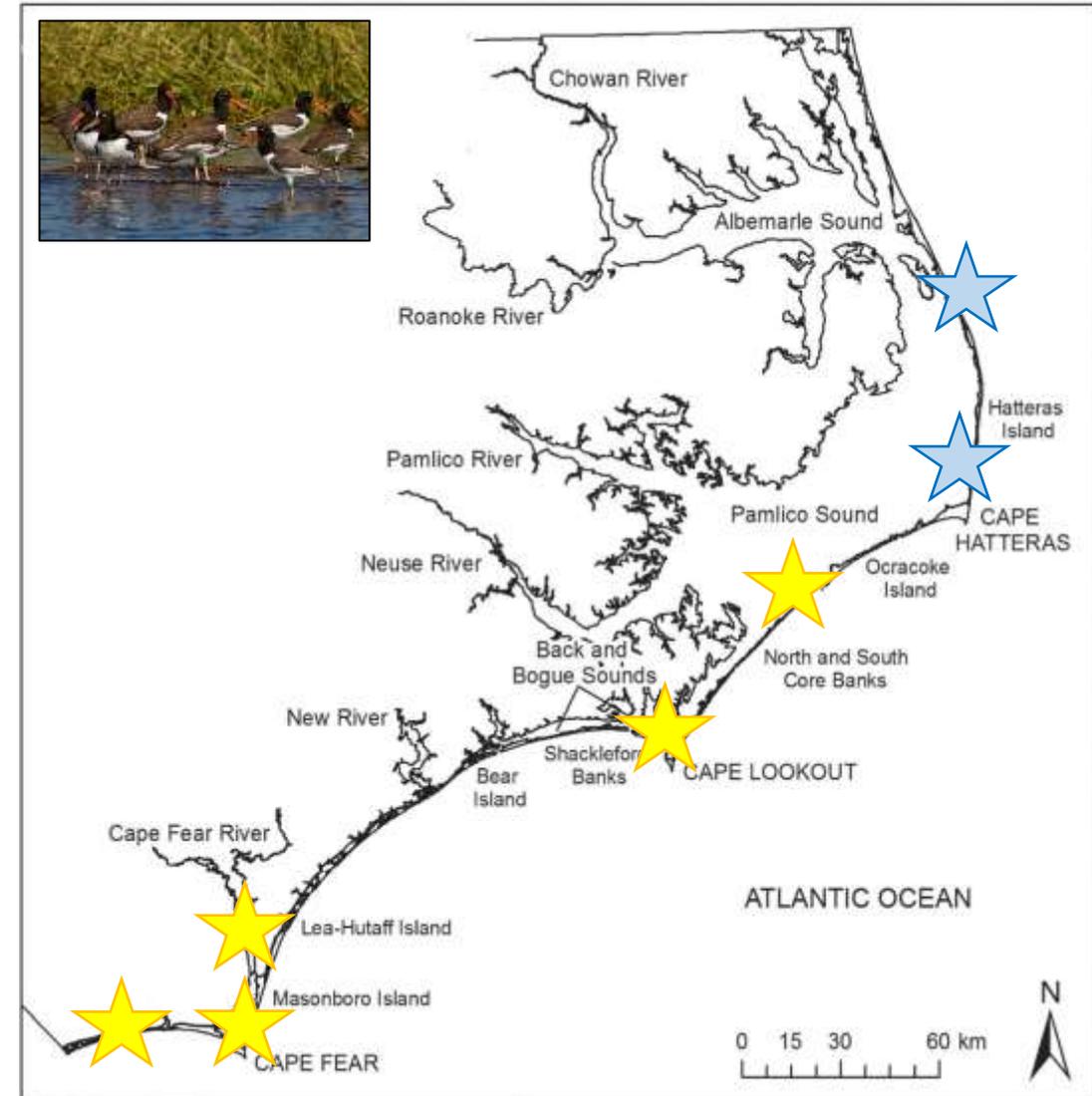
# Habitat Projects

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# Non-breeding Surveys

- Post-breeding and winter resighting on Pea Island NWR and Cape Hatteras NS
- High-tide roost surveys at five sites by Cape Lookout National Seashore, NC Coastal Reserve, and Audubon North Carolina
  - North Core Banks (Portsmouth)
  - Back Sound/Beaufort Inlet
  - Masonboro Island/Sound
  - Cape Fear River
  - Brunswick County ICW and Inlets
- Once a month Aug./Sept.-Feb./Mar.



Thank you!  
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