

North Carolina Listed Species

- Endangered
- Threatened
- Special Concern



NC Endangered Species Act

15A NCAC 10I

Protects all Listed Species from Take or Possession

No open season

Exceptions can be made through a permit

research

education

prior possession

Exceptions without a permit

in defense of life

conservation officers or WRC employee

possession of otherwise legal alligator parts

NC Listing Process

- Scientific councils are formed every 5 years
- They make recommended changes to the Nongame Wildlife Advisory Committee (NWAC)
- The NWAC makes recommended changes to the Wildlife Resources Commission
- Recommended changes go to public hearing
- NCWRC staff evaluate comments from public and take back to the Wildlife Resources Commission
- Final changes incorporated into NCAC

- Federally listed species are similarly state listed
- Additional species are also listed



NCWRC Responsibilities After Listing

- Ideally every listed species would receive monitoring and management effort
- Section 6 funding from FWS and NMFS for federally listed species
- NC Wildlife Action Plan identifies listed species and others as priorities
- State Wildlife Grant funds support some efforts for monitoring and management

Today we'll focus on:

- State listed species
- Species in the A-P region
- Any monitoring and management



NC Endangered Species in AP Area



- Peregrine falcon

- Has been taken off the federal list (1999), but remains on the state list
- Still listed in NC due to low nesting numbers in NC and low nesting success
- Nest in mountains of NC and migrate mostly along the coast
- In Va. they also nest somewhat on the coast and in cities
- M&M: hacked birds in mountains, still monitor nesting

Endangered Species Continued

- Eastern diamondback rattlesnake
 - Probably no longer exist in AP region
 - A small population remains on Camp Lejeune (impact areas)
 - Need fire maintained habitat (longleaf)
 - M&M: Some surveys in appropriate locations



Threatened Species in AP Area

- Bald eagle

- Removed from federal list in 2007
- Retained on state list due to relatively low nesting numbers and high need for seclusion
- Probably have about 200 nesting pairs in NC
- Population is rising, but with concerns over loss of habitat and AVM
- M&M: Hacked birds at Lake Mattamuskeet in early 1980's, continued monitoring through 2009



Threatened Species Continued

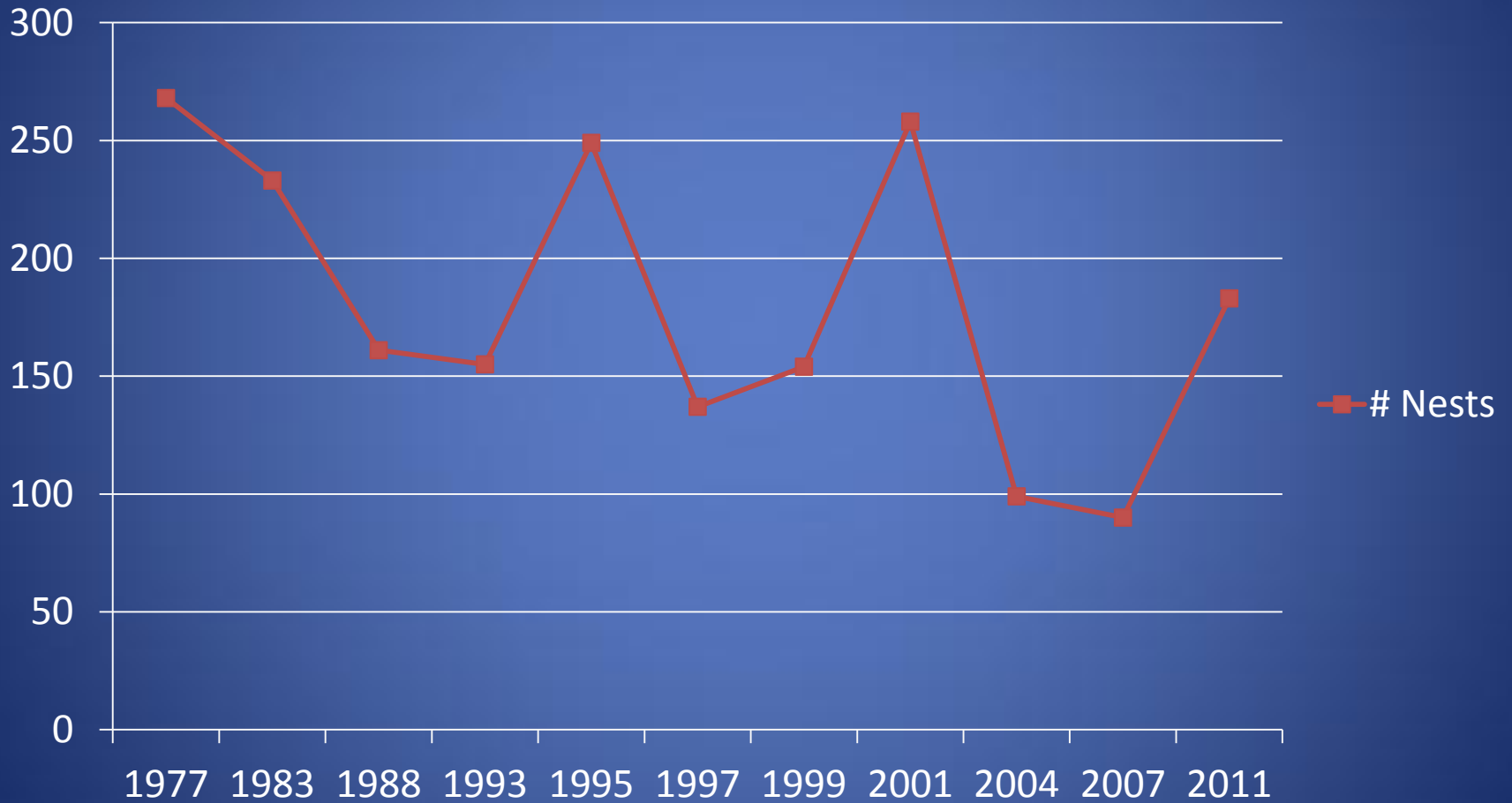
- Gull-billed tern



- Beach nesters in relatively small numbers on Outer Banks and estuarine islands
- Declining numbers
- M&M: Lots of data since mid 1970's



Gull-billed Tern Nesting Numbers



Threatened Species Continued

- Rafinesque's big-eared bat
 - Roosts in large hollow trees or abandoned buildings (Roanoke River wetlands)
 - Information is very sparse and scattered
 - M&M: beginning some additional surveys this summer



NC Special Concern Amphibians in AP Area

- Neuse River waterdog
 - Only found in Neuse and Tar Rivers
 - Stays in water
 - M&M: re-conducting survey from 30 years ago



NC Special Concern Reptiles in AP Area

- Carolina pigmy rattlesnake
- Carolina watersnake
- Diamondback terrapin
- Outer Banks kingsnake
- Southern hognose snake
- Timber rattlesnake



NC Special Concern Birds in AP Area

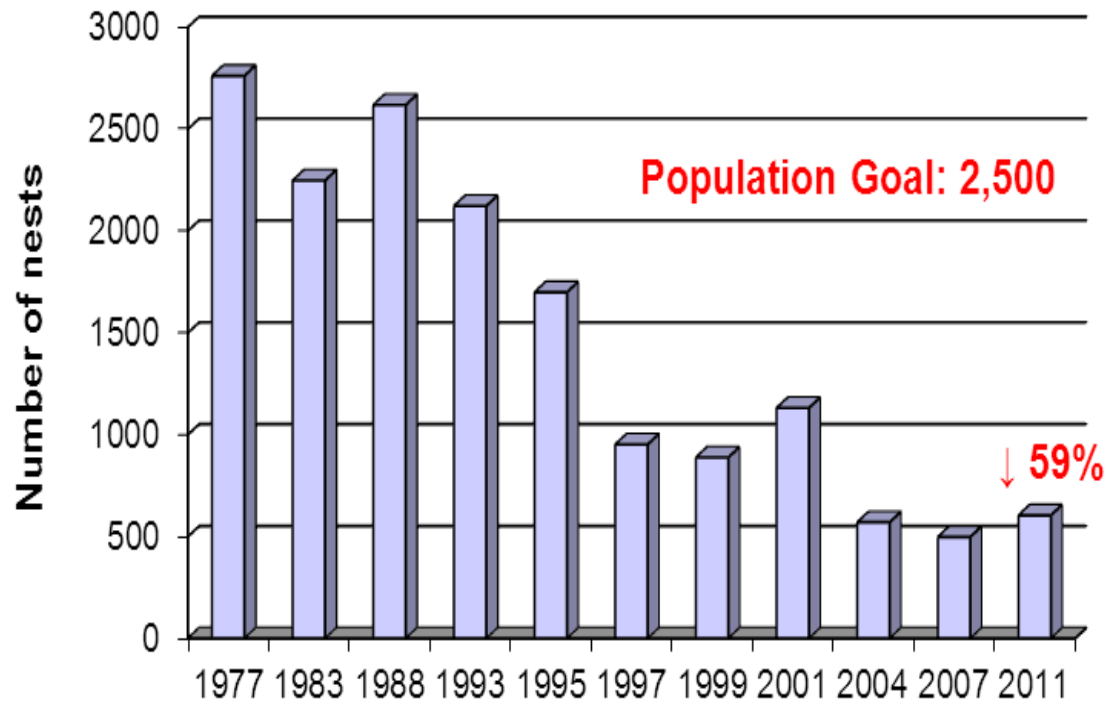
American oystercatcher	Least bittern
Bachman's sparrow	Least tern
Black rail	Little blue heron
Black skimmer	Loggerhead shrike
Brown creeper	Snowy egret
Cerulean warbler	Tricolored heron
Common tern	Vesper sparrow
Glossy ibis	Wilson's plover
Henslow's sparrow	Yellow-bellied sapsucker



Common Tern

State Listed - Special Concern

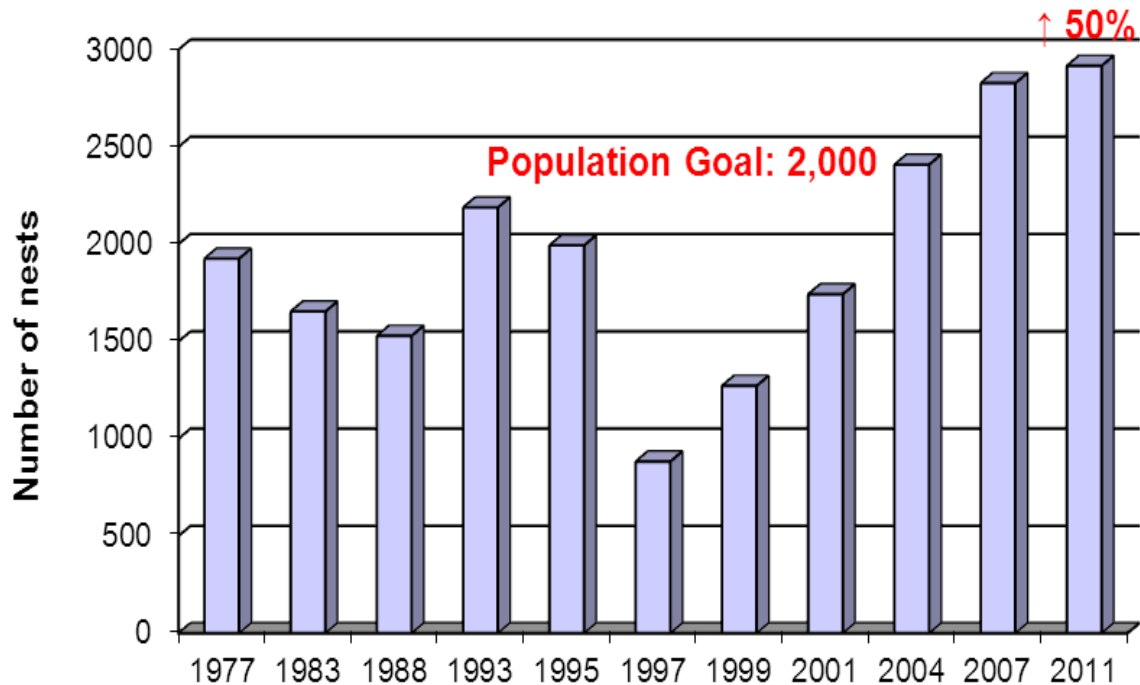
- Colonies at 15 sites
- Large colonies on Big Foot Island, Clark Reef, Cape Hatteras & Cape Lookout NS
- Most nests (73%) were on natural sites



Least Tern

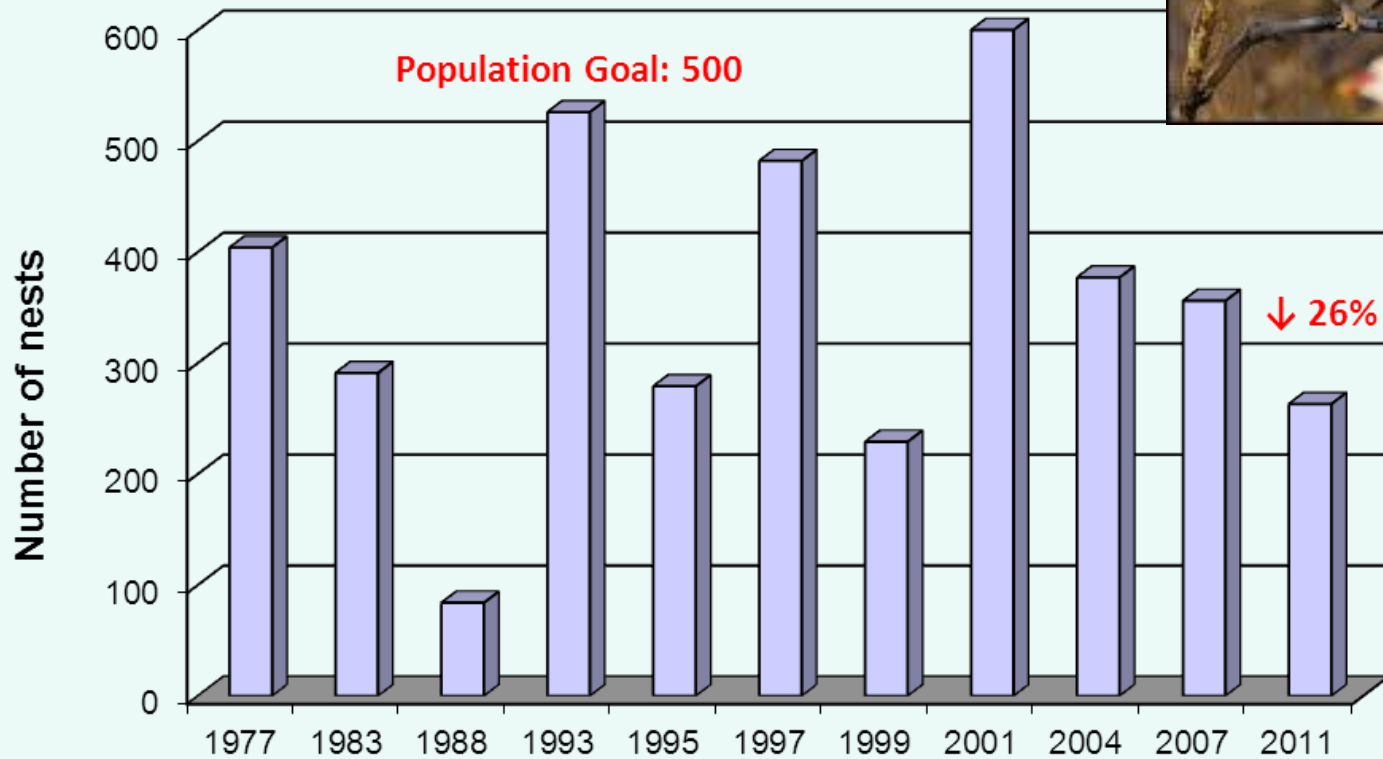
State Listed - Special Concern

- Steady increase since 1997
- Most (91%) nests on natural sites
- Largest colonies found at inlets



Glossy Ibis

State Listed - Species of Special Concern



NC Special Concern Mammals in AP Area

- Buxton Woods white-footed mouse
 - A subspecies of the white footed mouse (*Peromyscus leucopus*)
 - Only found on the southern end of Hatteras Island in Maritime forest