

Federally Listed Species in the APNEP Region



Presentation to the APNEP STAC
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U.S. Fish and Wildlife Service



Our Mission:

Working with others to conserve, protect and enhance fish, wildlife, plants and their habitats for the continuing benefit of the American people.

USFWS in North Carolina



LEGEND

						
<u>National Wildlife Refuges</u>	<u>Migratory Bird Field Station</u>	<u>Law Enforcement Offices</u>	<u>National Fish Hatcheries</u>	<u>Fish Resource Coordinators Offices</u>	<u>Ecological Services</u>	<u>Realty Offices</u>
		 <u>LE Port</u>				

USFWS Trust Resources

- Threatened and endangered species
- National Wildlife Refuges
- Migratory fish
- Migratory birds



Federally-listed Threatened and Endangered Species in NC



Animals	43
Mammals	11
Birds	7
Reptiles	7
Insects/spiders	2
Fish	6
Mussels	9
Snails	1
Plants and Lichens	27



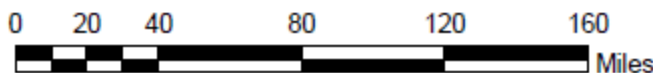
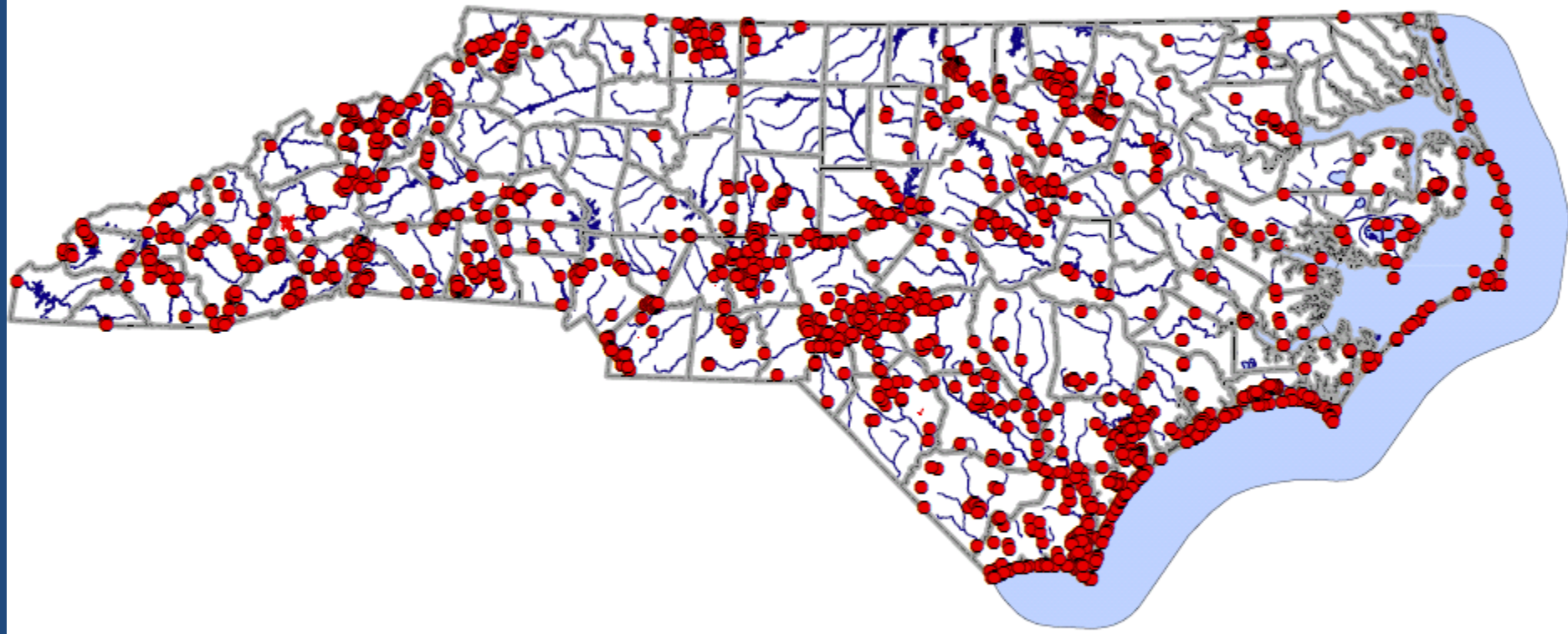
Raleigh FWS Strategic Priorities (the “short list”)

1. Cape Fear shiner recovery
2. Tar River spiny mussel/dwarf wedgemussel conservation
3. Golden sedge recovery
4. Red-cockaded woodpecker recovery
5. Anadromous fish spawning habitat restoration
6. Support of FWS regional ecoteam priorities (including NWR and migratory bird initiatives)

FWS Restoration Priorities in NC

- Focus on habitats that support priority trust resources
- Examples
 - T/E species: enhance, restore, or protect priority habitat (acquisitions/easements, water quality threat abatement)
 - Mig Fish: dam removal, fish passage, restoration to enhance water quality conditions in priority habitat
 - NWRs: on-refuge habitat restoration or off-refuge priority acquisition/protection
 - Mig Birds: enhance, restore, or protect (through acquisitions or easements) priority habitat

Federally-Listed Species in NC



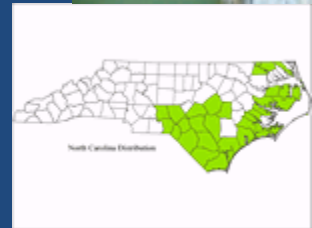
Legend

- Federally Listed Species Occurrence
- County Boundaries
- Major Hydrography

Terrestrial Fed-Listed Priorities

Red-cockaded woodpecker

- Habitat: forests with trees old enough for roosting, at least 60-120 yrs old; longleaf pine preferred; dense stands with hardwood midstory avoided

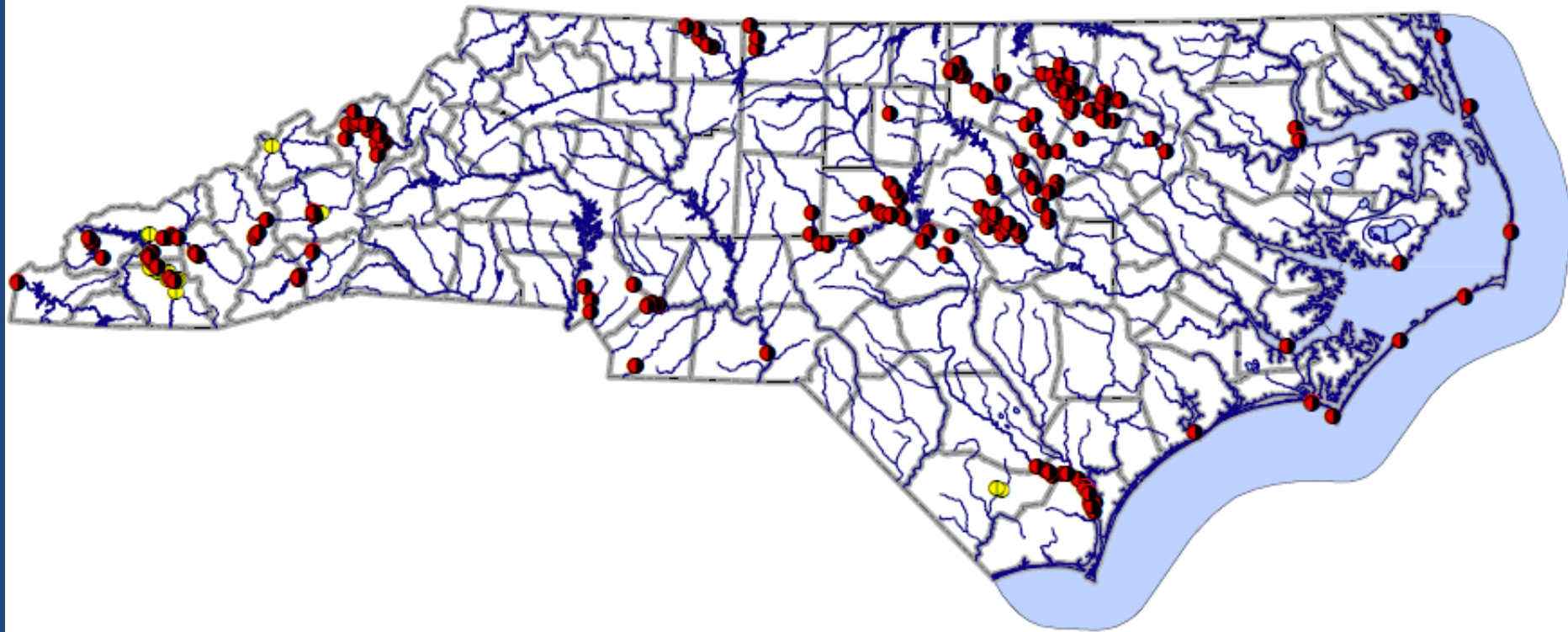


Seabeach amaranth

- Habitat: barrier island beaches; overwash flats at accreting ends of islands and lower foredunes and upper strands of non-eroding beaches



Aquatic Federally-Listed Species



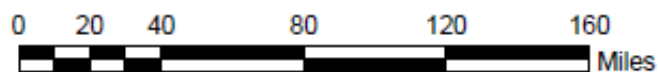
Legend

● Endangered Aquatic Species Occurrences

● Threatened Aquatic Species Occurrences

— Major Hydrography

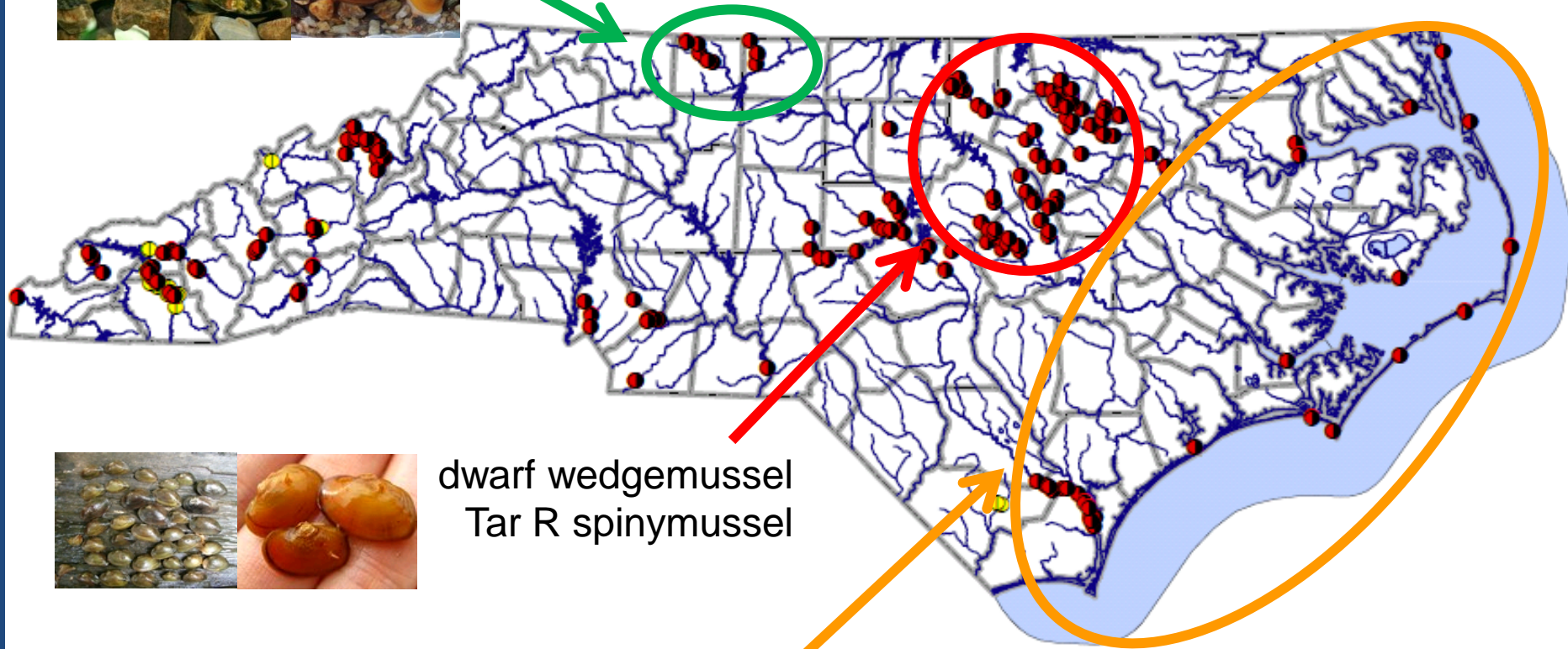
□ County Boundaries



Aquatic Fed-Listed Priorities in APNEP Region*



Roanoke logperch
James spiny mussel



dwarf wedgemussel
Tar R spiny mussel

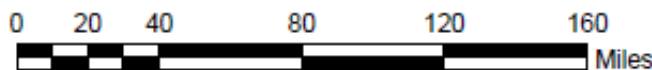


Shortnose sturgeon

* Pending listings not depicted;
Atlantic sturgeon not yet mapped

Legend

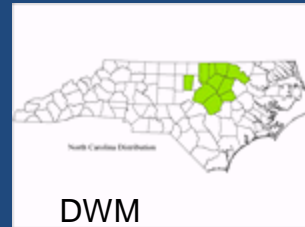
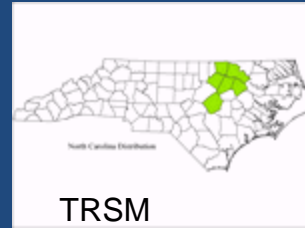
- Endangered Aquatic Species Occurrences
- Threatened Aquatic Species Occurrences
- Major Hydrography
- County Boundaries



Aquatic Fed-Listed Priorities

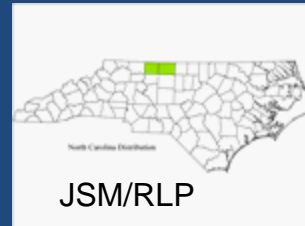
Dwarf wedgemussel / Tar R spiny mussel

- Tar River Basin: Sandy/Swift Cr, Little Fishing Cr, Fishing Cr, Shocco Cr, Tar River and headwaters (roughly above I-85)
- Neuse River Basin: Swift Creek, Little River



James spiny mussel/Roanoke logperch

- Dan River basin (including Mayo and Smith Rivers)



Shortnose Sturgeon

- All anadromous fish rivers; most recent records in Roanoke and Cape Fear Rivers

Mega-Petition Species in the APNEP Region



Questions?

U.S. Fish and Wildlife Service

www.fws.gov

Raleigh office of USFWS

www.fws.gov/raleigh/



Check out our new fact sheets!

www.fws.gov/raleigh/es_tes.html

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