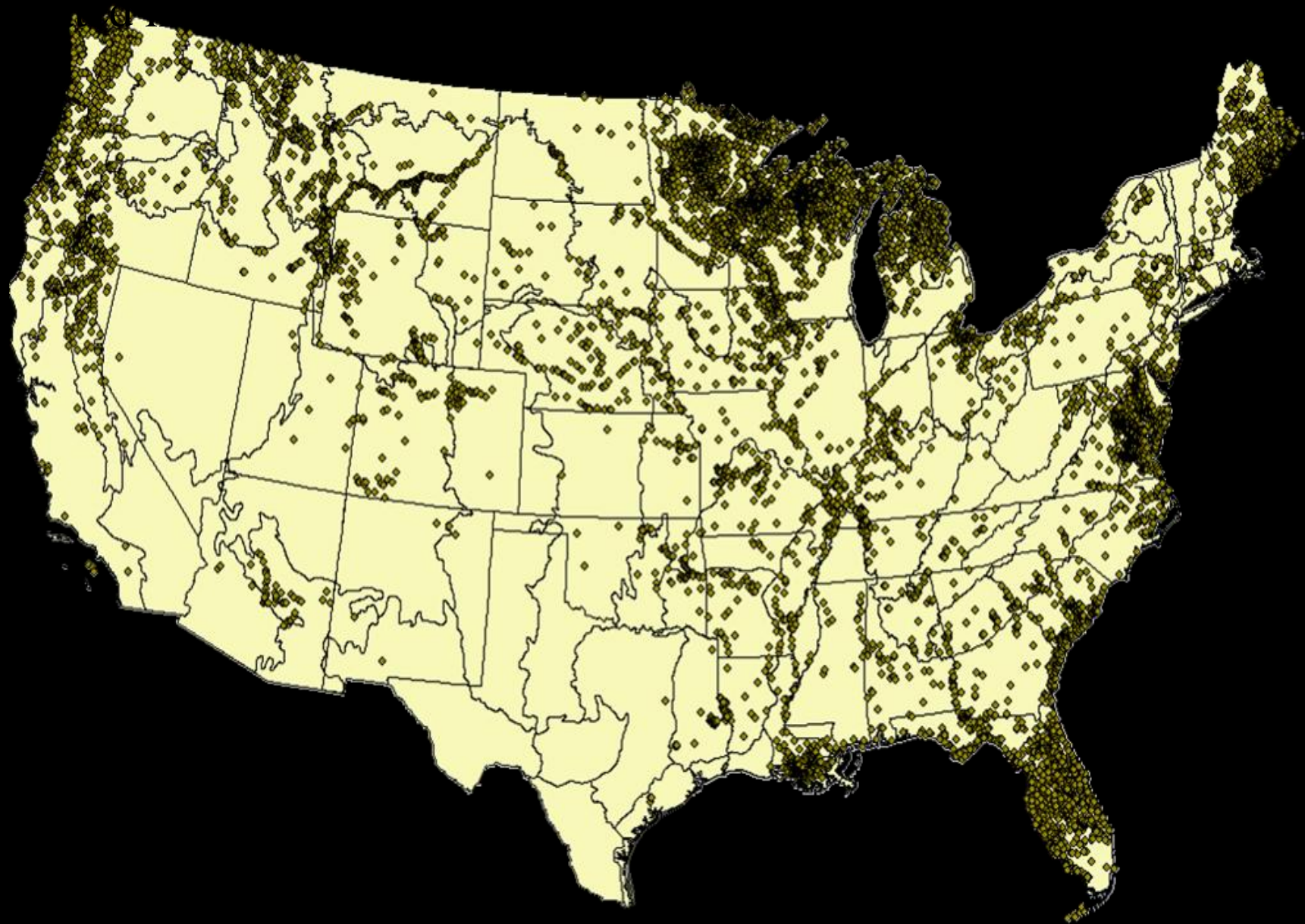


Arizona's Bald Eagle Management Program



History of Bald Eagles in North America

- First known records
 - Remains 670,000 to 780,000 years old
 - 250,000 to 500,000 bald eagles
- Declines in bald eagle populations
 - Decline in prey base
 - Poisoning
 - Humans
 - DDT



Arizona History

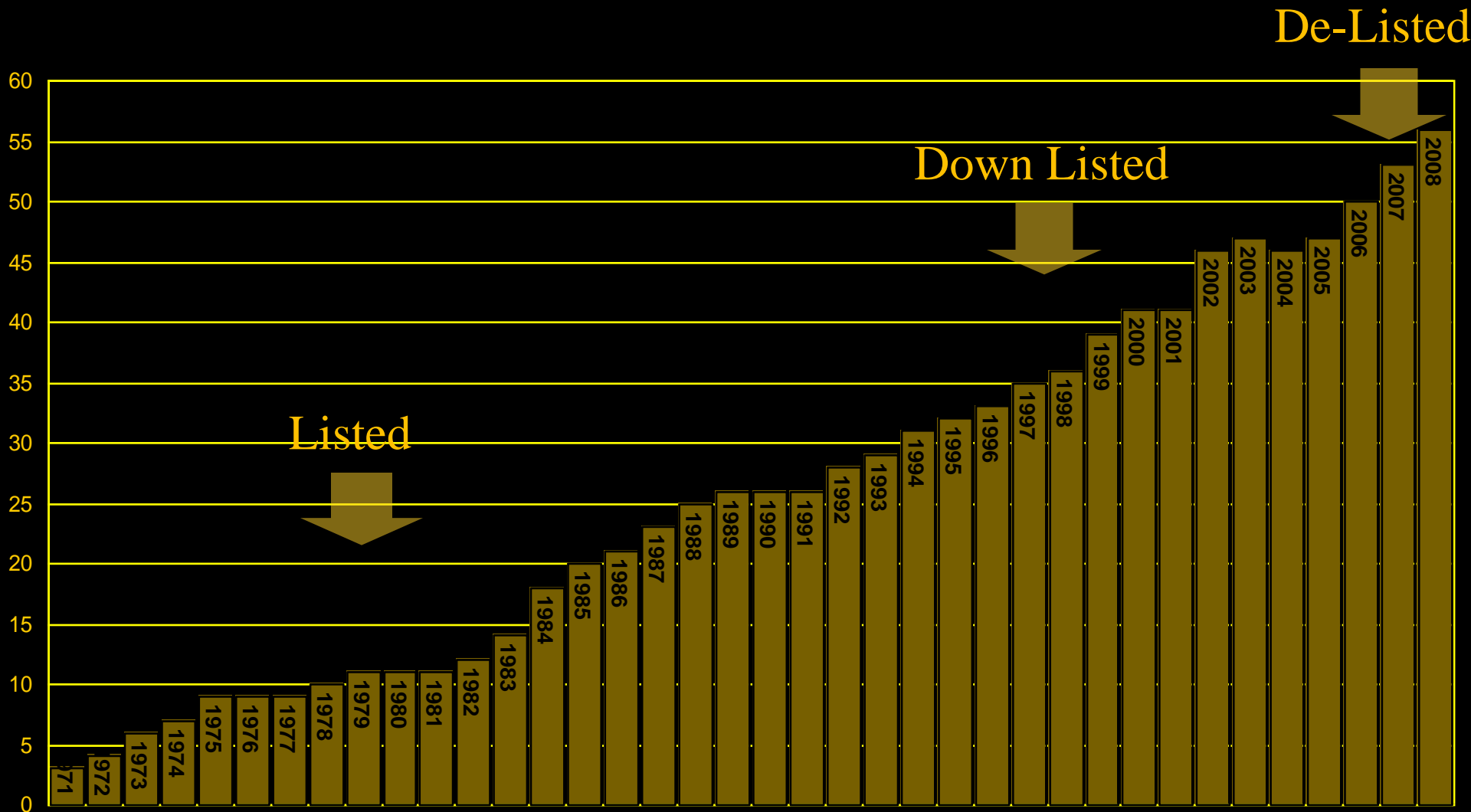
A topographic map of Arizona showing elevation contours. The map is color-coded by elevation, with green representing lower elevations and brown representing higher elevations. Three yellow arrows point to specific locations: one to the north-central region, and two to the central-eastern region.

First record of
a bald eagle
breeding in
Arizona.
Stoneman
Lake 1890.

First records
of bald
eagles
breeding in
the desert.
Bartlett and
Saguaro
Lakes 1930s.

Arizona's Bald Eagle Population

Number of Breeding Areas

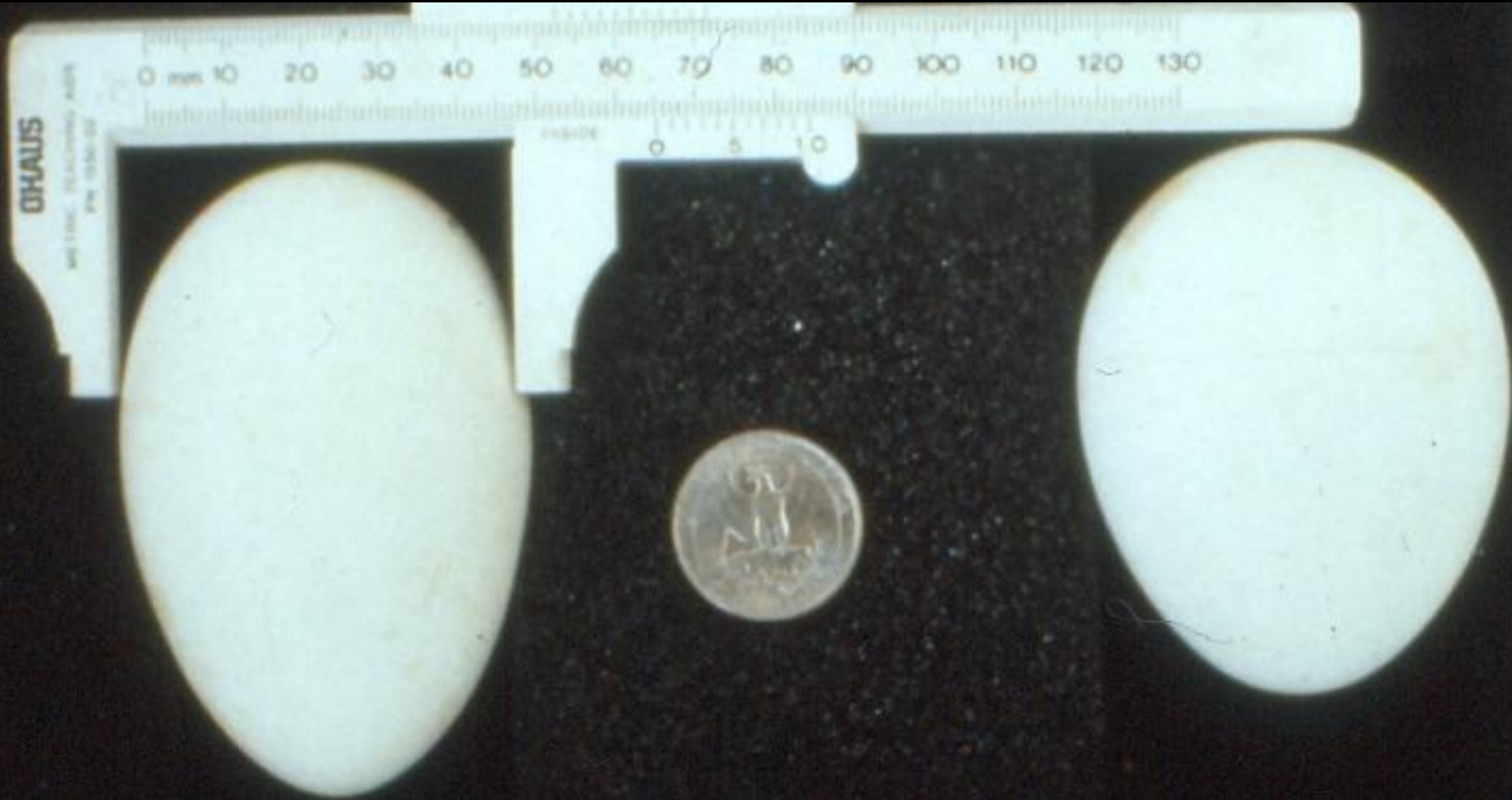


What is a Bald Eagle?





Egg Stage ~ 35 days



5 Days



3 Weeks



4.5 Weeks



4 Weeks

5 Weeks

5 Weeks

5.5 Weeks





7 Weeks to 2 Years Old

2 to 3 Years Old





3 to 4 Years Old

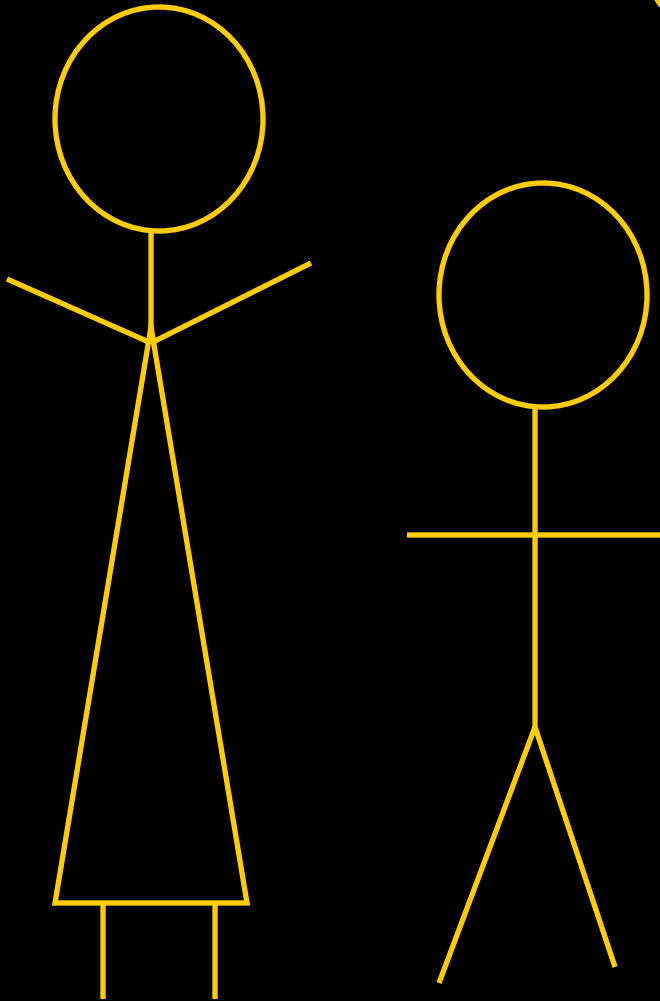


4 to 5 Years Old



5 Years Old and Older

Size



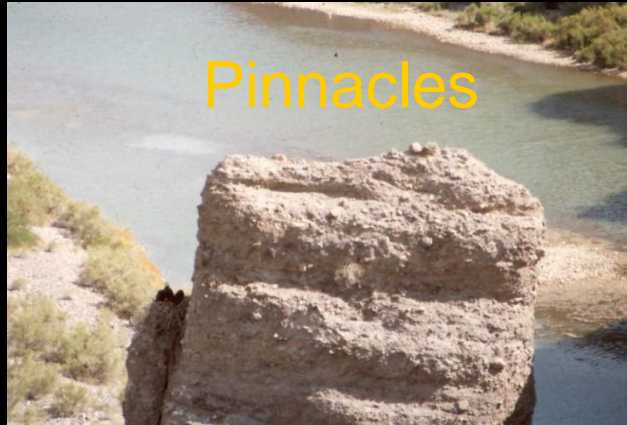
Females are $\frac{1}{3}$
bigger than males



Length = 2 to 3 feet.
Weight = 6.5-14 pounds.
Wingspan = 5.5 to 8 feet.

Where Do they Call Home

Most nest within 1 mile of water.
Along the Rivers and Creeks of the Desert



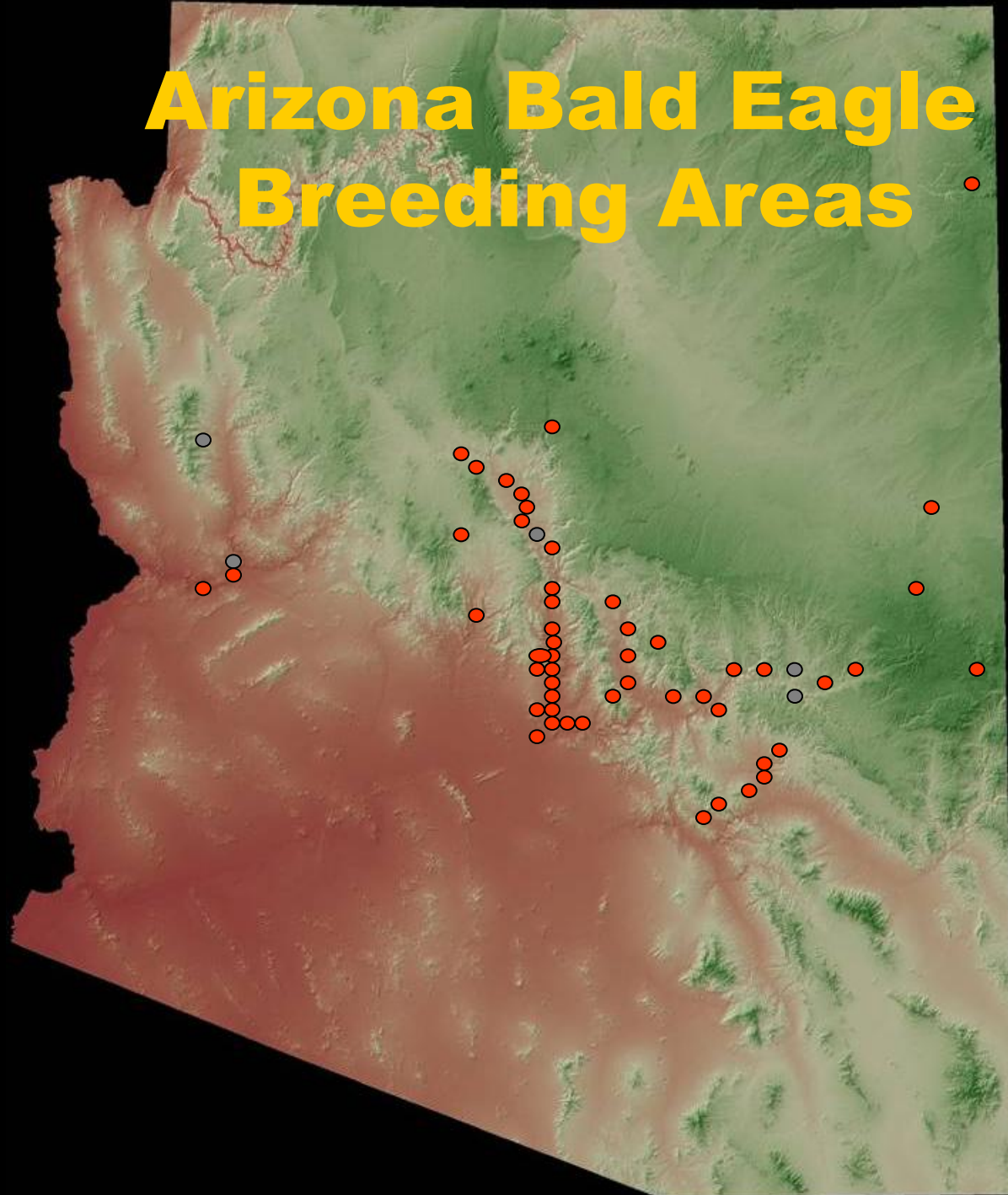
Ponderosa Pine Forests



Mixed Conifer Forests



Arizona Bald Eagle Breeding Areas



What do they Eat

80%
is
fish



Carrion



Reptiles



Ducks



Mammals

Grains



Dairy

Meats



Fruits

Vegetables



When do they Nest

Courtship
November to January.



Egg laying
Timed with the fish spawns?
December to March.



Hatching
35 days after egg laying
February to April.



Fledging
12 weeks after hatching
April to June.



Migration
45 days after fledging
May to July.



Southwestern Bald Eagle Management Committee

- Arizona Game and Fish Department – Chair
- Arizona Department of Transportation
- Arizona Public Service
- Arizona State Parks
- Army Corps of Engineers
- Bureau of Indian Affairs
- Bureau of Land Management
- Bureau of Reclamation
- Fort McDowell Yavapai Nation
- GeoMarine Incorporated
- The Hopi Tribe
- Maricopa County Parks and Recreation Department
- National Park Service
- Navajo Nation
- Salt River Pima-Maricopa Indian Community
- Salt River Project
- San Carlos Apache Tribe
- Tonto Apache Tribe
- U.S. Department of Defense
- U.S. Fish and Wildlife Service
- U.S. Forest Service
- White Mountain Apache Tribe



Arizona Bald Eagle Management Program

- Southwestern Bald Eagle Management Committee
- Nestwatch Program
- Nest Search
- Visual Identification and Banding Project
- Winter Count
- Occupancy and Reproductive Assessment Flights
- Organochlorine, Heavy Metals and Parasite Analysis

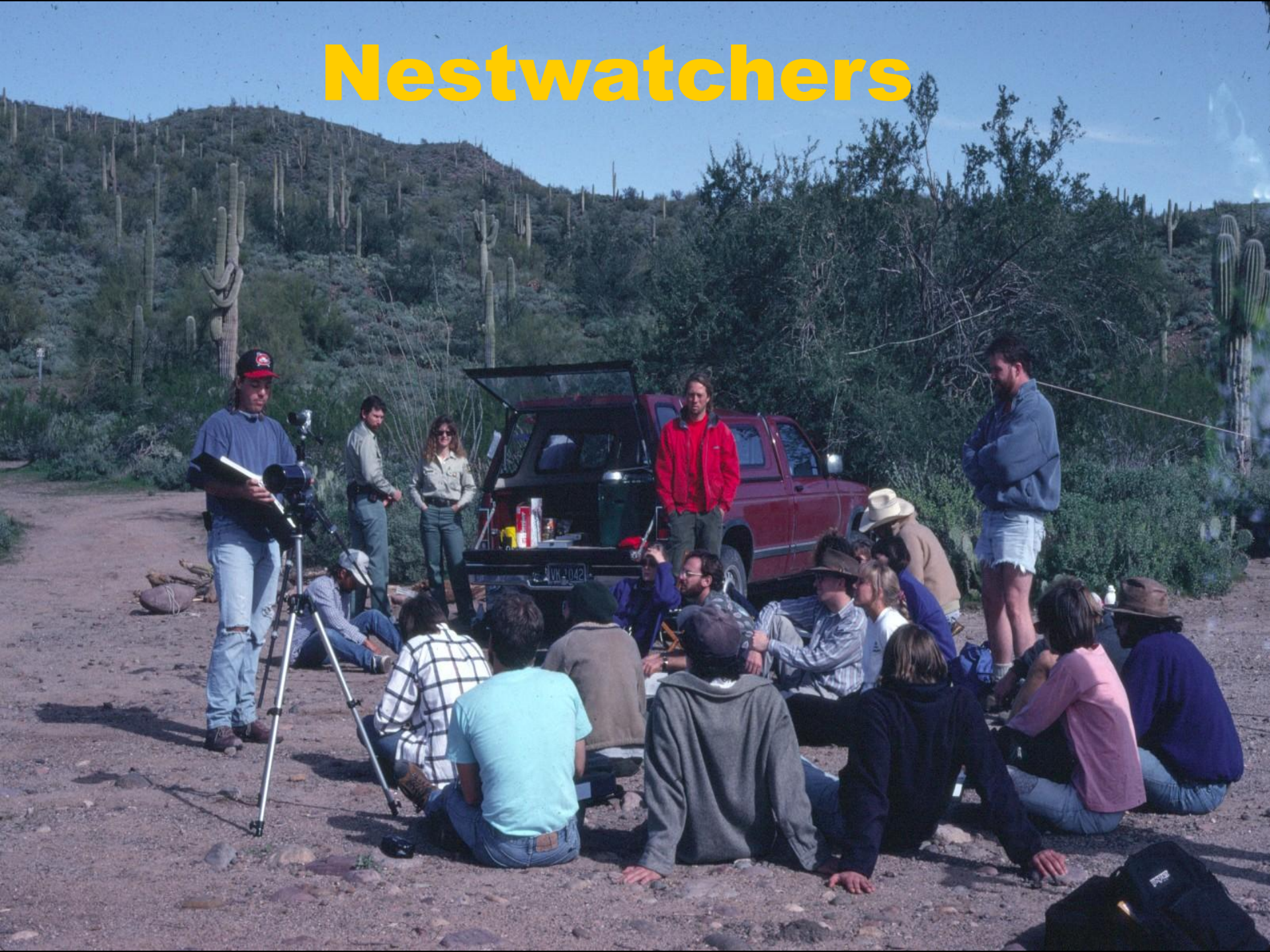


Arizona Bald Eagle Nestwatch Program

- Goals
 - Education
 - Data Collection
 - Conservation
- Personnel
 - 20 contractors
 - 10 – 15 breeding areas
 - Stationed at high recreational use areas.



Nestwatchers





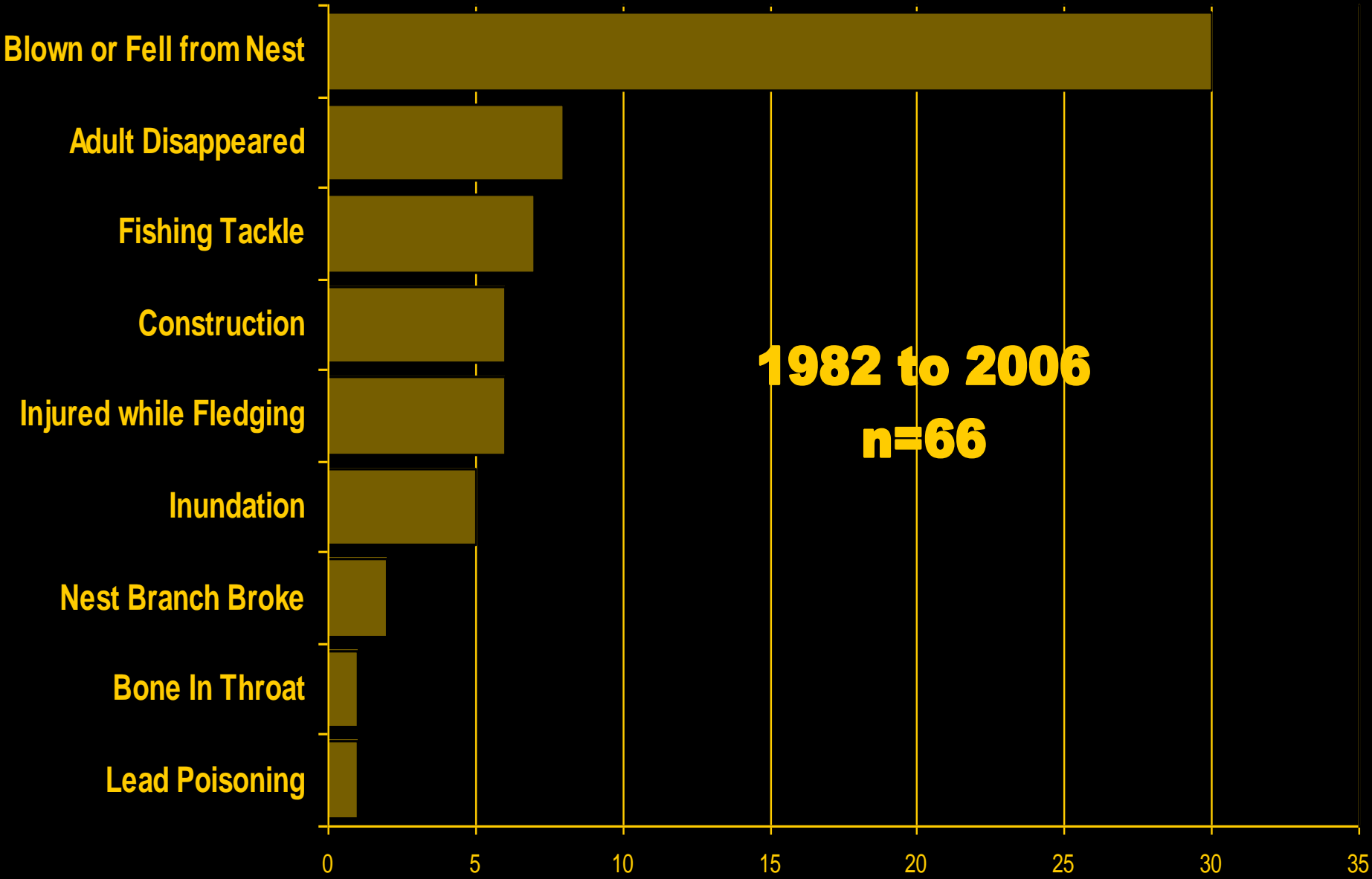








Conservation through Intervention



1982 to 2006
n=66





























Monofilament Recovery Program





**DON'T LEAVE
YOUR LINE BEHIND**

**HELP KEEP OUR
WATERWAYS
TANGLE
FREE!**

**RECYCLE YOUR
USED
MONOFILAMENT
HERE.**



**MONOFILAMENT
RECYCLING BIN**

Cast your
used Fishing Line Here

NO BOTTLES - NO TRASH
No Garbage in Bin

**WARNING
NO
GARBAGE**

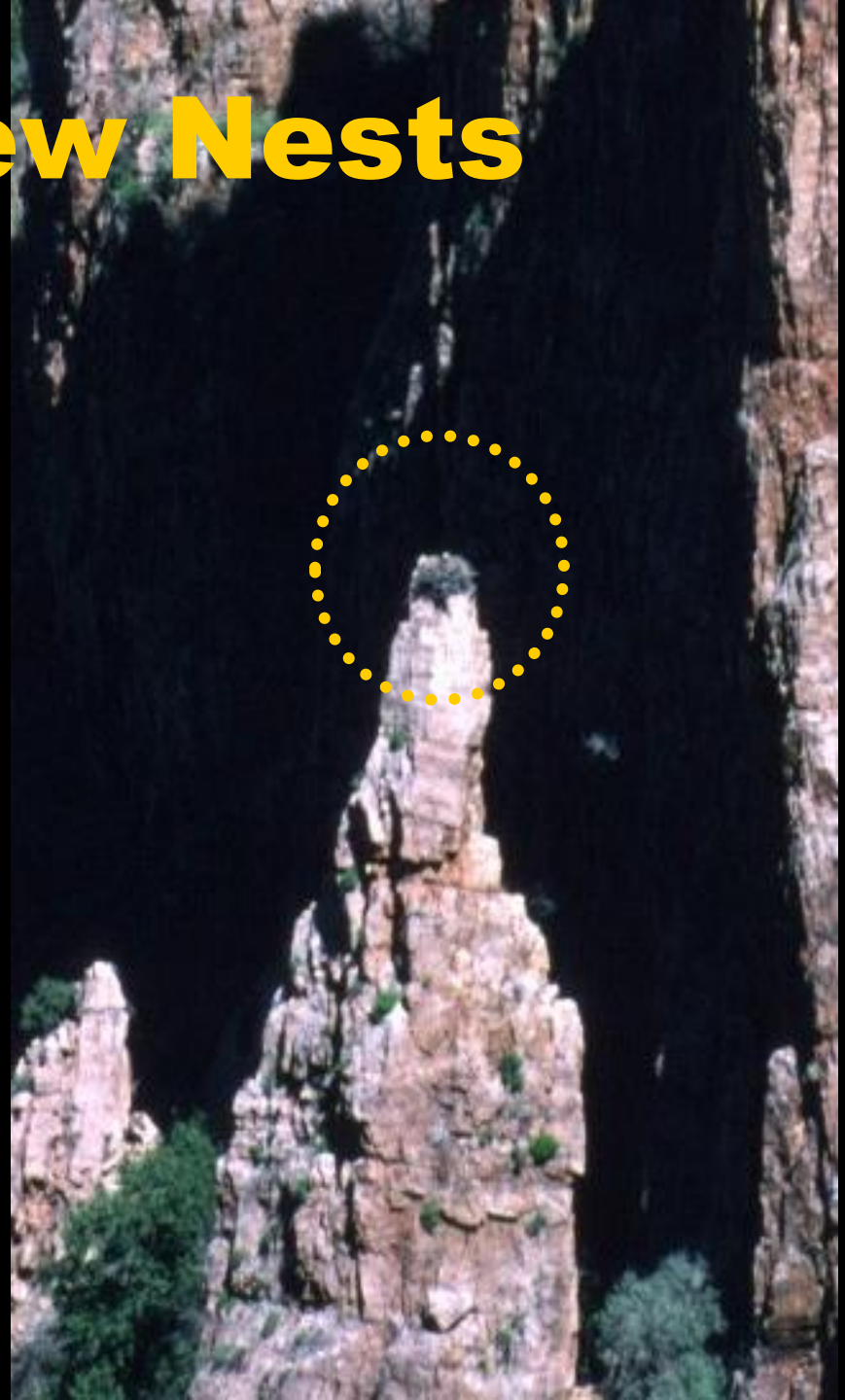
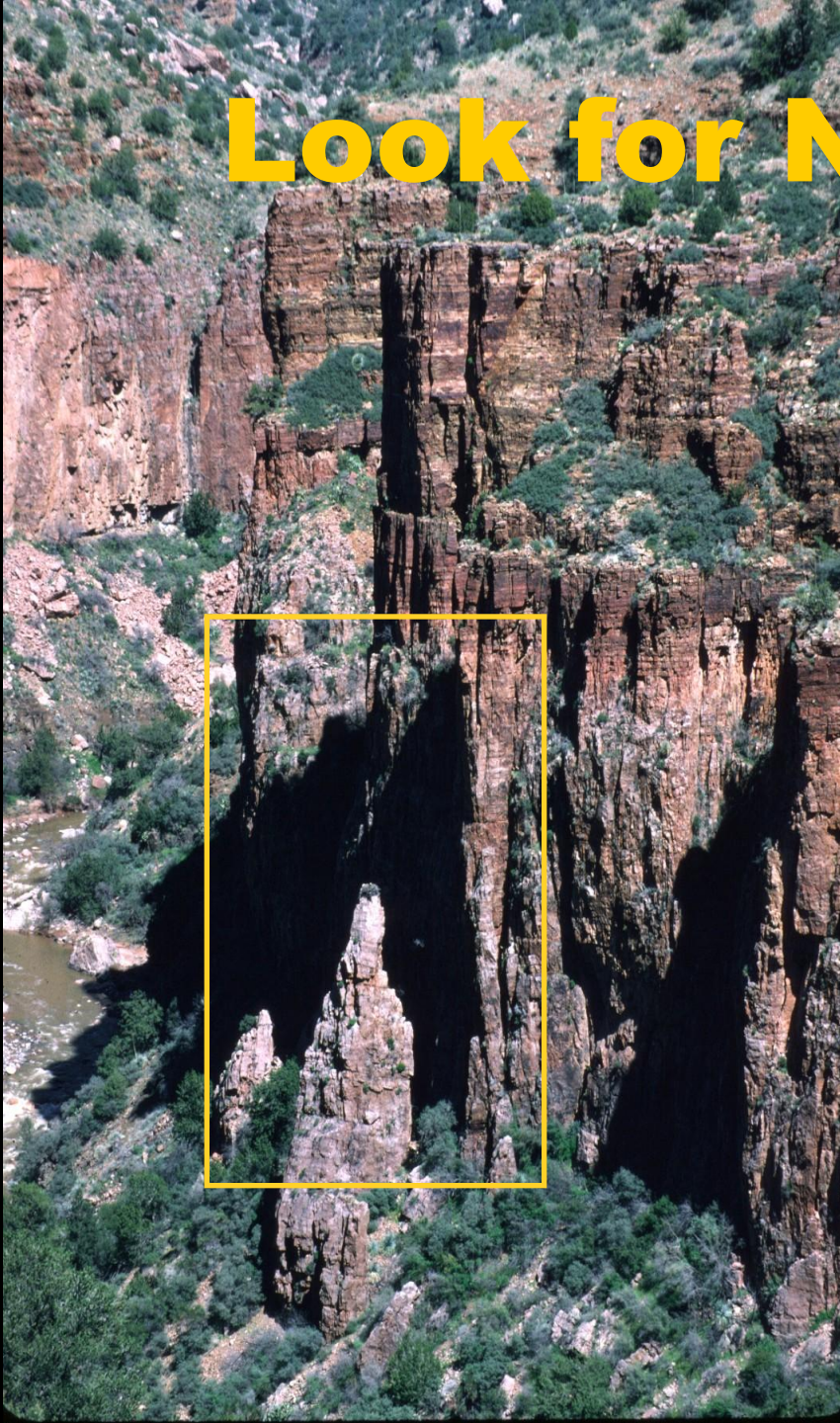
Visual Identification and Banding Project

- Determine natal origin of breeding adults.
- Distribution of Arizona bald eagles throughout their breeding range.
- Replacements, immigration, and emigration into the breeding population.
- Movements within Arizona's population.
- Occurrence of inbreeding and level of isolation in Arizona.
- Age of first breeding, longevity and tenure within a pair.
- Evidence for or against a distinct vertebrate population classification.

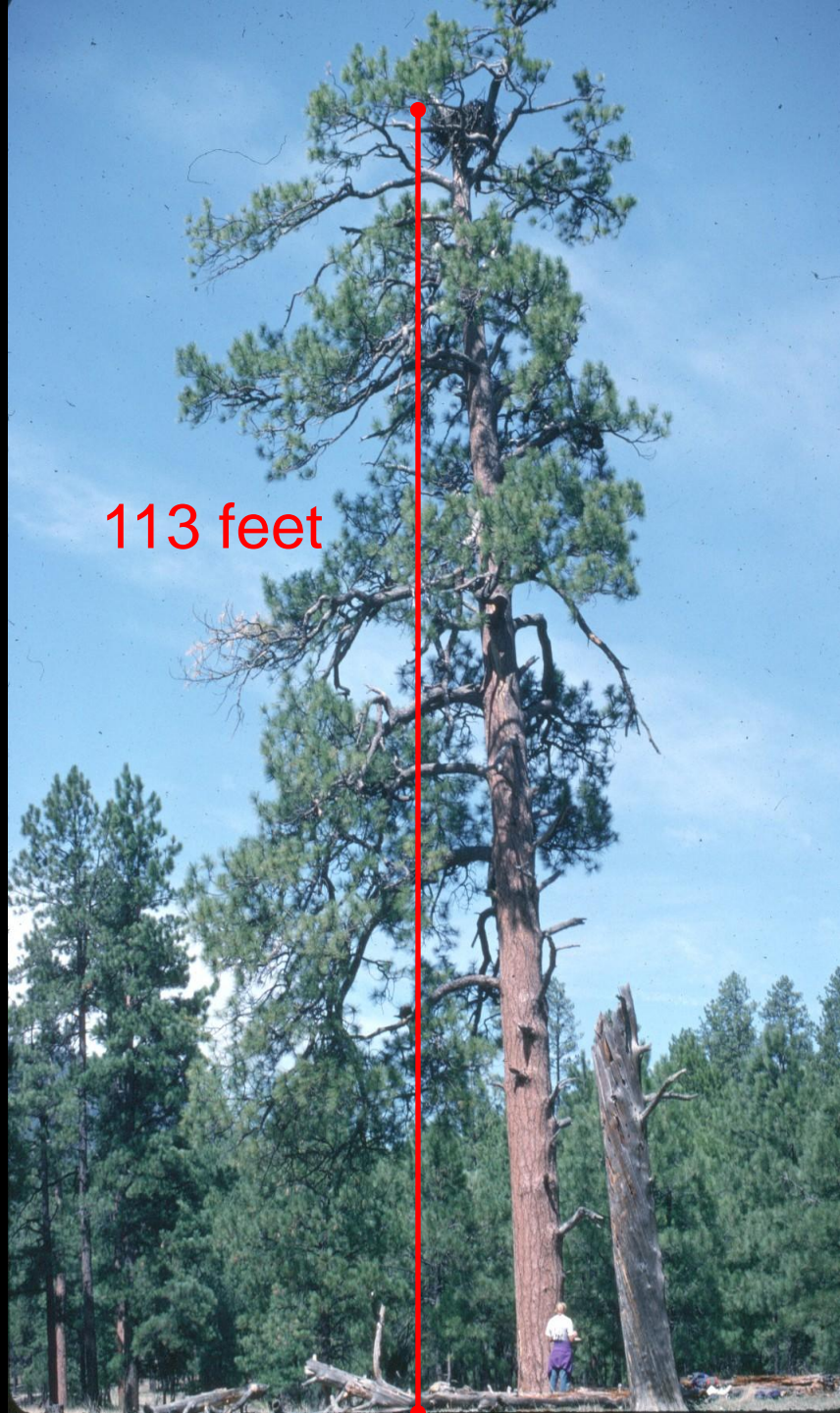




Look for New Nests







113 feet





200 feet

Nearly 1,200 feet











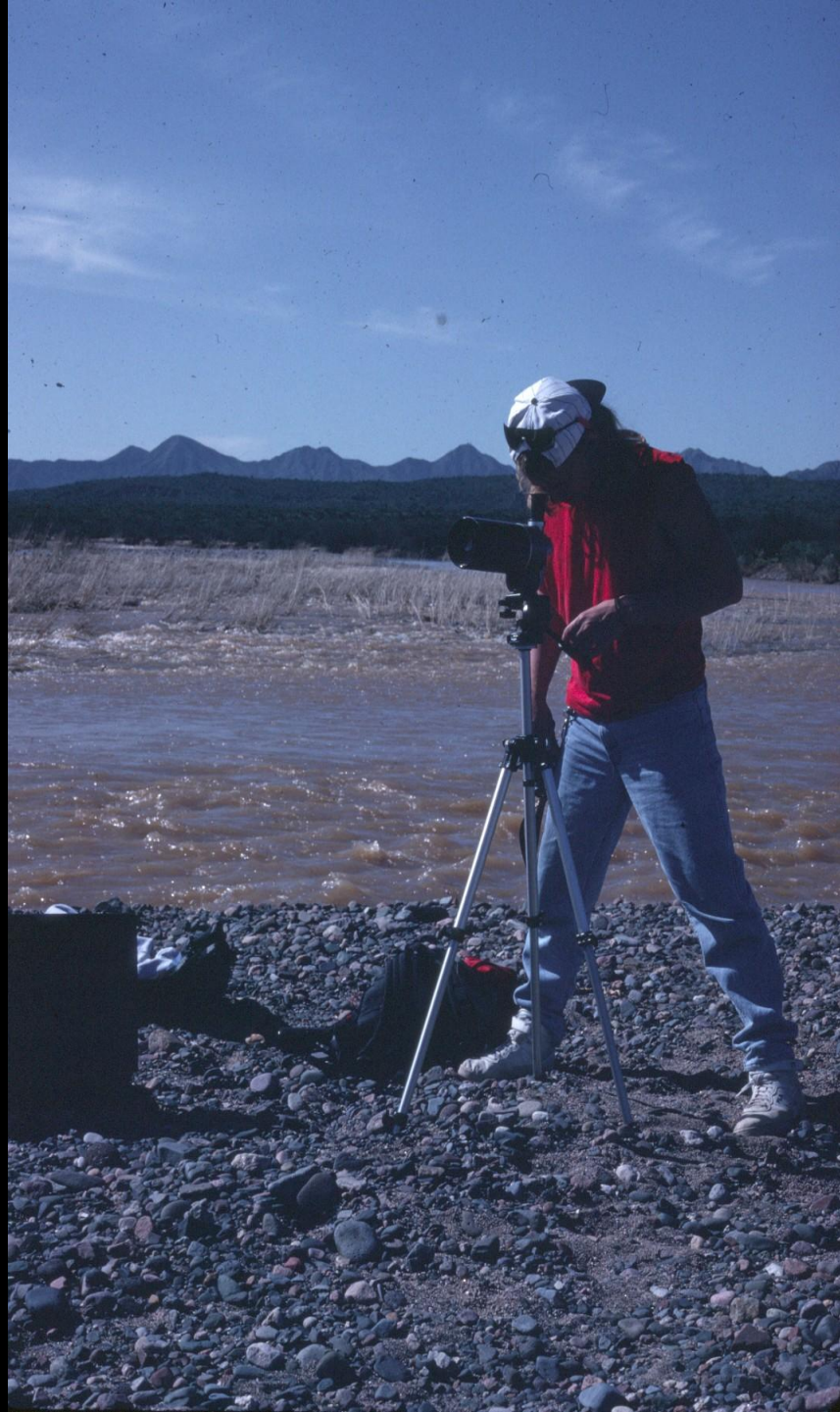




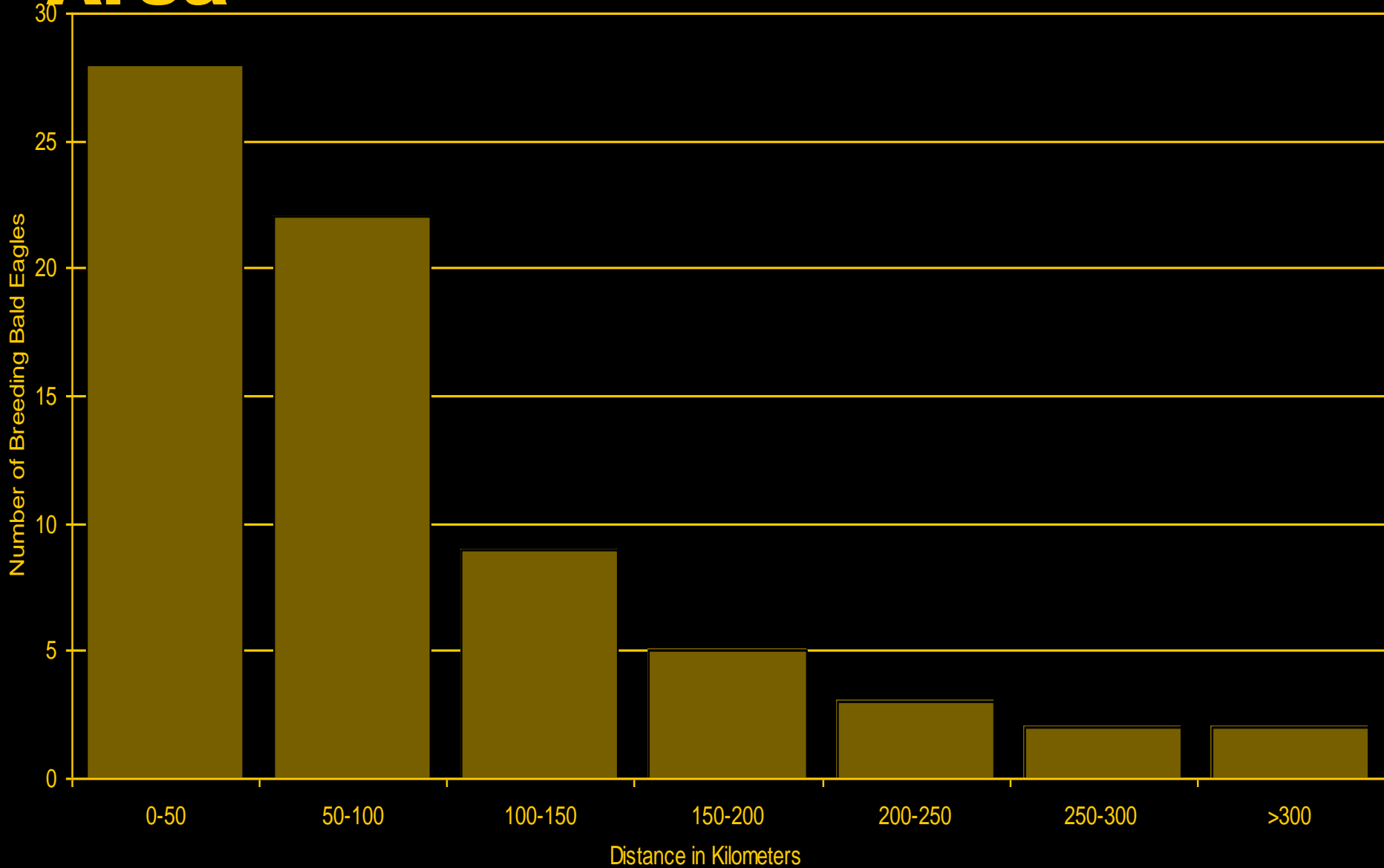








Breeding Distance from Natal Area



WWW.SWBEMC.ORG



Laws Protecting Bald Eagles

- 1900 - Lacey Act
 - Felony
 - 5 years imprisonment
 - \$250,000 per person
 - \$500,000 per organization
 - Misdemeanor
 - 1 year imprisonment
 - \$100,000 per person
 - \$200,000 per organization
- 1918 - Migratory Bird Treaty Act
 - Felony
 - 2 years imprisonment
 - \$250,000 per person
 - \$500,000 per organization
 - Misdemeanor
 - 6 months imprisonment
 - \$5,000 per person
 - \$10,000 per organization
- 1940 - The Bald and Golden Eagle Protection Act.
 - Felony
 - 2 years imprisonment
 - \$250,000 per person
 - \$500,000 per organization
 - Misdemeanor
 - 1 year imprisonment
 - \$100,000 per person
 - \$200,000 per organization