

# *Combining Historic and Recent Data to Identify Trends in Turtle Distribution*

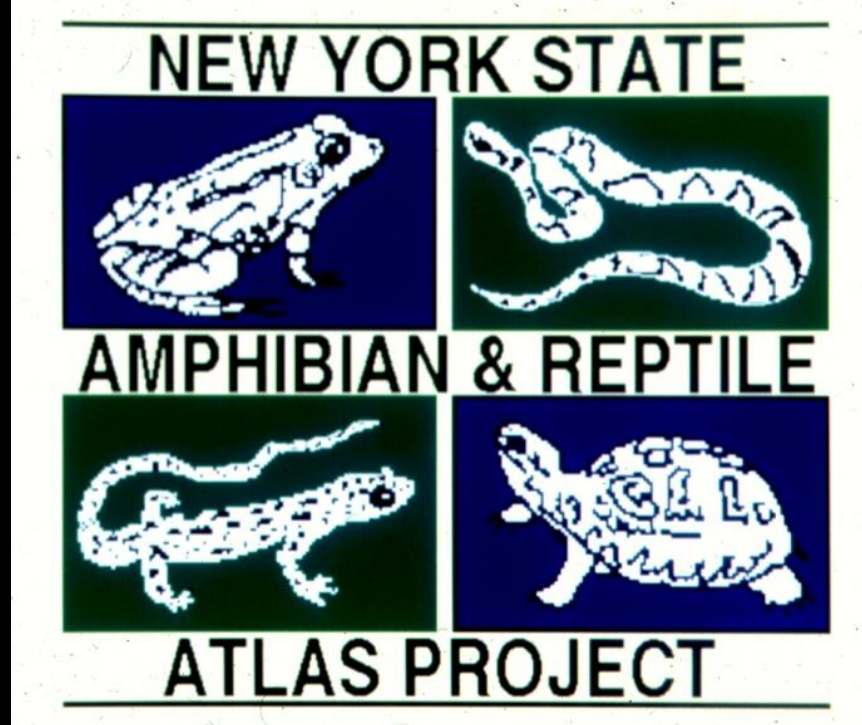
Alvin R. Breisch (retired)

and

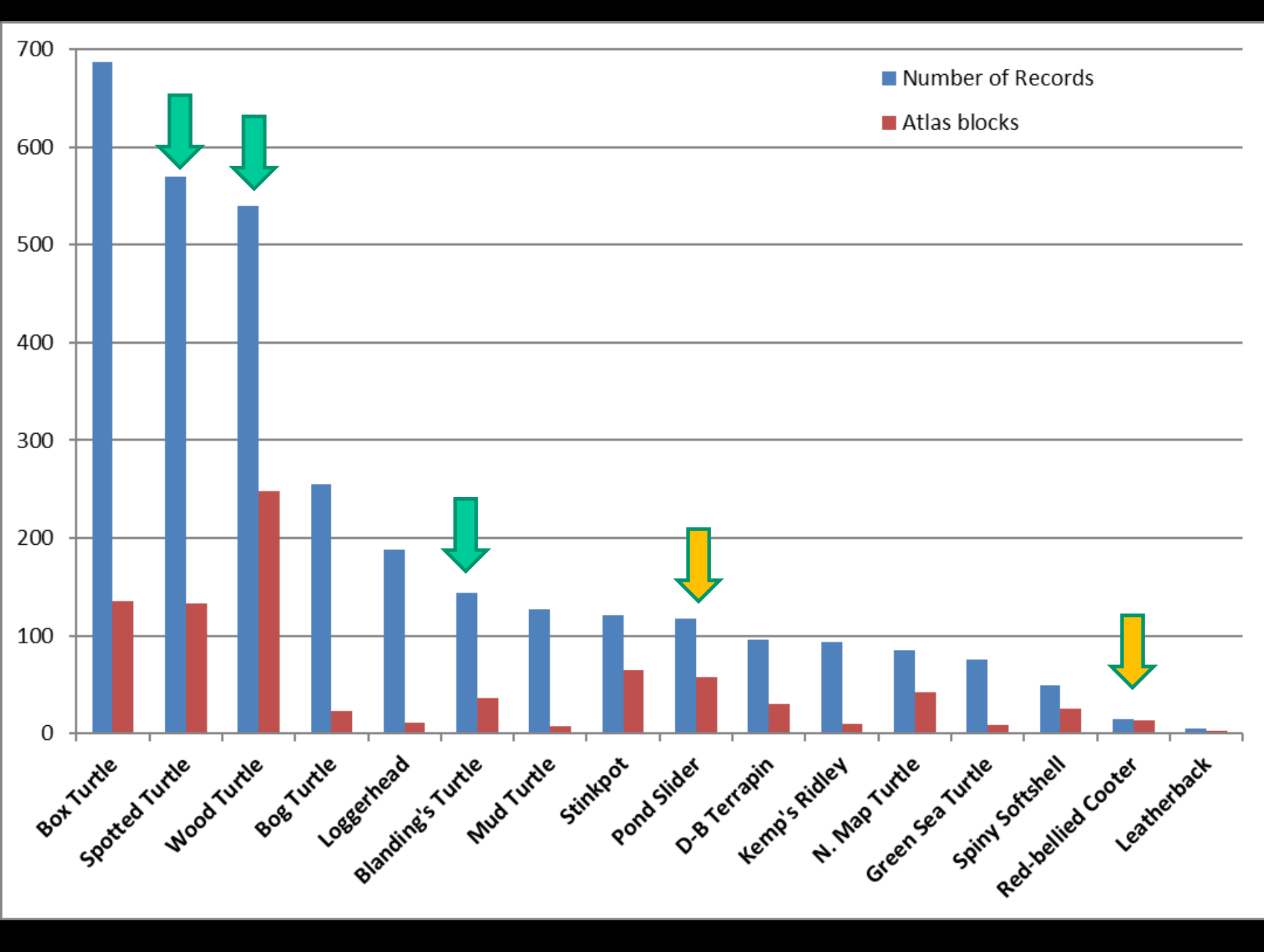
John W. Ozard (retired)

New York State

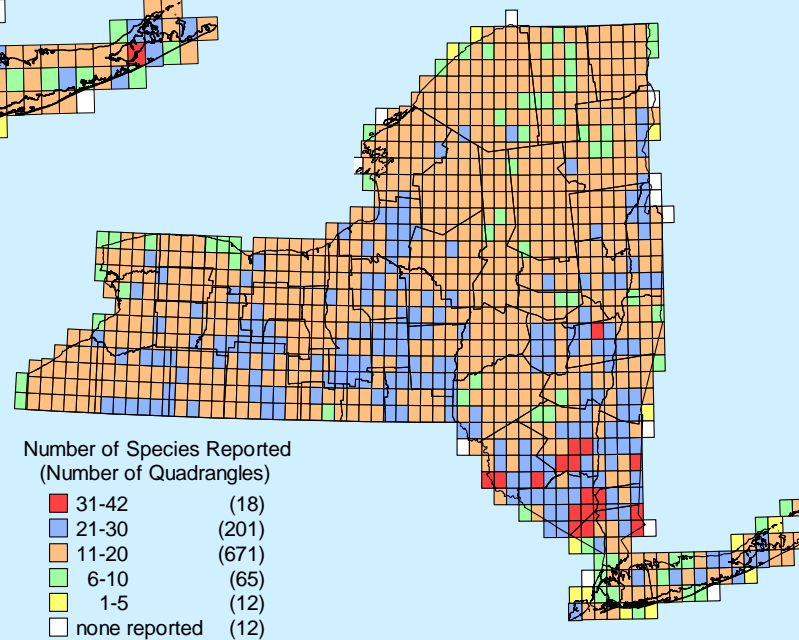
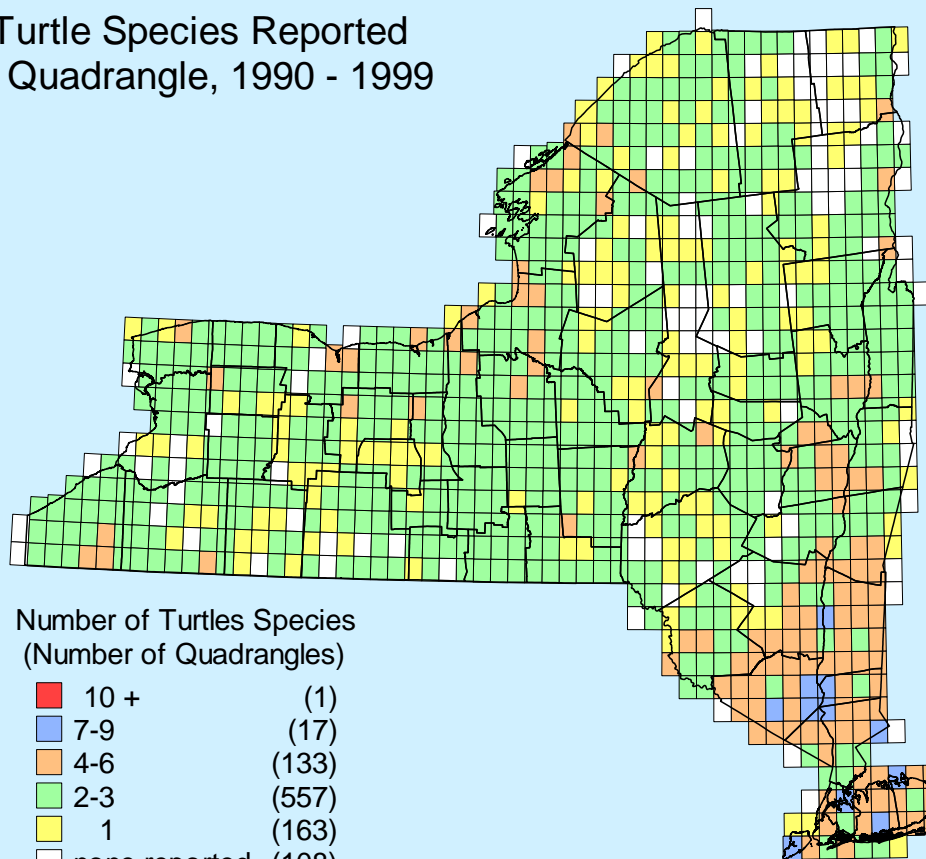
Department of Environmental Conservation

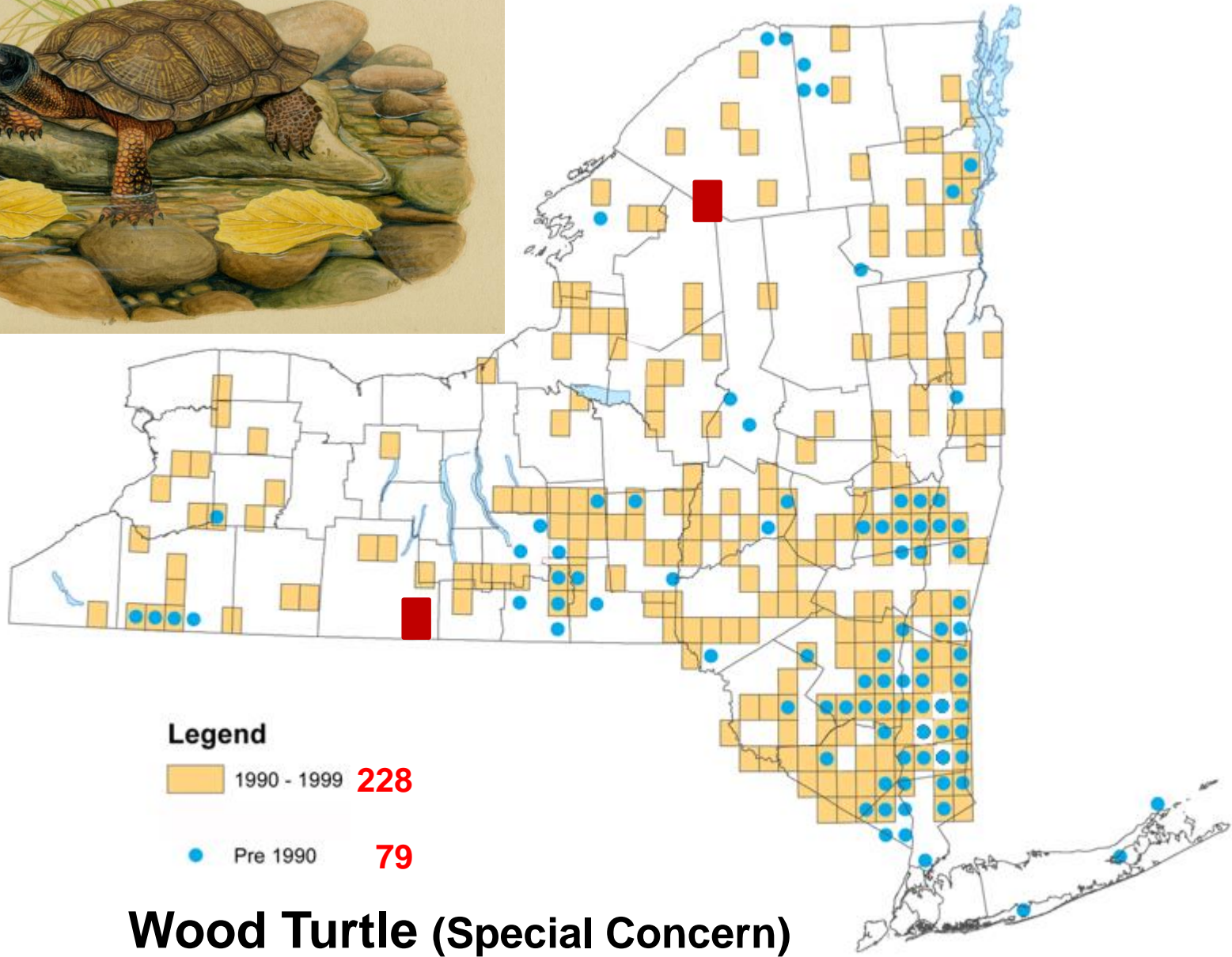


- 1990 to 1999
  - ~64,000 species reports
  - ~35,000 pre-1990 records added
  - Turtles reported in 89% of atlas blocks
- 7945 turtle reports were received - 12.8% of total
  - 16 native + 2 introduced species of turtles



# Turtle Species Reported by Quadrangle, 1990 - 1999



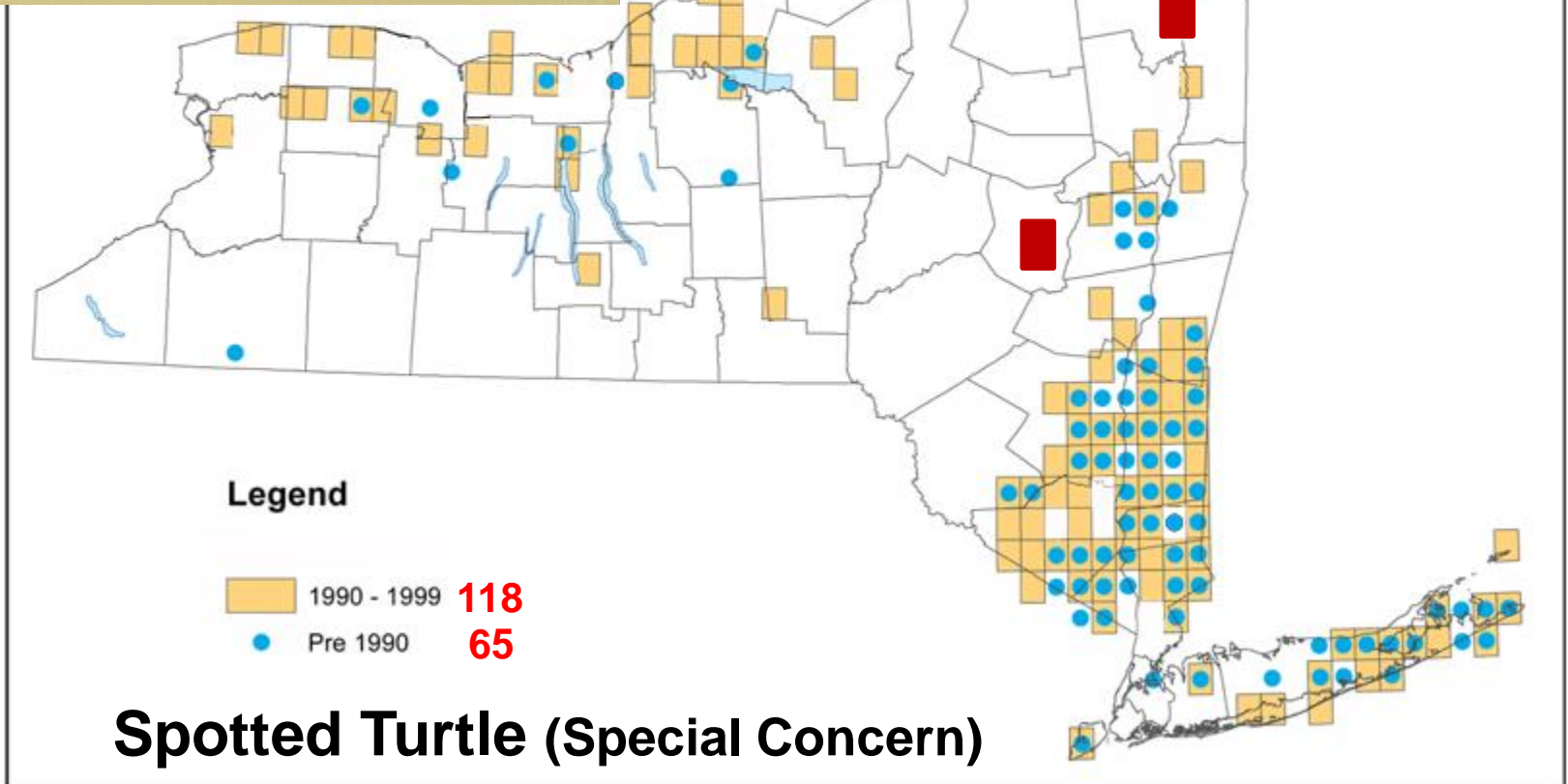


## Wood Turtle (Special Concern)



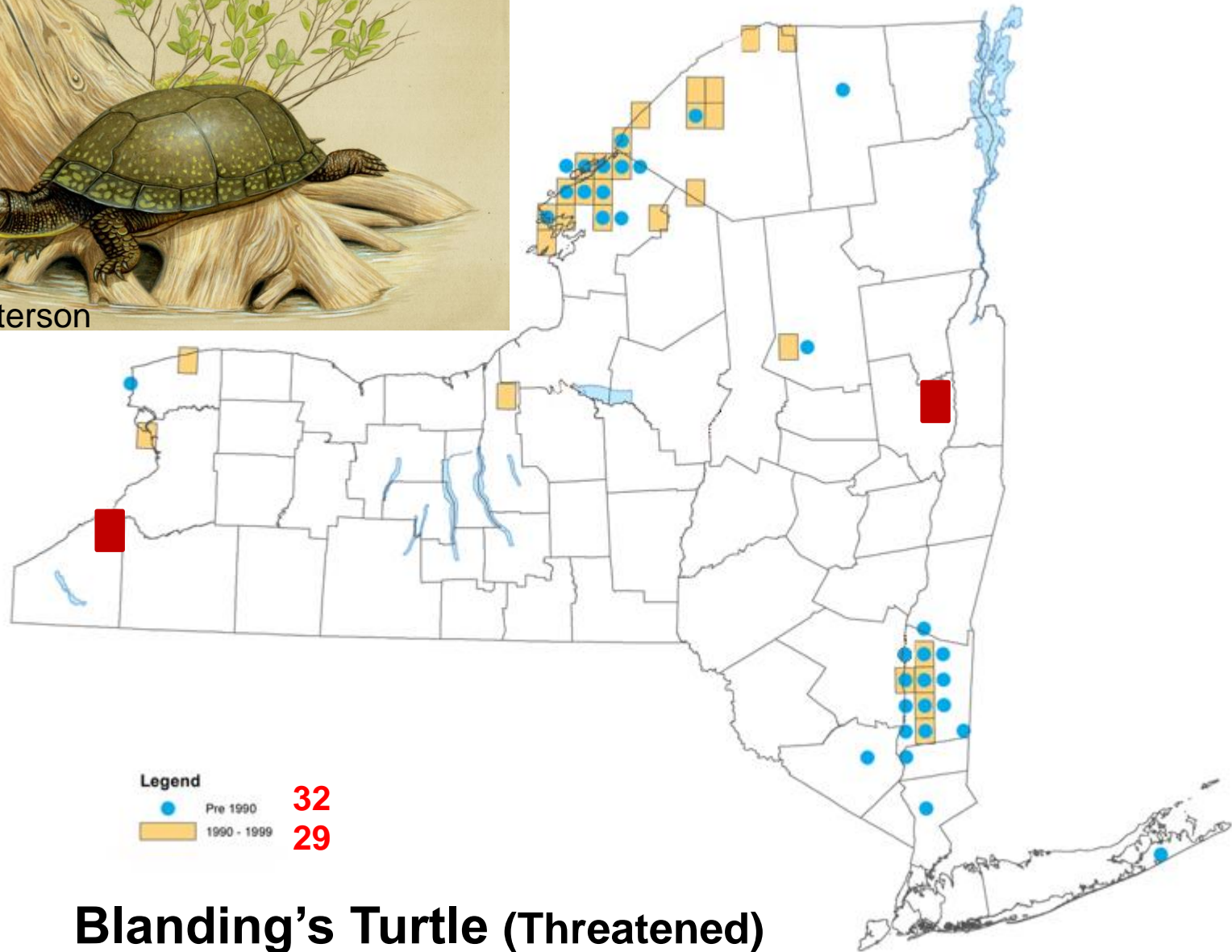


Matt Patterson





Matt Patterson



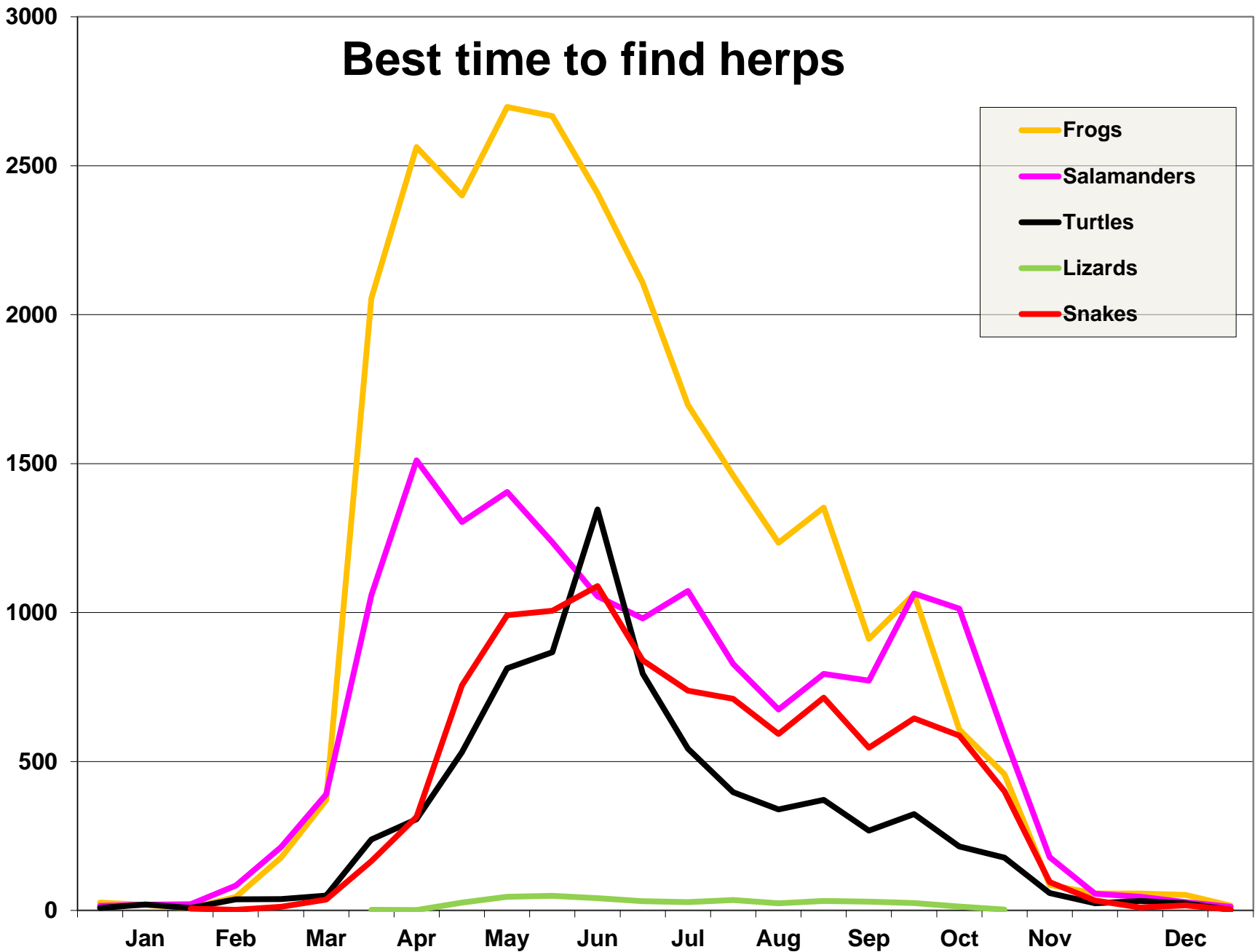
In addition to distribution,  
what else can we learn from  
herp atlas data?

- Every record lists the date
- Every record has verification codes associated with it

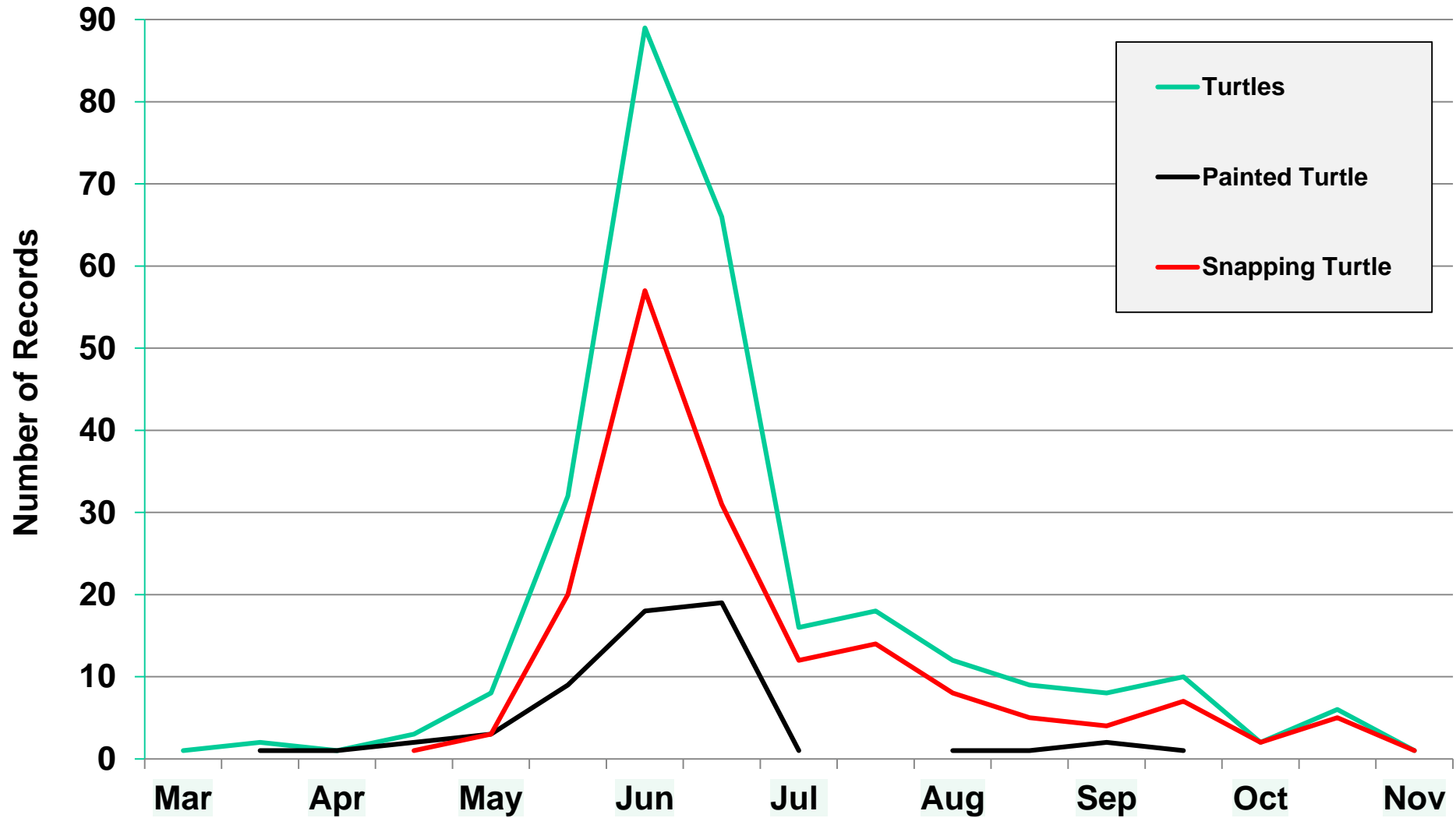


# Best time to find herps

Number of Records



# Egg Dates

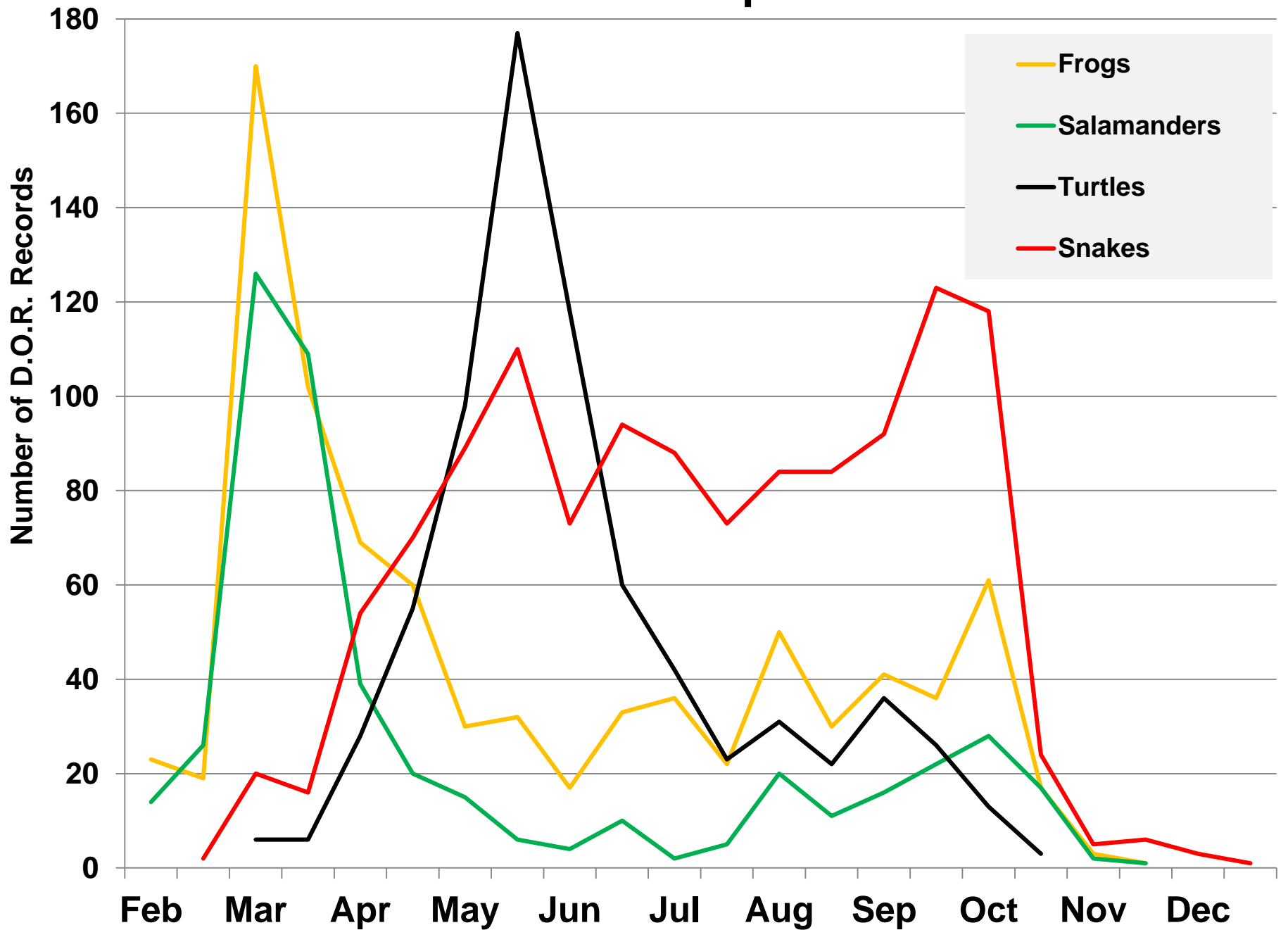


Roadkill



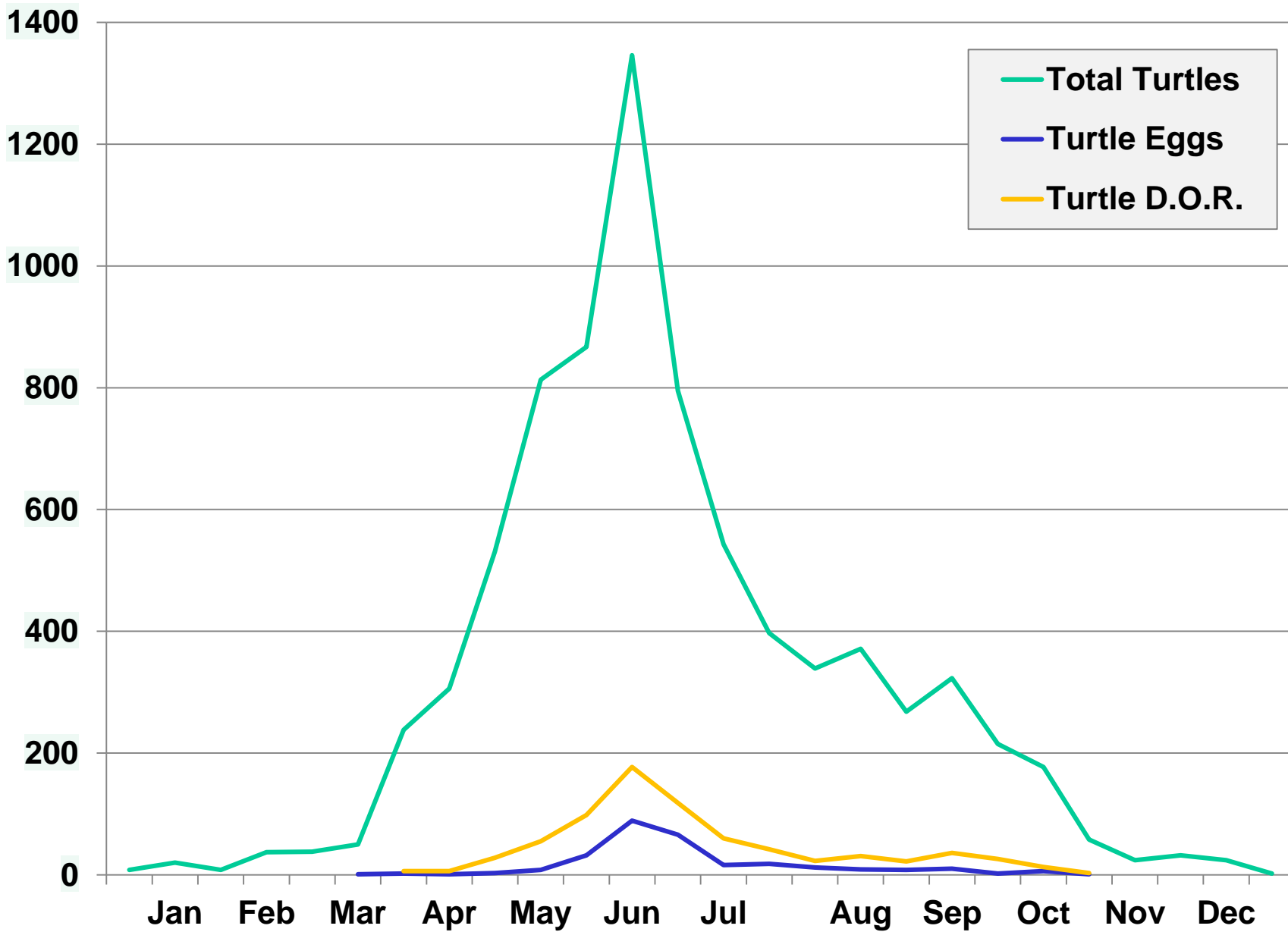
	<b>Reports</b>	<b>D.O.R</b>	<b>% D.O.R.</b>
<b>Lizards</b>	<b>399</b>	<b>-0-</b>	<b>-0-</b>
<b>Turtles</b>	<b>7,762</b>	<b>746</b>	<b>9.2%</b>
<b>Snakes</b>	<b>10,255</b>	<b>1,231</b>	<b>11.2%</b>
<b>Salamanders</b>	<b>14,393</b>	<b>499</b>	<b>3.3%</b>
<b>Frogs</b>	<b>26,341</b>	<b>858</b>	<b>3.1%</b>

# Roadkill Herps

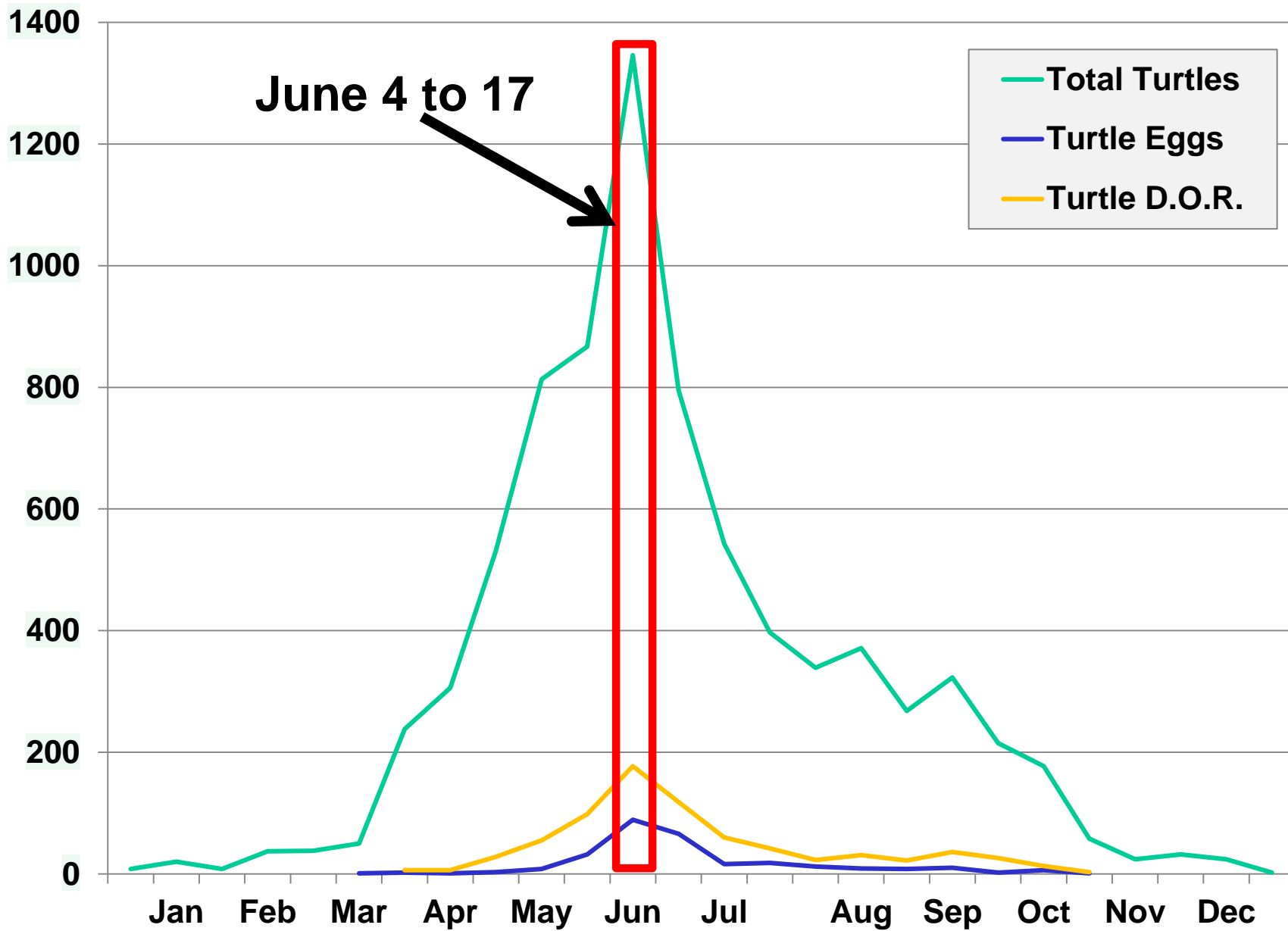




Number of records



Number of records



# Special Thanks to:

- Matt Patterson
- Kim Corwin
- Chris Vitale
- Ariana Breisch Newell
- Kirstin Breisch Russell

