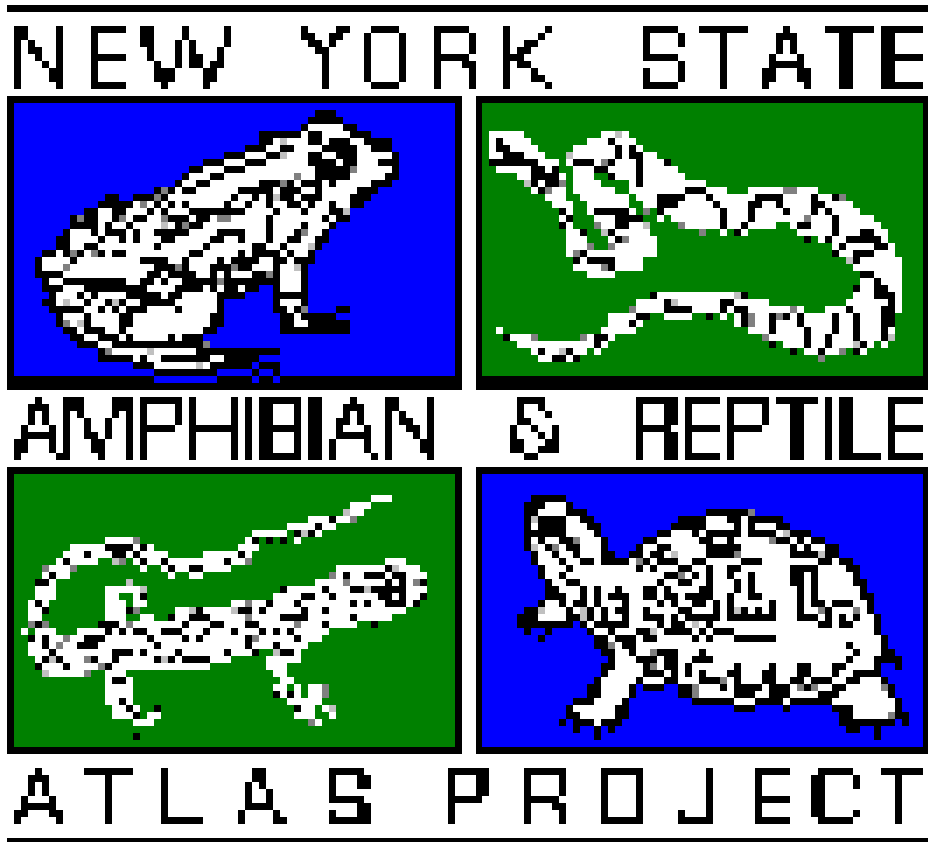


# NYSDEC Herp Atlas Project

## Salamander Distribution Map



Department of  
Environmental  
Conservation

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## About The Herp Atlas Project

The word "herp" is short for herpetofauna, which is the general term for amphibians and reptiles as a group. Frogs, toads, and salamanders are amphibians. Turtles, snakes, and lizards are reptiles.

The Amphibian & Reptile Atlas Project (Herp Atlas) was a ten-year survey (1990-1999) that was designed to document the geographic distribution of New York State's herpetofauna. There are approximately 70 species of amphibians and reptiles in New York State. They occur in a wide variety of habitats from the Adirondack Mountains to the Finger Lakes to Long Island's ocean waters, as well as in the cities and suburbs in between. Records prior to 1989 were also sought, and together the data was combined to form an overall NYS herpetological database.

The unit of measurement for collecting atlas data is the USGS 7.5 minute topographic quadrangle. The goal was to record at least 20 species in each of these quadrangles. Some quadrangles, such as those in the lower Hudson Valley, have many more species present. Others, such as those in the Adirondacks and where there are high human populations, have fewer.

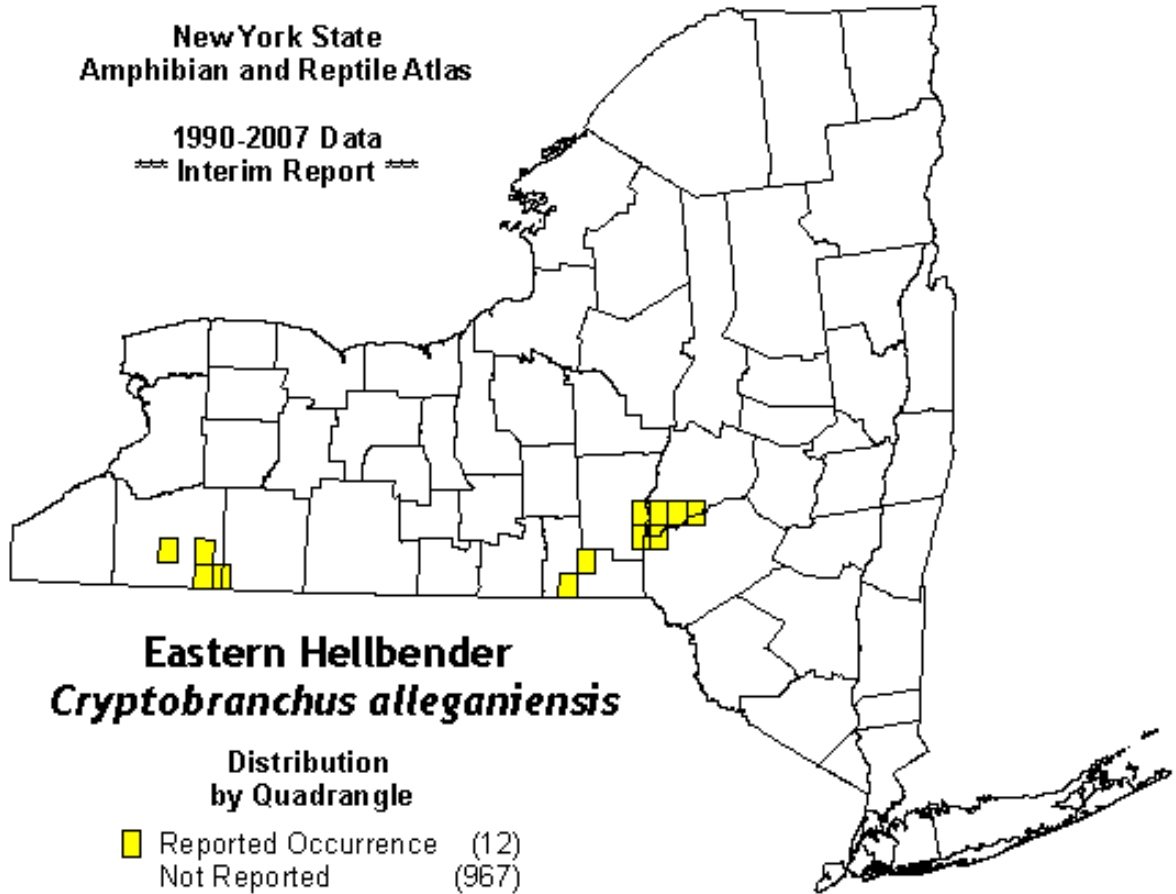
## Purpose of the Herp Atlas Project

In order to monitor changes in populations and to make sound management decisions, we must have a reliable information base from which to work. The information gathered on the current status of our populations will help us to document what changes may be taking place.

In the past decade or two there has been much discussion concerning the status of populations of amphibians. While there seems to be a general decline in this group of animals, long-term monitoring projects are the only way to address this problem with scientific accuracy.

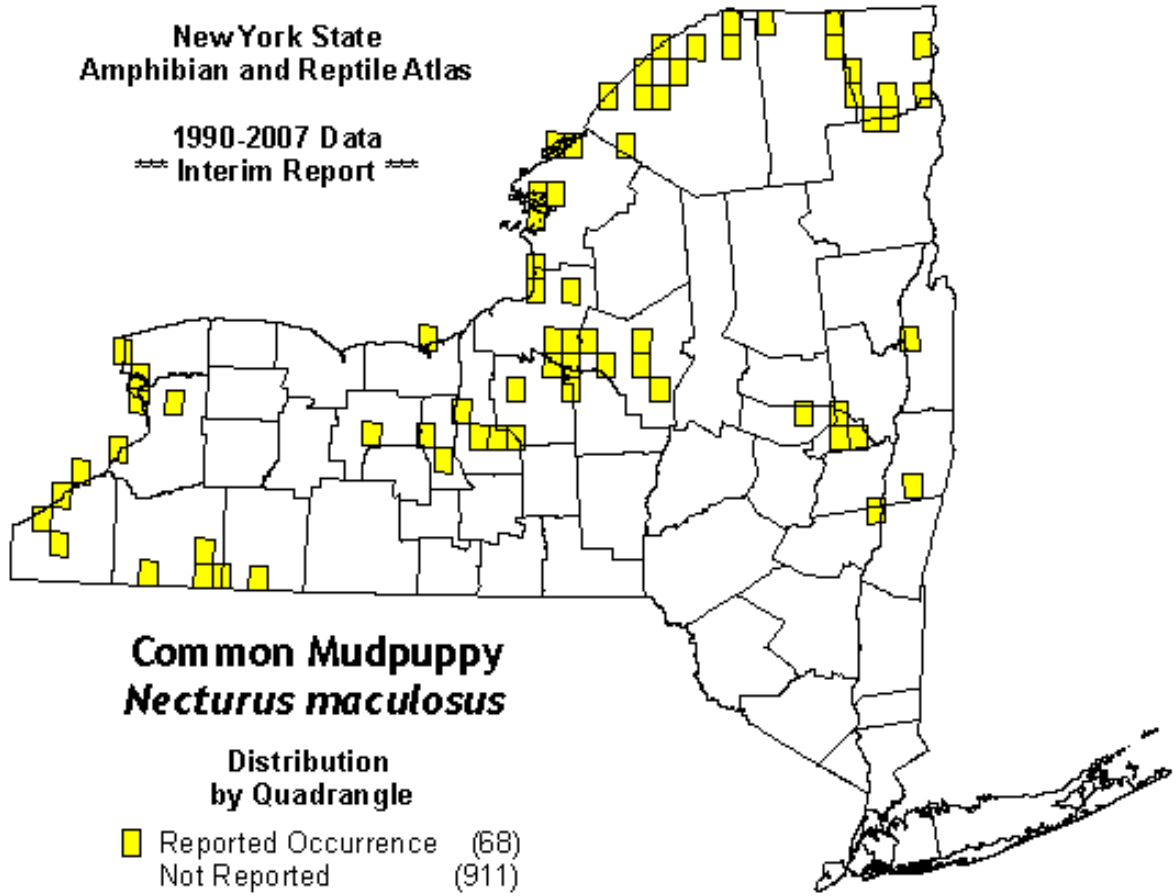
# Eastern Hellbender

*Cryptobranchus a. alleganiensis*



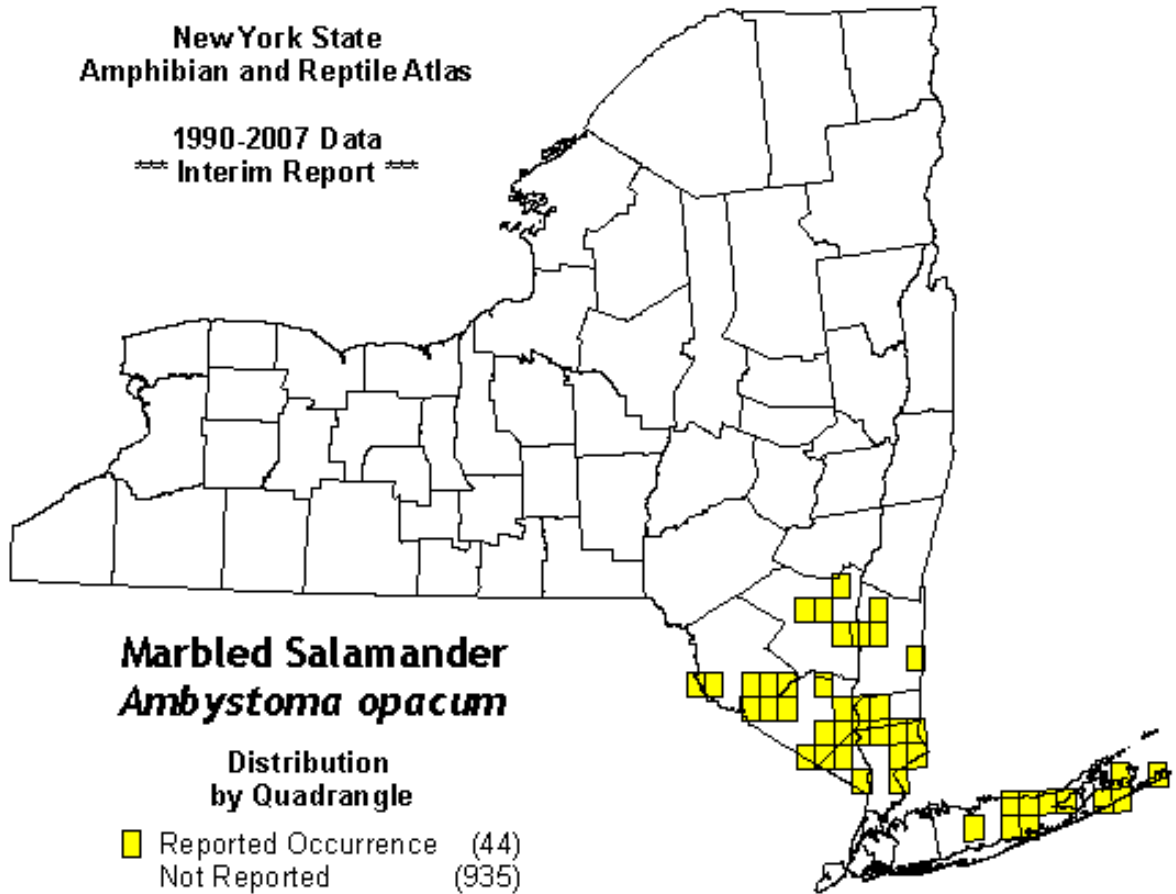
# Common Mudpuppy

*Necturus maculosus*



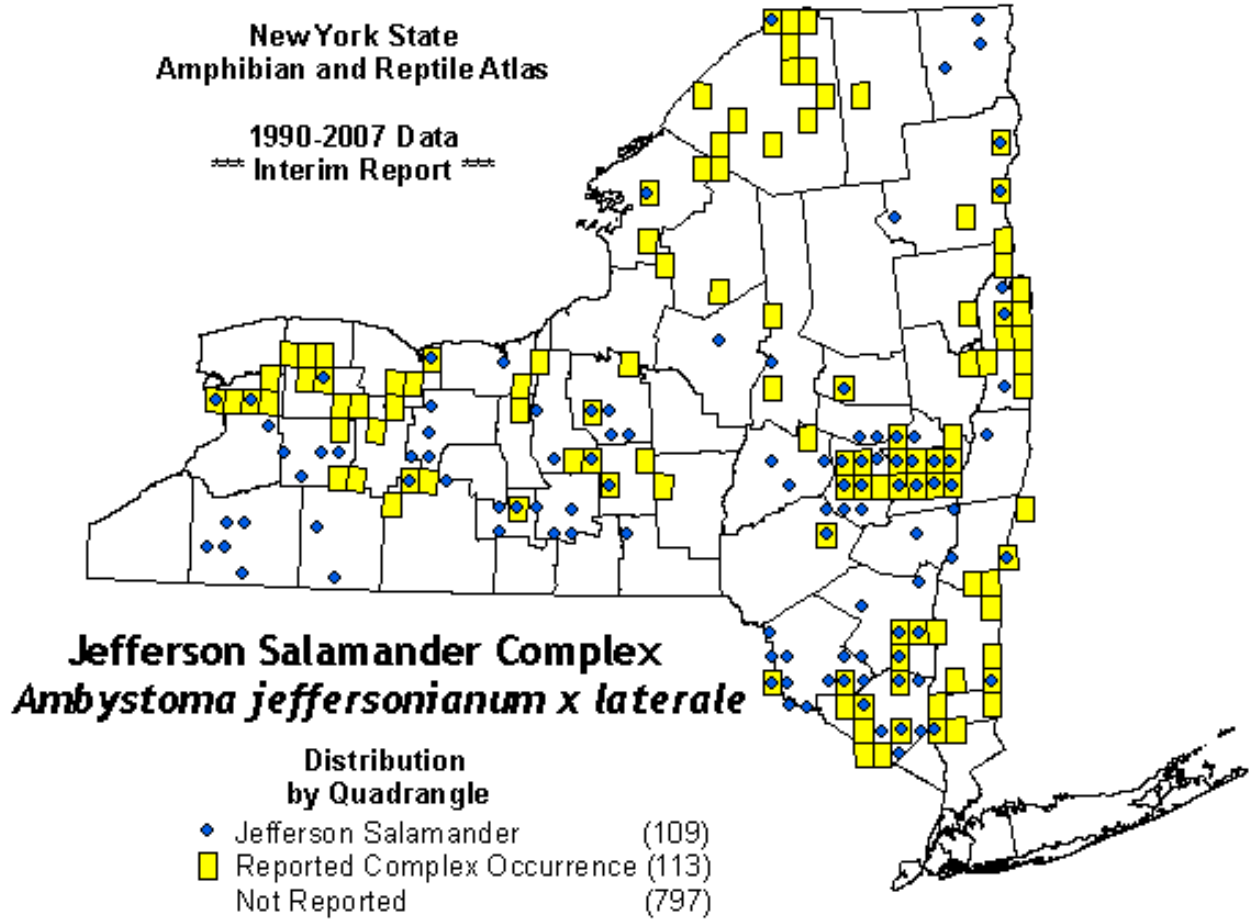
# Marbled Salamander

*Ambystoma opacum*



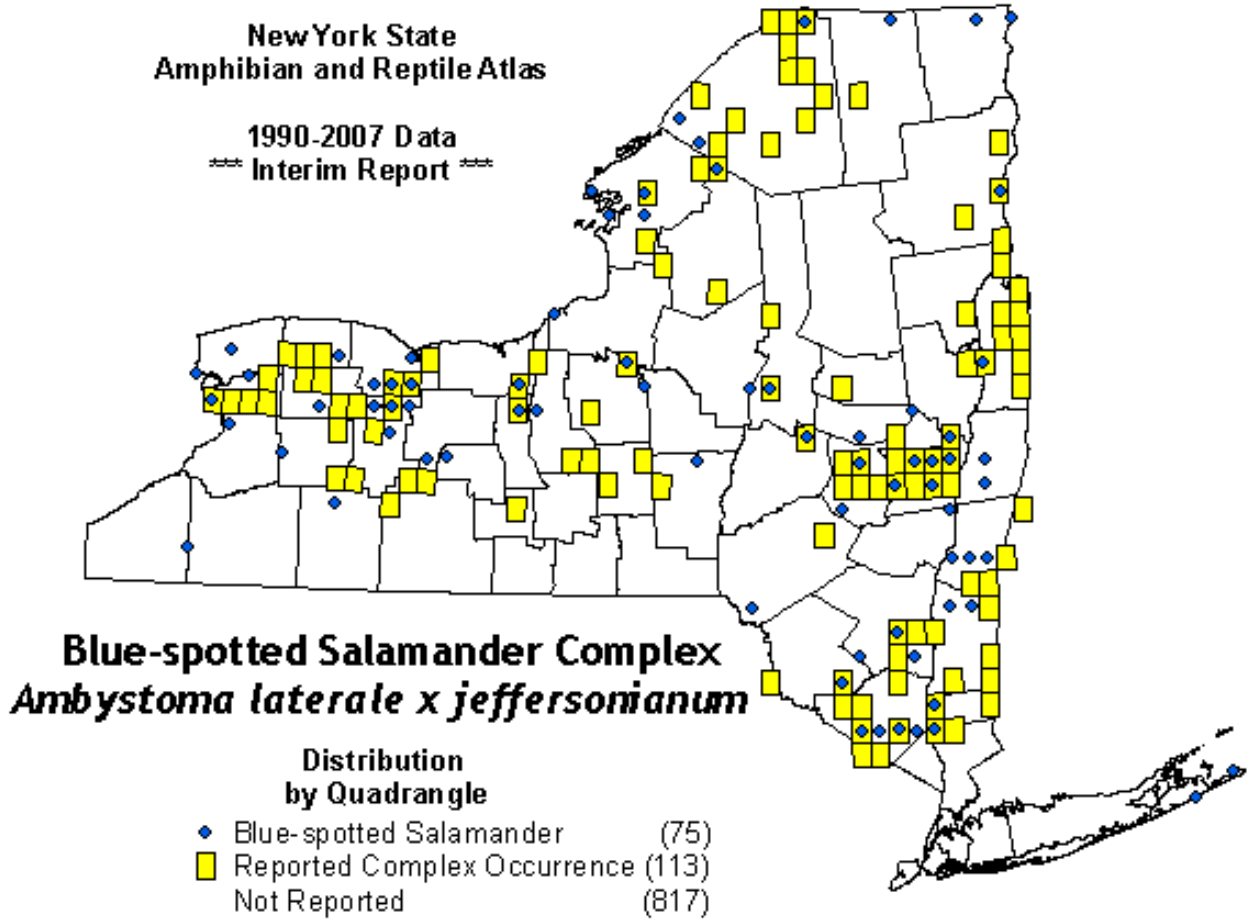
# Jefferson Salamander

*Ambystoma jeffersonianum*



# Blue-spotted Salamander

*Ambystoma laterale*



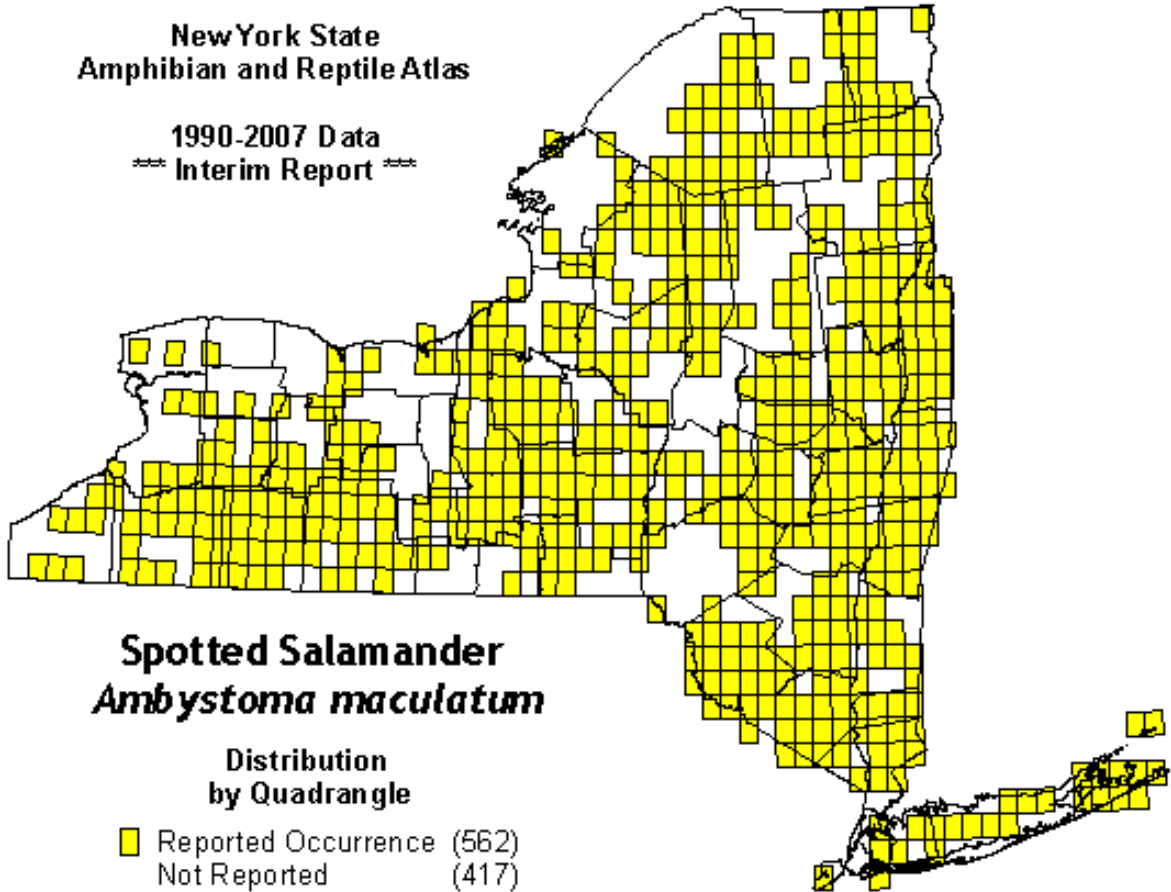


# Spotted Salamander

*Ambystoma maculatum*

New York State  
Amphibian and Reptile Atlas

1990-2007 Data  
\*\*\* Interim Report \*\*\*

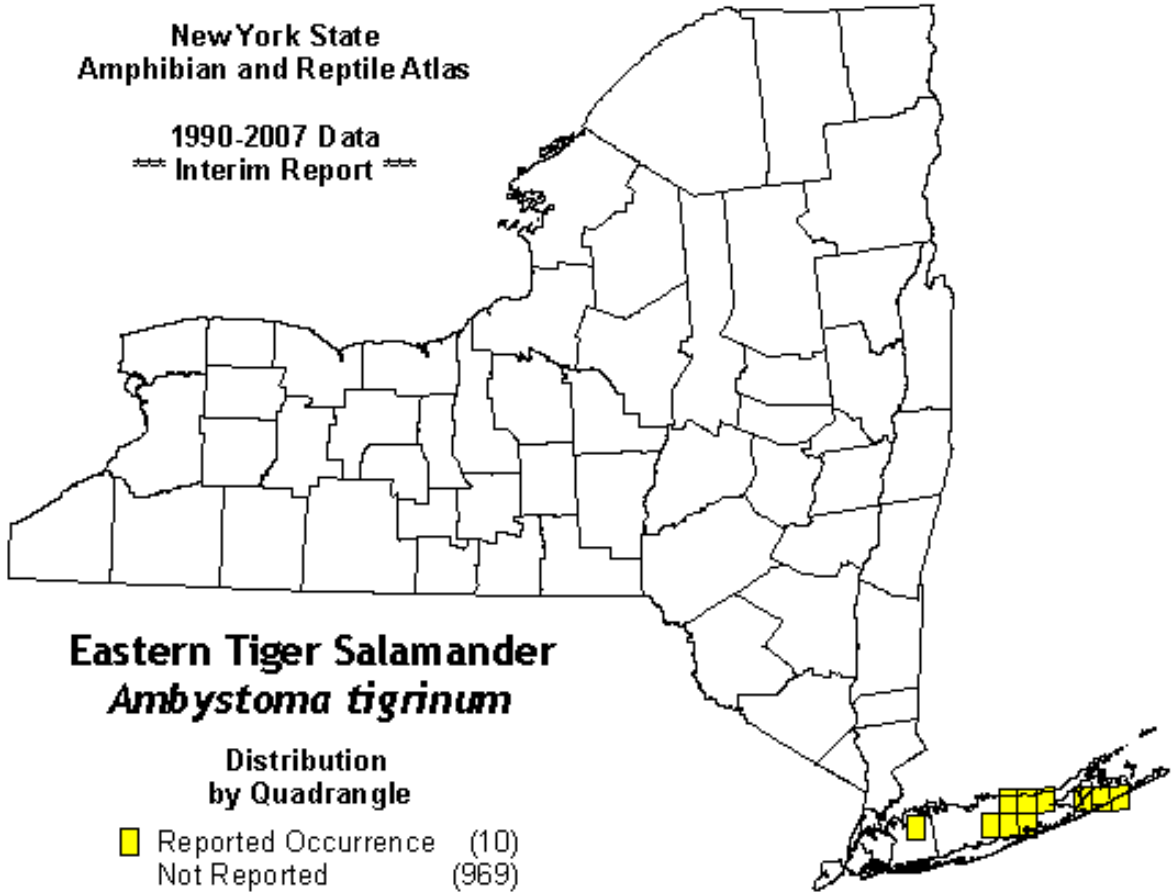


# Eastern Tiger Salamander

*Ambystoma tigrinum*

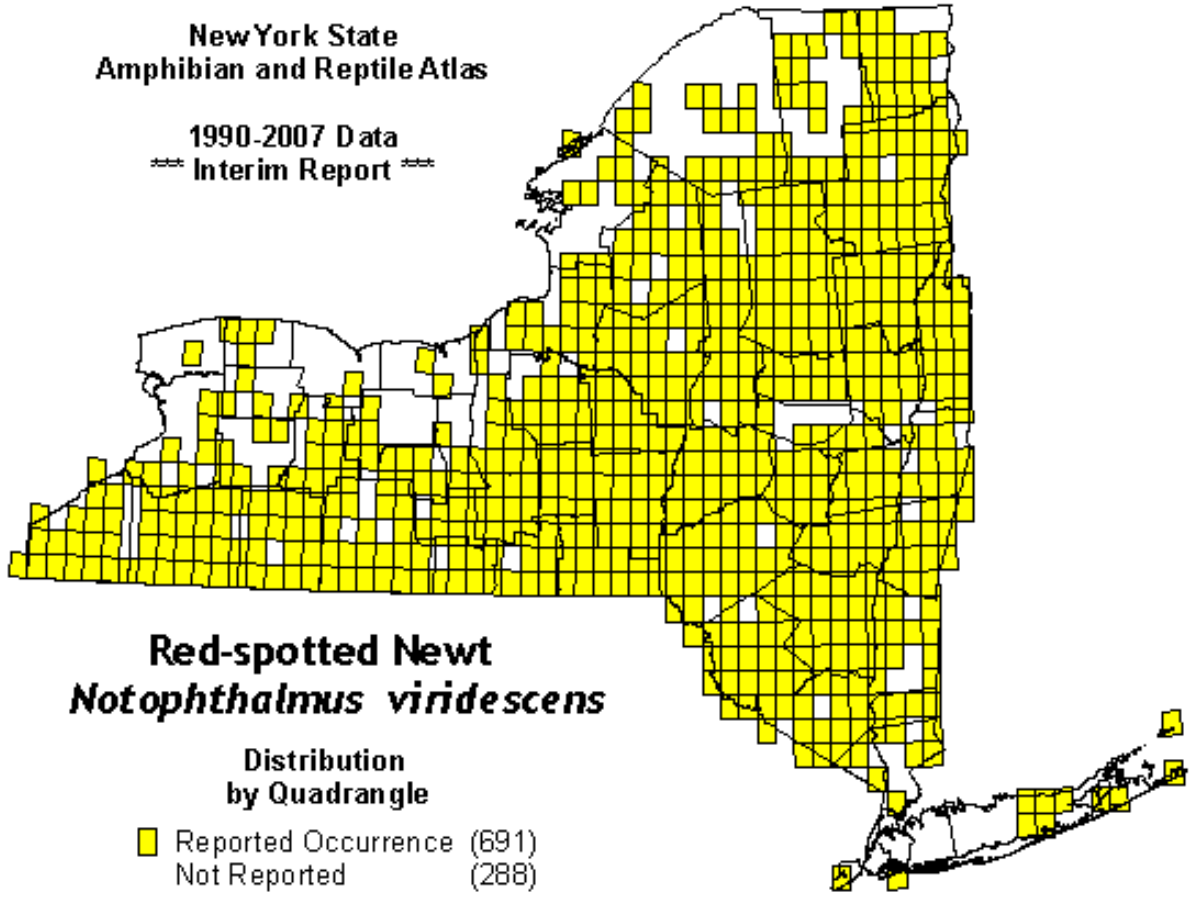
New York State  
Amphibian and Reptile Atlas

1990-2007 Data  
\*\*\* Interim Report \*\*\*



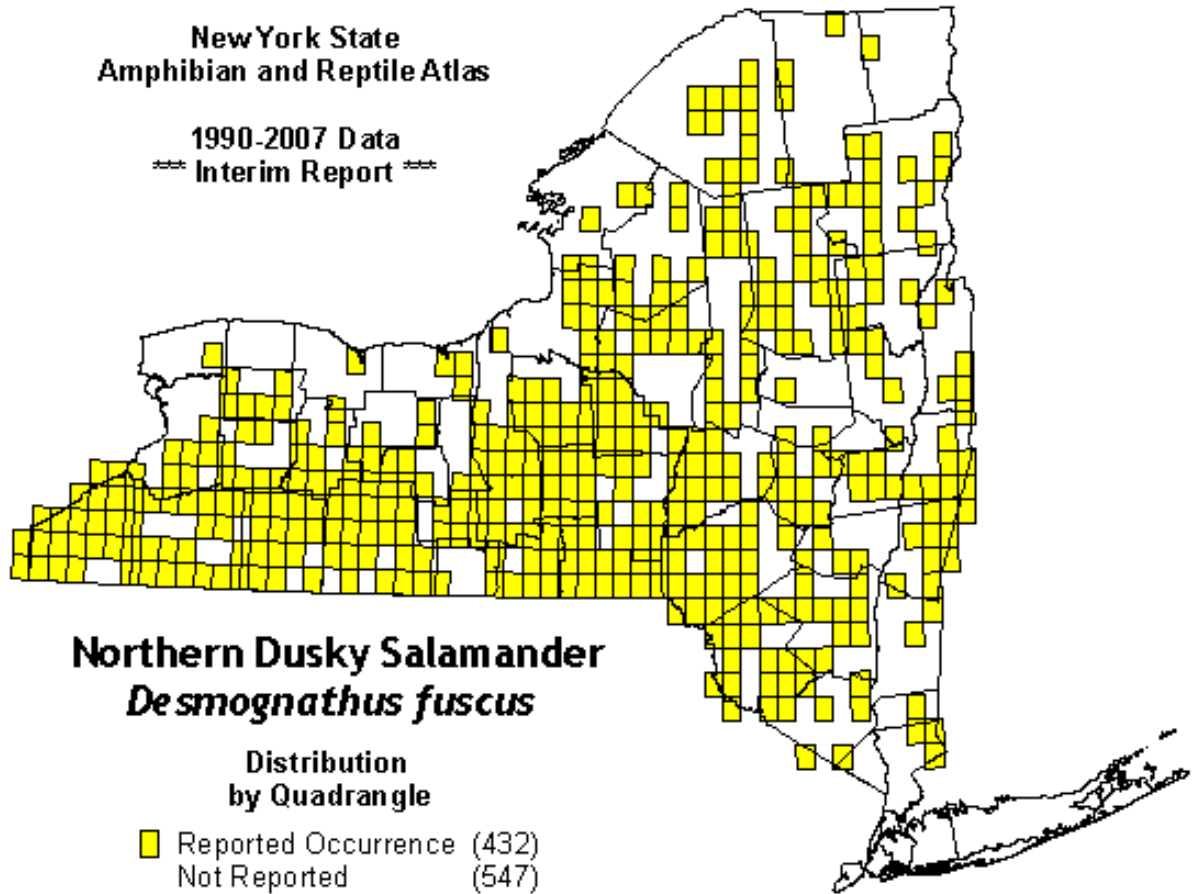
# Red-spotted Newt

*Notophthalmus v. viridescens*



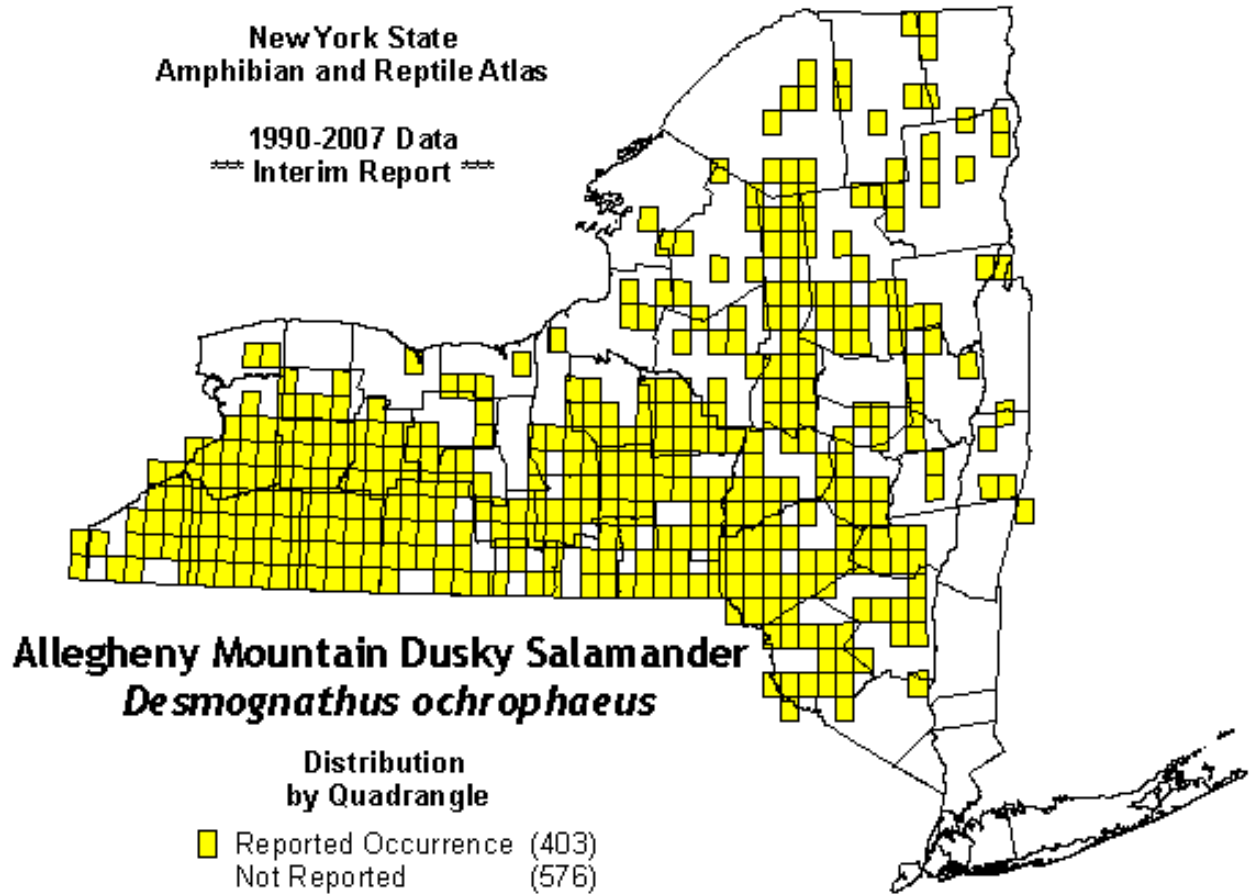
# Northern Dusky Salamander

*Desmognathus fuscus*



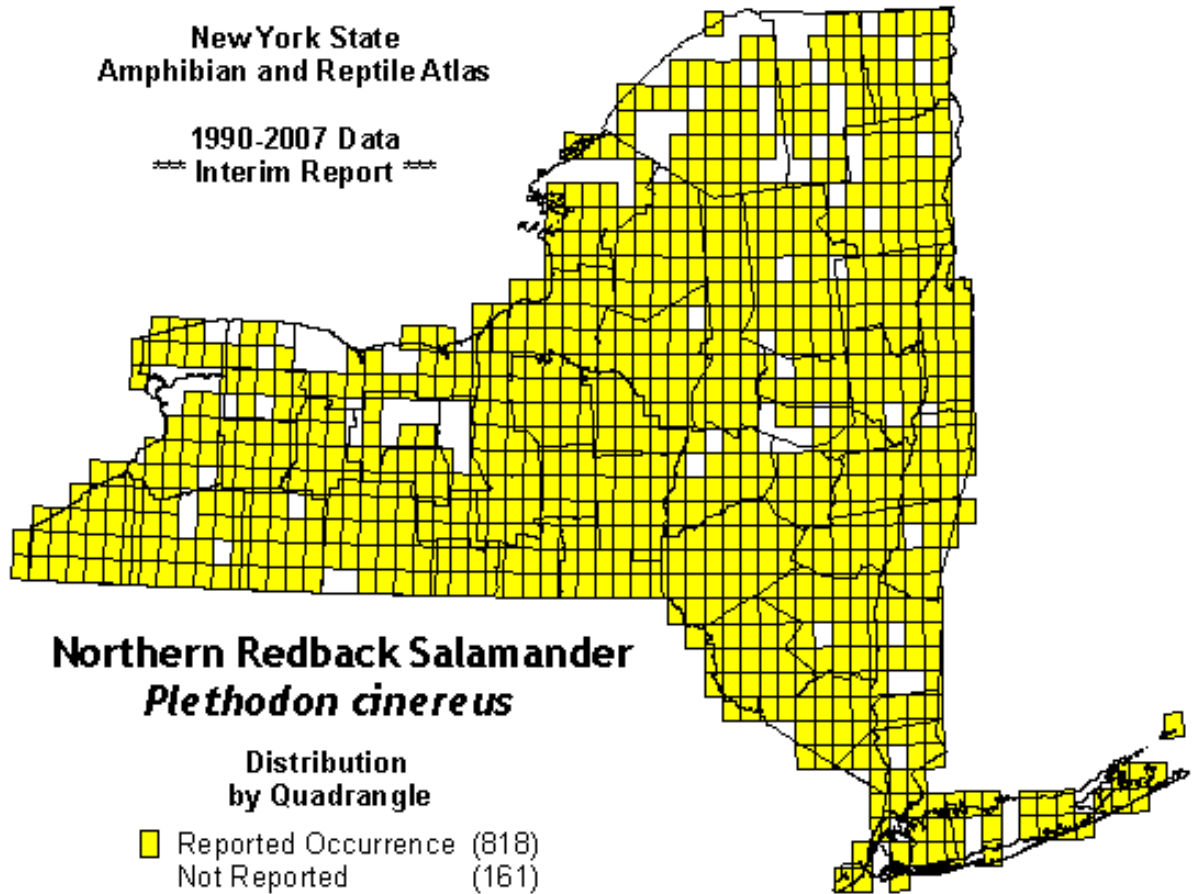
# Allegheny Dusky Salamander

*Desmognathus ochrophaeus*



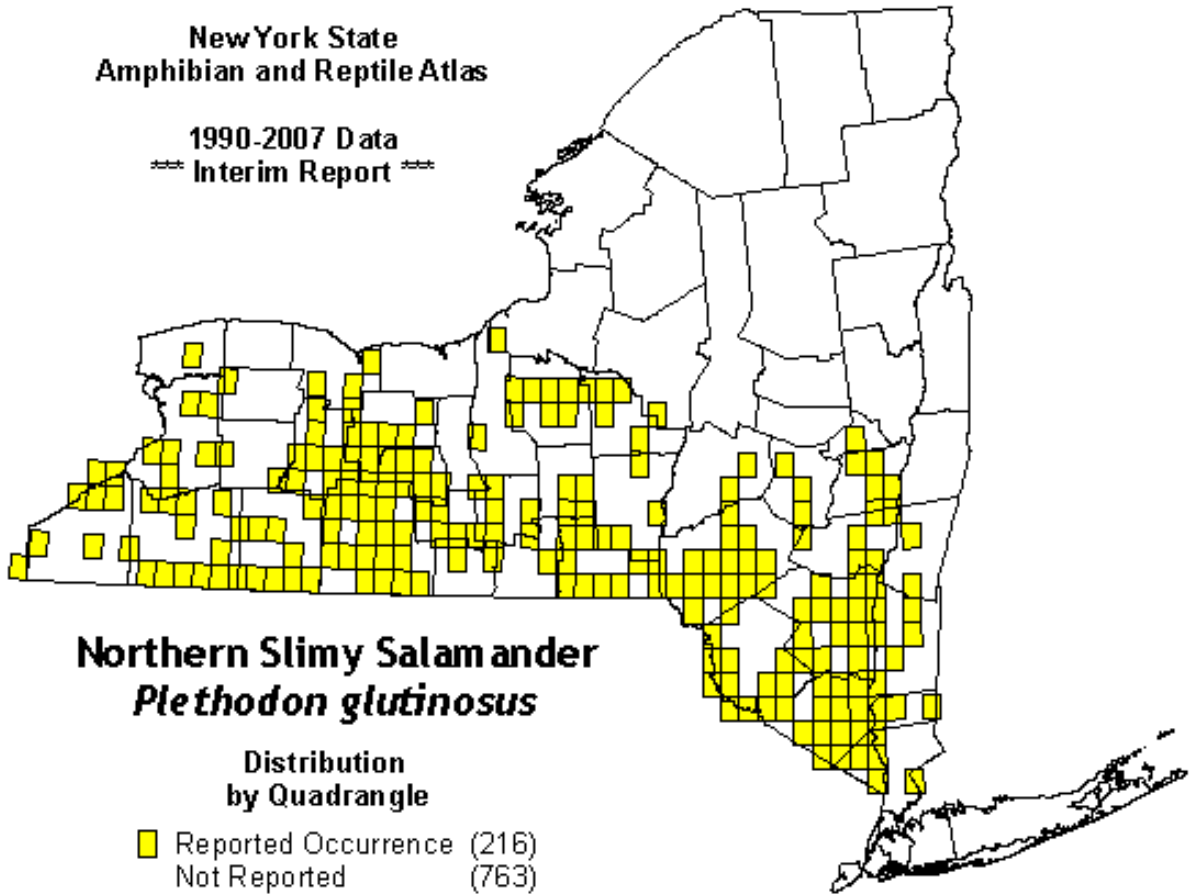
# Northern Redback Salamander

*Plethodon c. cinereus*



# Northern Slimy Salamander

*Plethodon glutinosus*

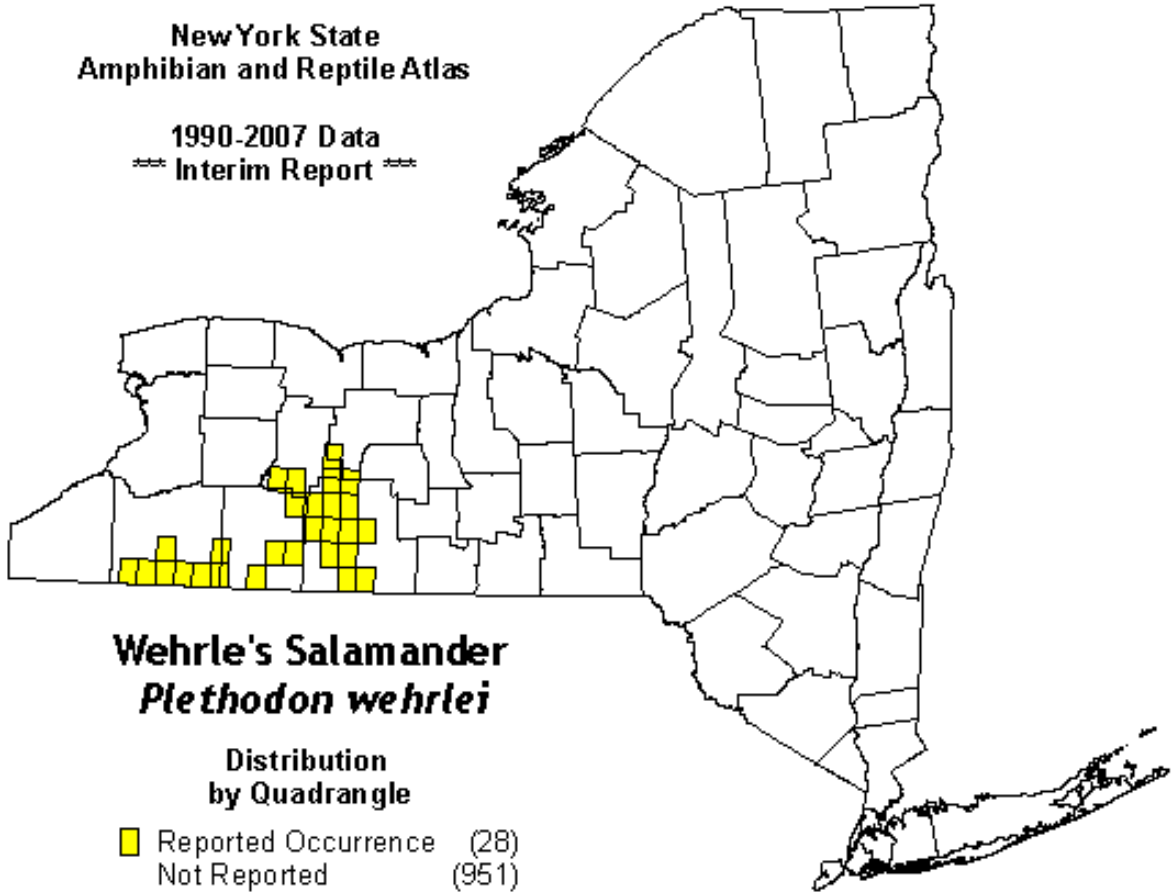


# Wehrle's Salamander

*Plethodon wehrlei*

New York State  
Amphibian and Reptile Atlas

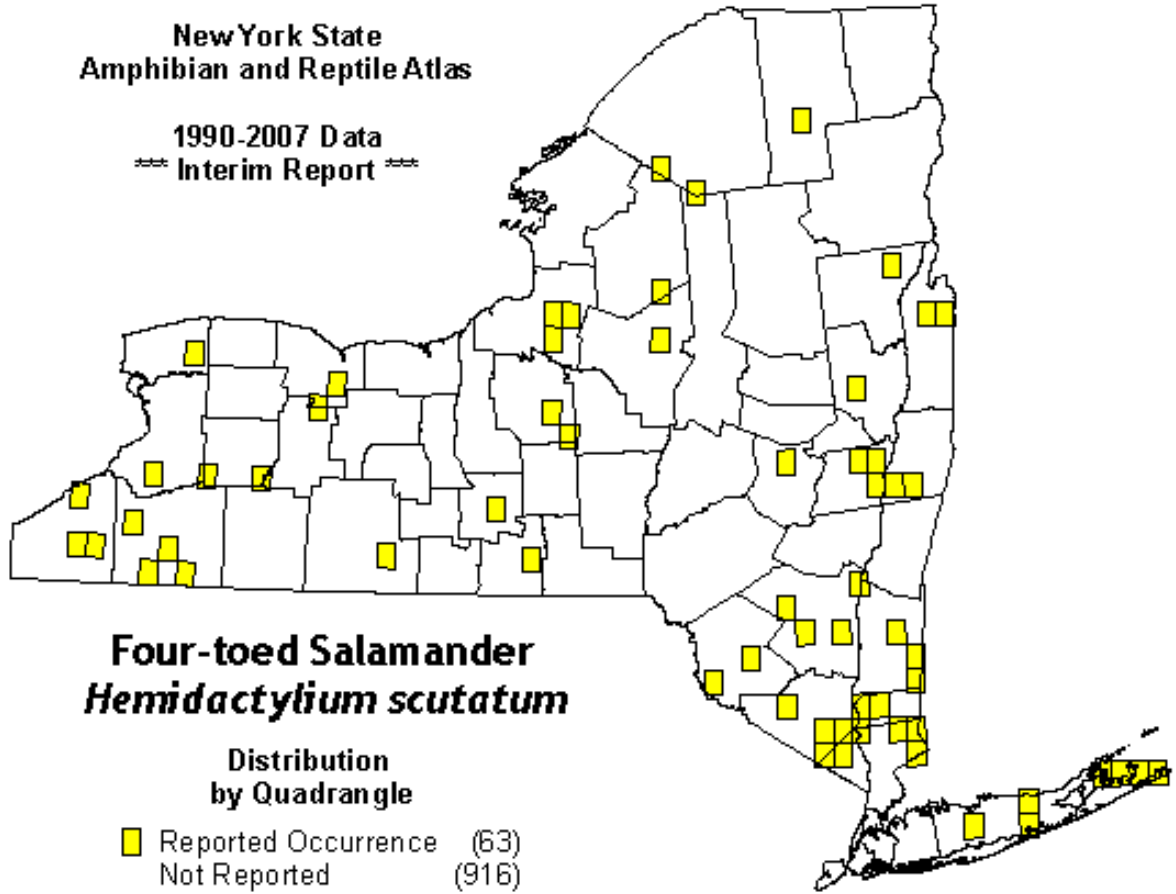
1990-2007 Data  
\*\*\* Interim Report \*\*\*





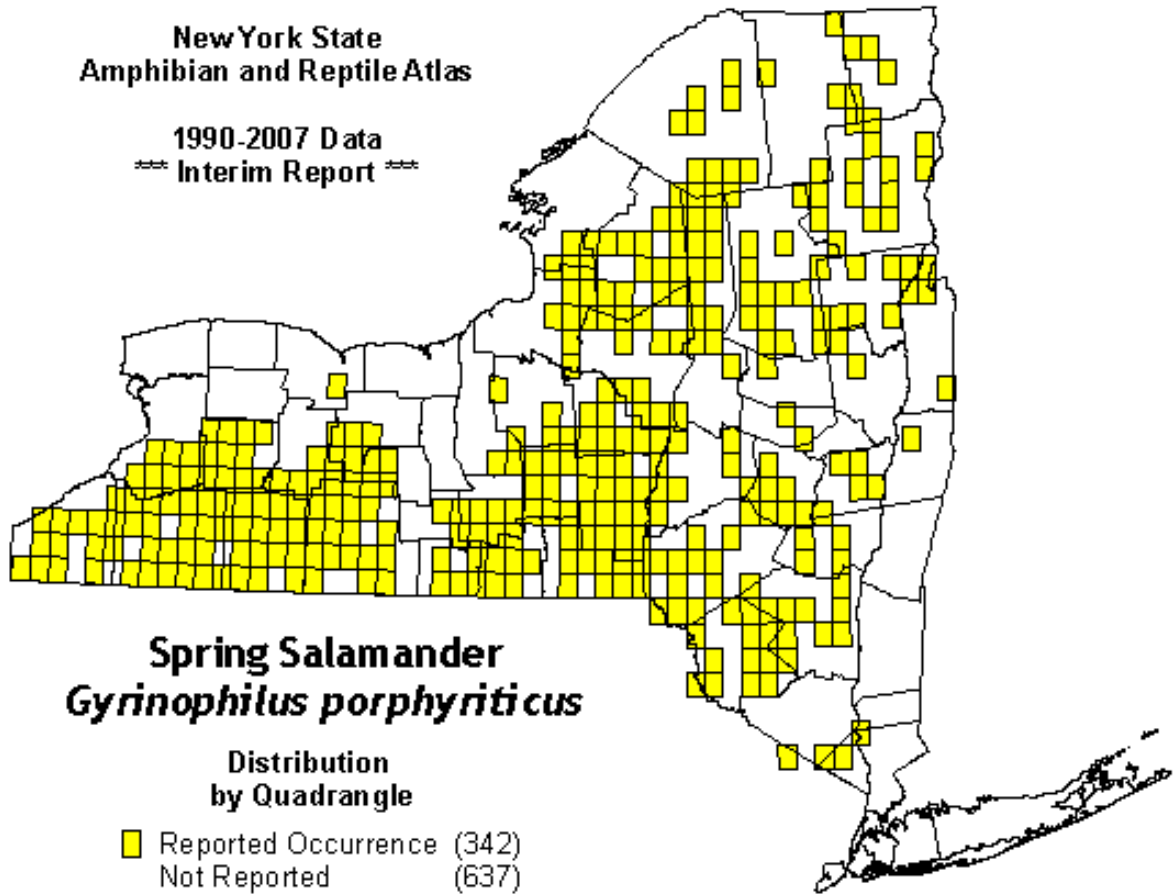
# Four-toed Salamander

*Hemidactylum scutatum*



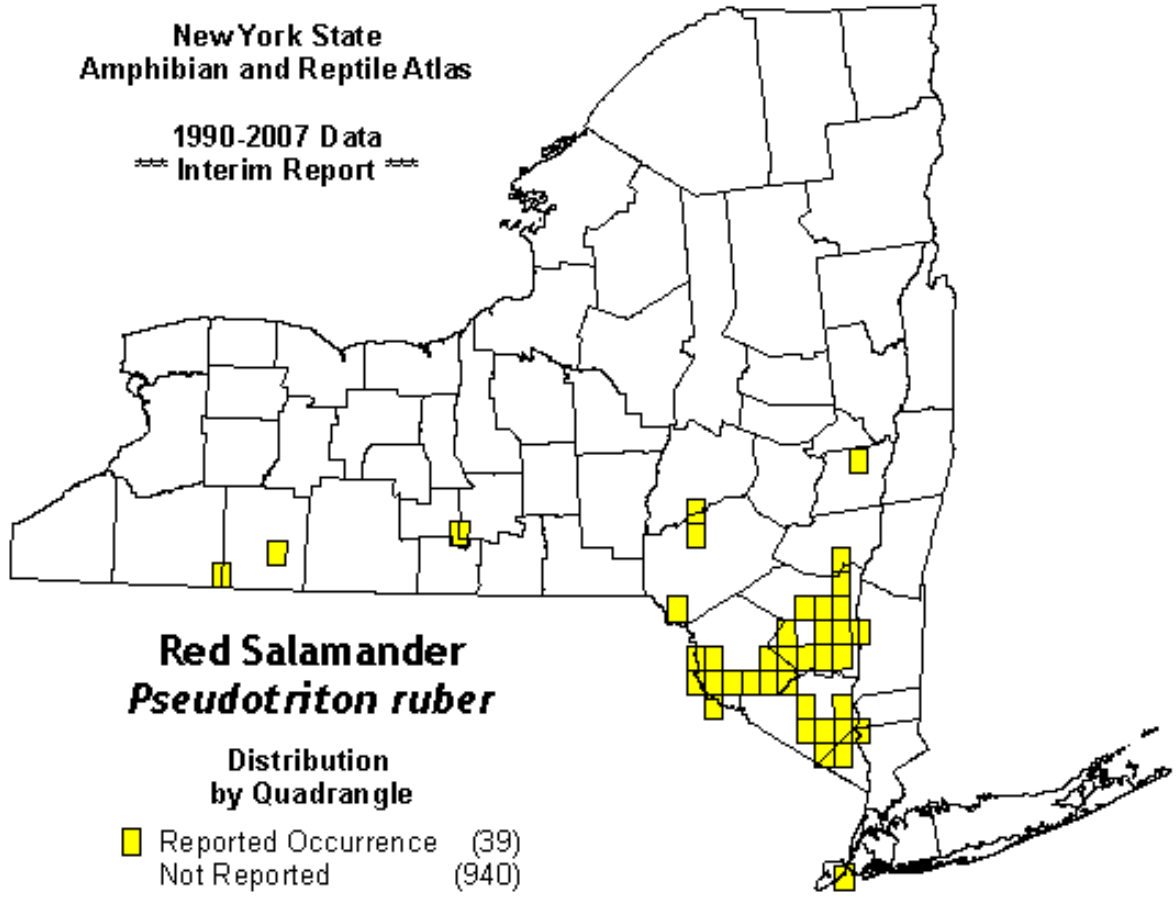
# Northern Spring Salamander

*Gyrinophilus p. porphyriticus*



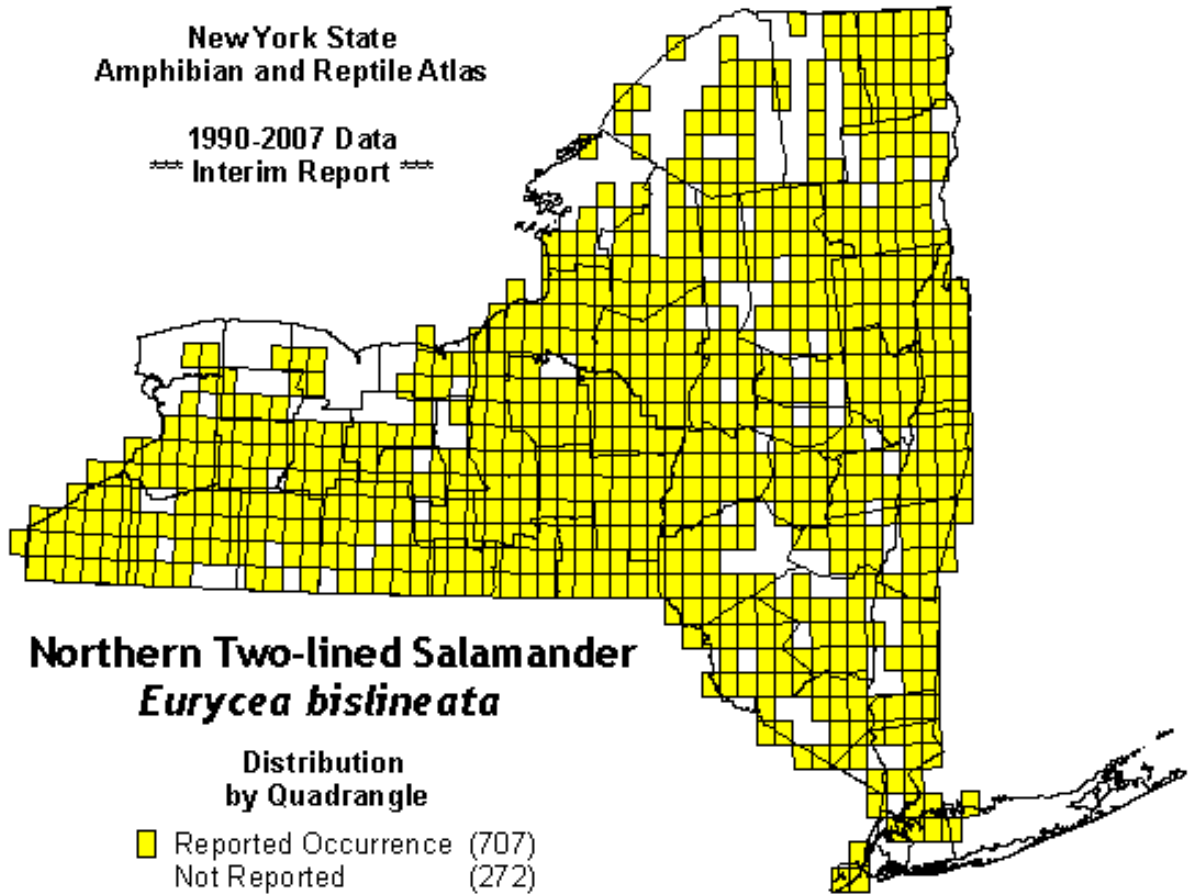
# Northern Red Salamander

*Pseudotriton r. ruber*



# Northern Two-lined Salamander

*Eurycea bislineata*



# Longtail Salamander

*Eurycea l. longicauda*

