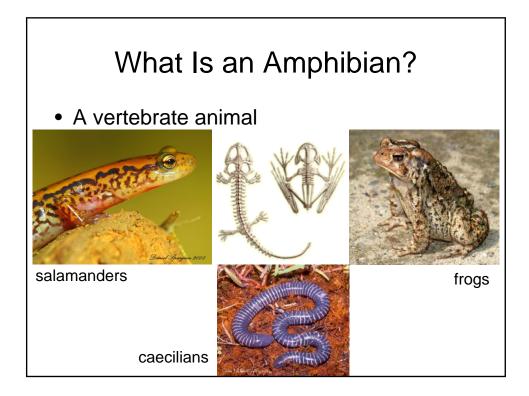
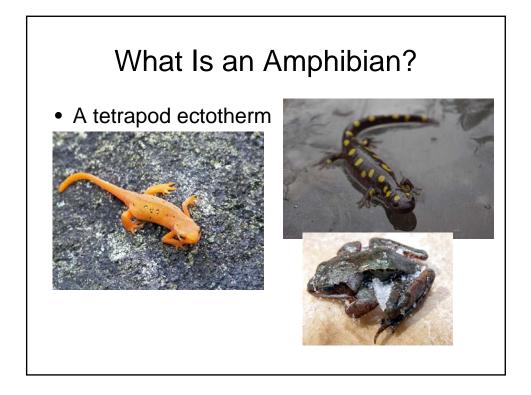


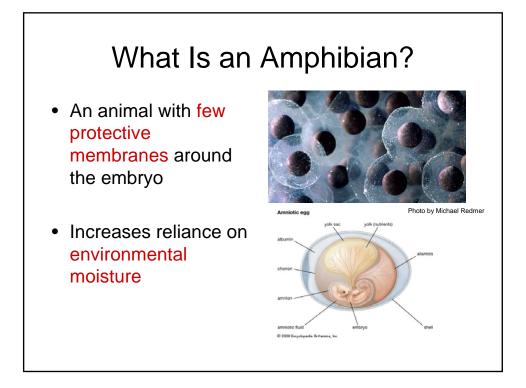
Webinar Goals After this presentation you will know: Some basic biology of amphibians and reptiles and how many are native to Pennsylvania; Swhich amphibians and reptiles are most likely to be found in forest habitats and common sampling methods; and Anow forest management may

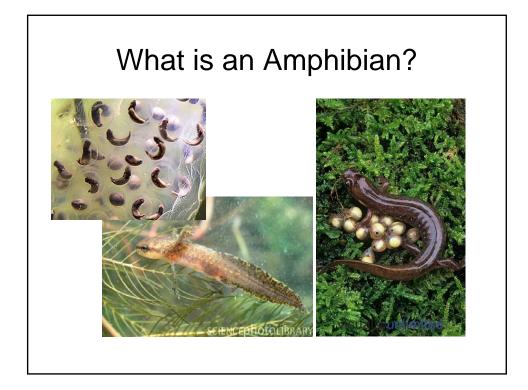


 how forest management may affect amphibian and reptile populations.



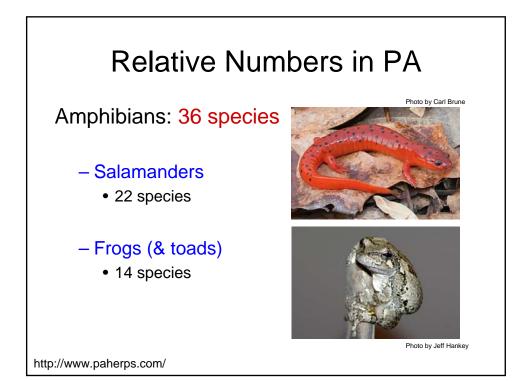


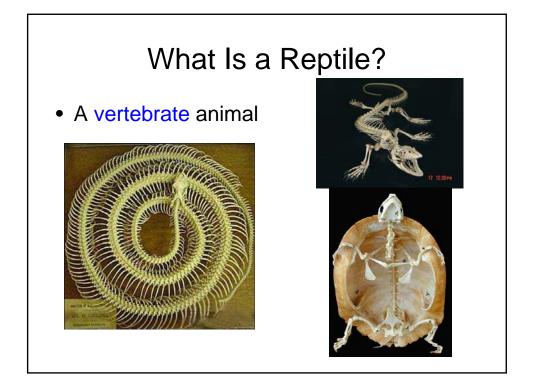


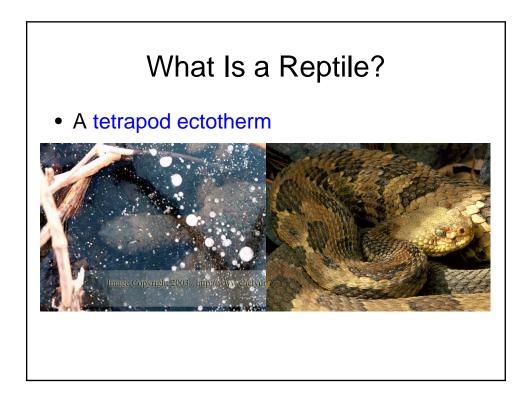


<section-header><section-header><list-item><list-item><list-item><list-item><list-item><list-item>



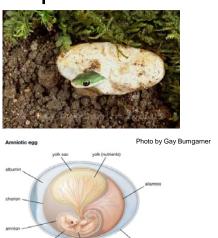






What Is a Reptile?

- An animal with several protective membranes around the embryo
- Decreased reliance on environmental moisture



Relative Numbers in PA

Reptiles: 39 species

- Snakes
 - 21 species

- Turtles

• 14 species

Lizards

4 species

http://www.paherps.com/



Webinar Goals

After this presentation you will know:

- 1. Some basic biology of amphibians and reptiles and how many are native to Pennsylvania;
 - 2. which amphibians and reptiles are most likely to be found in forest habitats and common sampling methods; and



3. how forest management may affect amphibian and reptile populations.

Forest Amphibians: Frogs

Wood frog

- Lithobates sylvaticus
 - Vernal pools
 - Permanent pond edges
 - Forested pools & near forest



Forest Amphibians: Frogs

Pickerel frog

- Lithobates palustris
 - Vernal pools
 - Permanent pond edges
 - Forested pools & near forest





Forest Amphibians: Frogs

Gray treefrog

- Hyla versicolor
 - Vernal pools
 - Permanent pond edges
 - Forest clearings & near forest



Forest Amphibians: Frogs

Spring peeper

- Pseudacris crucifer
 - Vernal pools
 - Permanent pond edges
 - Forested & near forest



Forest Amphibians: Frogs

Mountain chorus frog

- Pseudacris brachyphona
 - Vernal pools
 - Permanent pond edges
 - Forested pools & near forest



Forest Amphibians: Frogs

Striped chorus frog

- Pseudacris triseriata
 - Vernal pools
 - Permanent pond edges
 - Forested pools & near forest



Photo by Don Becke



Forest Amphibians: Salamanders

Jefferson's salamander

- Ambystoma jeffersonianum
 - Vernal pools
 - Permanent pond edges
 - Forested pools & near forest



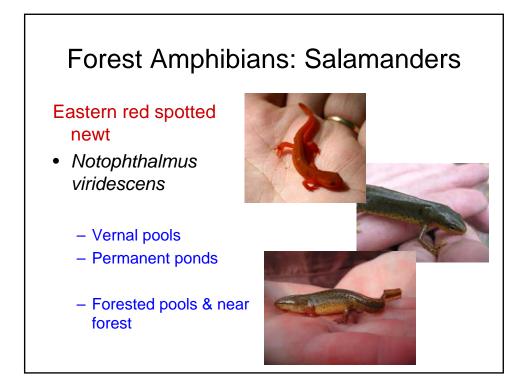
<section-header><section-header><section-header><section-header><list-item><list-item><list-item><list-item>

Forest Amphibians: Salamanders

Marbled salamander

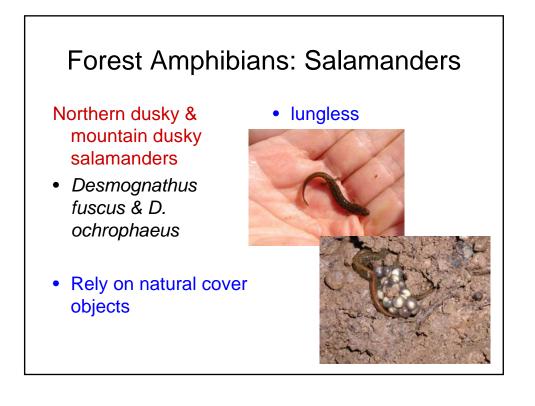
- Ambystoma opacum
 - Vernal pools
 - Permanent pond edges
 - Forested pools











Forest Reptiles: Lizards

Broadhead skink

- Eumeces laticeps
- Forest clearings



Forest Reptiles: Lizards

Eastern fence lizard

- Sceloporus undulatus
- Open habitats within forests



Forest Reptiles: Turtles

Wood turtle

- Clemmys insculpta
- Wet forests
- Tree climbers



Forest Reptiles: Turtles

Eastern box turtle

- Terrapene carolina
- Deciduous forest





Forest Reptiles: Snakes

Eastern garter snake

- Thamnophis sirtalis
- Ubiquitous, but commonly encountered in forests



Forest Reptiles: Snakes

Northern redbelly snake

- Storeria occipitomaculata
- Edge habitat
- Upland forest
- Open canopy forest
- Wet areas
- Natural cover
- slugs



Forest Reptiles: Snakes

Northern ringneck snake

- Diadophis punctatus
- Damp hardwood forests
- Natural cover
 - Downed wood, rocks
 - Salamanders & worms





Forest Reptiles: Snakes

Timber rattlesnake

- Crotalus horridus
- Forests with south facing slopes, rocky outcrops



