

2024 Lancaster County Middle School Envirothon Forest Ecosystem Study List

Wildlife	Aquatics
Fisher	Eastern Garter Snake
Porcupine	Eastern Spadefoot Toad
Bobcat	Eastern Gray Tree Frog
Gray Fox & Skull/Track	Spotted Turtle
Coyote & Skull/Track	Fairy Shrimp
Short-tailed Weasel	Eastern Hellbender
Allegheny Wood Rat	Eastern Red-spotted Newt
Goshawk	Spotted Salamander
Wood Thrush & <i>Call</i>	Jefferson Salamander
Scarlet Tanager	Redback Salamander
Eastern Towhee & <i>Call</i>	Four-toed Salamander
Barred Owl & <i>Call</i>	Predaceous Diving Beetle
White-breasted Nuthatch	Vernal Pools/Ponds
Ruffed Grouse & <i>Call</i>	Natural history of salamanders

Forestry	Forest Management
Eastern Hemlock	History of Pennsylvania Forests
Eastern White Pine	Present Day ways to Manage Forests
Red Oak	History of Lancaster Naturalist: J P McCaskey
Black Walnut	History of PA Forester: Gifford Pinchot
Sugar Maple	Today's PA State Forester: Ellen Shultzabarger
Bitternut Hickory	Invasive insects:
American Chestnut	Spotted Lanternfly
Tulip Poplar	Gypsy Moth
Rhododendron	Invasive plants:
Mountain Laurel	Tree of Heaven (<i>Ailanthus</i>)
Sweet Birch	Japanese Honeysuckle
Sassafras	
Shagbark Hickory	
American Beech	