

## **The Maryland Envirothon Wildlife Resource Information**

This is a study guide for advisors and students participating in the Maryland State Envirothon competition. It is not inclusive of all content you may need to know for the state competition. Web sites provided are for reference only and may not be exactly what students are tested on. Students are expected to have a general knowledge and understanding of wildlife ecology, wildlife management and national and state legislation affecting wildlife. This is not inclusive of all content you may need to know for state competition however. During your study please focus on the following topics:

### **Background**

#### [Wildlife and Heritage Service Mission & Program Funding](#)

**Wildlife Ecology** including food chains, trophic levels, population dynamics, natural selection, plant and animal communities and succession, field identification and sexing and aging techniques.

#### [Wildlife Management Concepts](#)

#### [Text Book Recommendations](#)

#### [Glossary of Wildlife Terms](#)

#### [Using Field Guides](#)

#### [Peterson Field Guide to Eastern Birds](#)

#### [Audubon Field Guide to N. American Birds – East Region](#)

#### [Scientific Classification](#)

#### [Aging Deer Jawbones](#)

**Wildlife Management** including carrying capacity, limiting factors, habitat management, population management, mapping and aerial photo interpretation.

#### [Introduction Wildlife Management Fact Sheets](#)

#### [Aerial Photos](#)

**National Legislation Affecting Wildlife** including the Federal Aid in Wildlife Restoration Act of 1937, the Marine mammal Protection Act of 1972 and the Endangered Species Act of 1973.

#### [Endangered Species Act 1973](#)

#### [Marine Mammal Protection Act 1972](#)

#### [MD Endangered Species](#)

#### [MD Endangered Animals](#)

For additional information on specific species, please visit the DNR Wildlife & Heritage Service Website at: <http://www.dnr.state.md.us/wildlife>

**Maryland State Legislation and Regulations Affecting Wildlife** including the Chesapeake Bay Check – Off, the Critical Area Regulations and Maryland Hunting and Trapping regulations.

[Critical Area Regulations - FIDS](#)

The **Breeding Bird Atlas Project**, sponsored by the Maryland Ornithological Society, can be found on the following website: <http://www.mdbirds.org/>

The Guide to Hunting and Trapping in Maryland, published by the Maryland Department of Natural Resources, can be found on the following website:  
<http://www.dnr.state.md.us/huntersguide/>

**Additional Material**

[Mammals](#)

[Birds](#)

[Reptiles & Amphibians](#)

[Snakes](#)

[Sea Turtles](#)

[Research, Inventory, & Monitoring](#)

[MD Community Classification](#)

[Upland Wildlife Habitat Recommendations](#)

[Warm Season Grasses and Wildlife](#)

[Maryland's Conservation Reserve Enhancement Program \(CREP\)](#)

[The Chesapeake Bay Ecosystem – Added in 2007](#)