# Wildlife Study Guide 2018

## Expectations

Students are expected to:

* Identify wildlife species that are common in Ohio ecosystems
* Use a taxonomic key to identify wildlife species
* Describe how a given organism is adapted for survival in its particular environment
* Describe how energy flows through ecosystems
* Discuss the roles of producers, consumers, and decomposers in food chains/webs and give examples
* Define and give examples of these types of symbiotic relationships: parasitism, commensalism, mutualism
* Distinguish between native species and invasive species
* Distinguish among endangered, threatened, and extirpated Ohio species and describe methods that could be used to improve their status
* Identify factors affecting population size and population growth
* Discuss the effect of limiting factors in controlling population size and give examples
* Discuss the significance and life cycles of major insect pollinators, as well as some of the problems their populations are facing
* Identify some diseases that are currently affecting Ohio wildlife
* Discuss practices that governmental agencies and the public can employ to conserve and protect wildlife
* Identify significant governmental laws, policies and acts that have been passed to protect endangered and threatened species

## Study Materials

The study references listed are not an exhaustive list of sources from which test questions are drawn.  Students are expected to research other sources for more information according to the learning objectives.

**Ohio Division of Wildlife:**

<http://wildlife.ohiodnr.gov/species-and-habitats/species-guide-index>

<http://wildlife.ohiodnr.gov/species-and-habitats/state-listed-species>

<http://wildlife.ohiodnr.gov/huntingandtrappingregulations>

<http://wildlife.ohiodnr.gov/fishingregulations>

<http://wildlife.ohiodnr.gov/species-and-habitats/diseases-in-wildlife>

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**Xerces Society:**

<http://www.xerces.org/pollinator-conservation/native-bees/>

<http://www.xerces.org/monarchs/>

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**US Fish and Wildlife Service:**

<https://www.fws.gov/endangered/laws-policies/>

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**Your Dictionary:**

<http://examples.yourdictionary.com/examples-of-symbiosis.html>

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**Farm Service Agency:**

<https://www.fsa.usda.gov/programs-and-services/conservation-programs/>

<https://www.fsa.usda.gov/programs-and-services/conservation-programs/prospective-participants/index>

<https://www.fsa.usda.gov/programs-and-services/conservation-programs/crp-practices-library/index>

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**USGS:**

<http://www.nwrc.usgs.gov/topics/wetlands/wetlandsInfo.htm>

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**Ohio Environmental Council:**

<http://www.theoec.org/publications/fact-sheet-vernal-pools>

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## 2018 Test Writer:

Gary Courts

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