

Amazing Arthropods

Insect Species

Scientific Name

NOTE: students should be able to recognize and define terms identified in this document using capitalization and bold type.

Reminder: When conducting research on the internet, please use the Scientific Name in the search engine and only utilize the most recently dated information from reputable sources (i.e. universities, state departments, federal departments). Don't forget about your local library, the children's section has many books pertaining to Arthropod Orders and some Insect Species.

Study tool developed by Kariann Anderson, HCMA Lake St. Clair Nature Center for Macomb Science Olympiad Amazing Arthropod Participants. We ask that you do not alter or copy/use this document for any other purpose, Thank You!

Insect Order

Draw or Copy/Paste a picture
of the Insect here:

Cool Facts about this Insect:

Describe the **HABITAT** in which this insect lives:

- Where would you most likely find this insect? and why?
- What does this insect need for survival (food, water, shelter, and space)?
- When are you most likely to see this insect in Michigan?
- How does this insect survive the winter here in Michigan?

Describe the **CONSERVATION STATUS** of this Insect:

- Is this insect **NATIVE** or **NON-NATIVE** to Michigan?
- If Native: Has this insect been classified under Michigan state law? (**ENDANGERED, THREATENED, SPECIAL CONCERN, EXTIRPATED, EXTINCT**)
- If this insect has been classified under the protection of our state, explain what circumstances led to the decrease in their population? And is anything being done to help improve their status?
- If Non-Native: Do we know how this species arrived in Michigan? Is this non-native species **INVASIVE** or **NON-INVASIVE**?

Describe the **NICHE** in which
this insect holds in our
ECOSYSTEM:

- Is this insect harmful to humans and/or the environment? If so, why is this insect considered a pest? What measures are being taken to help reduce the adverse effects?
- Is this insect Beneficial to humans and/or the environment? If so, why is this insect considered good? What measures are being taken to help sustain and/or increase this benefit?

Describe this Insect

- What does this insect look like?
(specific attributes like size, color, pattern, shape, special features, etc.)
- Can you differentiate between male and female based on their physical appearance? (some species you can and some species you cannot)
- Feeding characteristics? (what does it eat, describe its mouthparts, how does it obtain food)
- How does this insect defend itself?
(this may be a physical or a behavioral characteristic that helps it survive)
- What is the **LIFE CYCLE** of this insect?
(WITHOUT METAMORPHOSIS, GRADUAL METAMORPHOSIS, INCOMPLETE METAMORPHOSIS, COMPLETE METAMORPHOSIS)