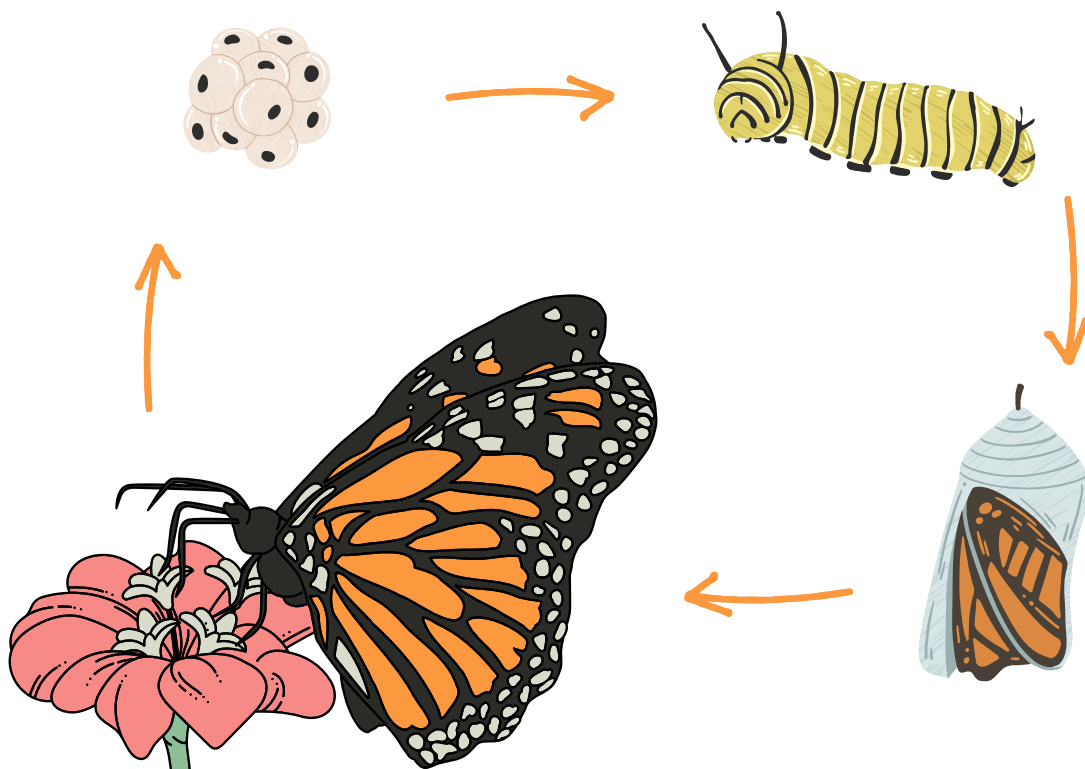




Great Lakes Butterfly Guide



Working Together To Protect Our Environment

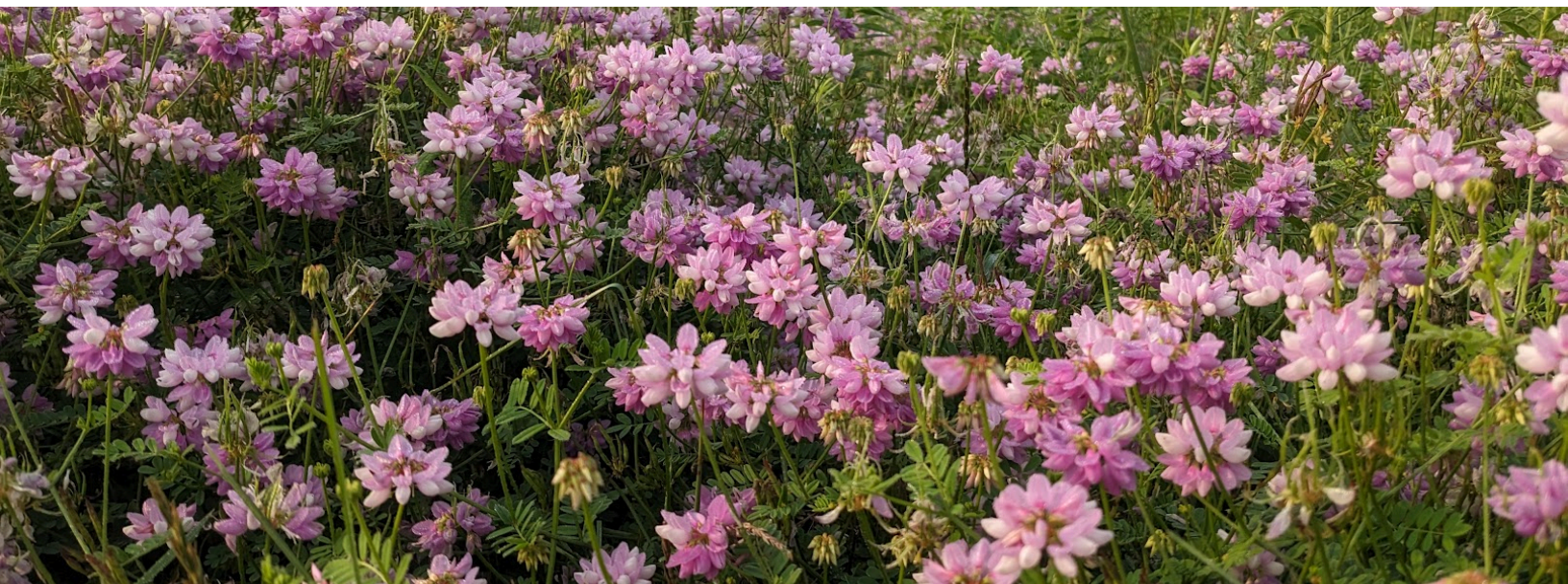


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Working Together to Protect Our Environment

The mission of the Saginaw Chippewa Indian Tribe's Environmental Team is to support Tribal Council's relations with governmental and non-governmental organizations, to ensure Tribal representation in environmental issues, protect Tribal natural resources, and facilitate sustainable development. Our guiding principle is to follow our cultural teachings that tell us, "As human beings, our original responsibility is to care for our Mother Earth in the same way she cares for us." By working together to protect Mother Earth, we keep her beautiful and healthy. In turn, she keeps us all healthy, both for our generation and the next seven generations to come.



For more information, contact the Environmental team at
2451 Nish-Na-Be-Anong Road
Mt. Pleasant, Michigan 48858
or by phone (989)775-4014.



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The Importance of Pollinators



Many types of plants, including fruit and vegetable crops, depend on animals for pollination. In addition to honeybees, many other types of animals pollinate crops and wildflowers, including wild bees, ants, beetles, wasps, lizards, birds, bats, and butterflies. We are concerned about declines in pollinator health and are working to protect bees and other pollinators from pesticide risks.

The decline of pollinators can be contributed to some of the following complex interactions among multiple stressors including but not limited to: pests, pathogens, and viruses; poor nutrition (due to loss of foraging habitat and increased reliance on supplemental diets); pesticide exposure; bee management practices (i.e. long migratory routes to support pollination services); and lack of genetic diversity.

For more information, view <https://www.epa.gov/pollinator-protection/pollinator-health-concerns>.

For more local information, view and download
SCIT's Pollinator Guide:

<https://www.sagchip.org/Planning/pdf/2023/SCIT%20Pollinator%20Guide.pdf>



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Prevent the Spread of Invasive Species

You can take actions while adventuring!

- Start the day with clean shoes and gear.
- Stay on marked and/or designated trails.
- Carry a handheld boot brush in your backpack.
- Before leaving, clean your footwear and gear. Be sure to scrape off dirt and debris.
- Also, be sure to check and clean your pets by removing mud and seeds.
- Rinse or spray down your bike or ORV with water or compressed air to remove mud and plant parts from tires and fenders.
- Trailers should be sprayed down with water or compressed air to remove mud and plant parts from tires and fenders.
- Sweep out your RV or tent interior before leaving.
- Rinse watercraft, trailer, and equipment with high pressure hot water when possible.
- Dispose of unwanted bait, fish parts, and packing materials in the trash DO NOT dump them in the water or on land.
- Buy plants native to your area.



Working Together To
Protect Our Environment



Scan the QR code ▶

Or visit:

<https://playcleango.org/take-action/#backpacking>



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Name: American Copper

Scientific Name: *Lycaena phlaeas*

Lifespan of Adults: Around 2 weeks

Host Plant: Favors plants from the buckwheat family, such as sheep sorrel, curly dock, and mountain sorrel.

Wingspan: Ranges from 7/8" to 1-3/8"

Link: <https://www.butterflyidentification.com/american-copper.htm>



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Male American Painted Lady Female American Painted Lady

Name: American Painted Lady

Scientific Name: *Vanessa virginiensis*

Lifespan of Adults: Around 2 weeks

Host Plant: Favors plants in the sunflower family such as pearly everlasting, wormwood, ironweed, and burdock.

Wingspan: Averages around 2"

Link: <https://www.butterflyidentification.com/american-painted-lady.htm>



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Name: American Snout

Scientific Name: *Libytheana carinenta*

Lifespan of Adults: Around 4 weeks

**Host Plant: Favors hackberry and
sugarberry trees.**

Wingspan: Averages 1-1/4" to 2"

Link: <https://www.whatsthatbug.com/american-snout-all/>



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Black Swallowtail Male

Black Swallowtail Female

Name: Black Swallowtail

Scientific Name: *Papilio polyxenes*

Lifespan of Adults: Around 1 week

Host Plant: Prefers plants from the carrot family.

Wingspan: Typically 2.7" to 3.3"

Link: <https://www.butterflyidentification.com/black-swallowtail.htm>



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Male Cabbage White

Female Cabbage White

Name: Cabbage White

Scientific Name: *Pieris rapae*

Lifespan of Adults: Up to 3 weeks.

Host Plant: Prefers plants from the mustard family.

Wingspan: Averages 1.3" to 1.9"

Link: <https://www.butterflyidentification.com/cabbage-white.htm>



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Male Clouded Sulphur

Female Clouded Sulphur

Name: Clouded Sulphur

Scientific Name: *Colias philodice*

Lifespan of Adults: Ranges from 2 to 7 days while some specimens live for 4 weeks.

Host Plant: Prefers plants in the pea family, such as white clover and alfalfa.

Wingspan: Averages 1-1/2" to 2-3/4"

Link: <https://www.butterflyidentification.com/clouded-sulphur.htm>



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Name: Common Buckeye

Scientific Name: *Junonia coenia*

Lifespan of Adults: Ranges from 6 to 20 days.

Host Plant: Utilizes plants from the snapdragon, plantain, and acanthus families.

Wingspan: Averages from 1.65" to 2.8"

Link: <https://www.butterflyidentification.com/common-buckeye.htm>



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Name: Eastern Comma

Scientific Name: *Polygonia comma*

Lifespan of Adults: Up to 5 months.

Host Plant: Prefers species from the Elm and Nettle families.

Wingspan: Averages from 1-3/4" to 2-1/2"

Link: <https://www.butterflyidentification.com/eastern-comma.htm>



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Eastern Tailed Blue Butterfly Male

Eastern Tailed Blue Butterfly Female

Name: Eastern Tailed-blue

Scientific Name: *Cupido comyntas*

Lifespan of Adults: Ranges from 4 to 10 days.

Host Plant: Feeds on a variety of legumes, including vetches and clover.

Wingspan: Averages from 0.83" to 1.14"

Link: <https://www.butterflyidentification.com/eastern-tailed-blue-cupido-comyntas.htm>



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Male Eastern Tiger Swallowtail

Female Eastern Tiger Swallowtail

Name: Eastern Tiger Swallowtail

Scientific Name: *Papilio glaucus*

Lifespan of Adults: Up to 1 month.

Host Plant: Includes a variety of black cherry and tulip poplar; indicates diverse diet.

Wingspan: Averages from 3.1" to 5.5"

Link: <https://www.butterflyidentification.com/eastern-tiger-swallowtail.htm>



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Name: Gray Hairstreak

Scientific Name: *Strymon melinus*

Lifespan of Adults: Ranges from 3 to 4 weeks.

Host Plant: Prefers species from the following families: mallows, pea, buckwheats, and clover; indicates diverse diet.

Wingspan: Ranges from 7/8" to 1-3/8"

Link: <https://www.butterflyidentification.com/gray-hairstreak.htm>



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Male Great Spangled Fritillary



Female Great Spangled Fritillary

Name: Great Spangled Fritillary

Scientific Name: *Speyeria cybele*

Lifespan of Adults: Ranges from 30 to 45 days.

Host Plant: Prefers plants from the violet family.

Wingspan: Ranges from 2.4" to 3.5"

Link: <https://www.butterflyidentification.com/great-spangled-fritillary.htm>



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Male Hackberry Emperor

Female Hackberry Emperor

Name: Hackberry Emperor

Scientific Name: *Asterocampa celtis*

Lifespan of Adults: Ranges from 6 to 14 days.

Host Plant: Primarily feeds on hackberry leaves and buds.

Wingspan: Averages from 1.38" to 2.48"

Link: <https://www.butterflyidentification.com/hackberry-emperor.htm>



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Name: Harvester

Scientific Name: *Feniseca tarquinius*

Lifespan of Adults: Up to 3 weeks.

Host Plant: Prefers American Beech,
Dogwood, Alder, and Green Ash.

Wingspan: From 1" to 1-1/4"

Link:

<https://alabama.butterflyatlas.usf.edu/species/details/75/harvester>



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Name: Little Wood Satyr

Scientific Name: *Megisto cymela*

Lifespan of Adults: Unknown

**Host Plant: Prefers plants from the
Festuca and *Agrostis* families.**

Wingspan: From 1-1/2" to 2"

Link: <https://alabama.butterflyatlas.usf.edu/species/details/96/little-wood-satyr>



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Male Monarch

Female Monarch Butterfly

Name: Monarch

Scientific Name: *Danaus plexippus*

Lifespan of Adults: Ranges from 2 to 6 weeks.

Host Plant: Prefers milkweed varieties along with other nectar-rich plants.

Wingspan: From 3-1/2" to 4"

Link: <https://www.butterflyidentification.com/monarch.htm>

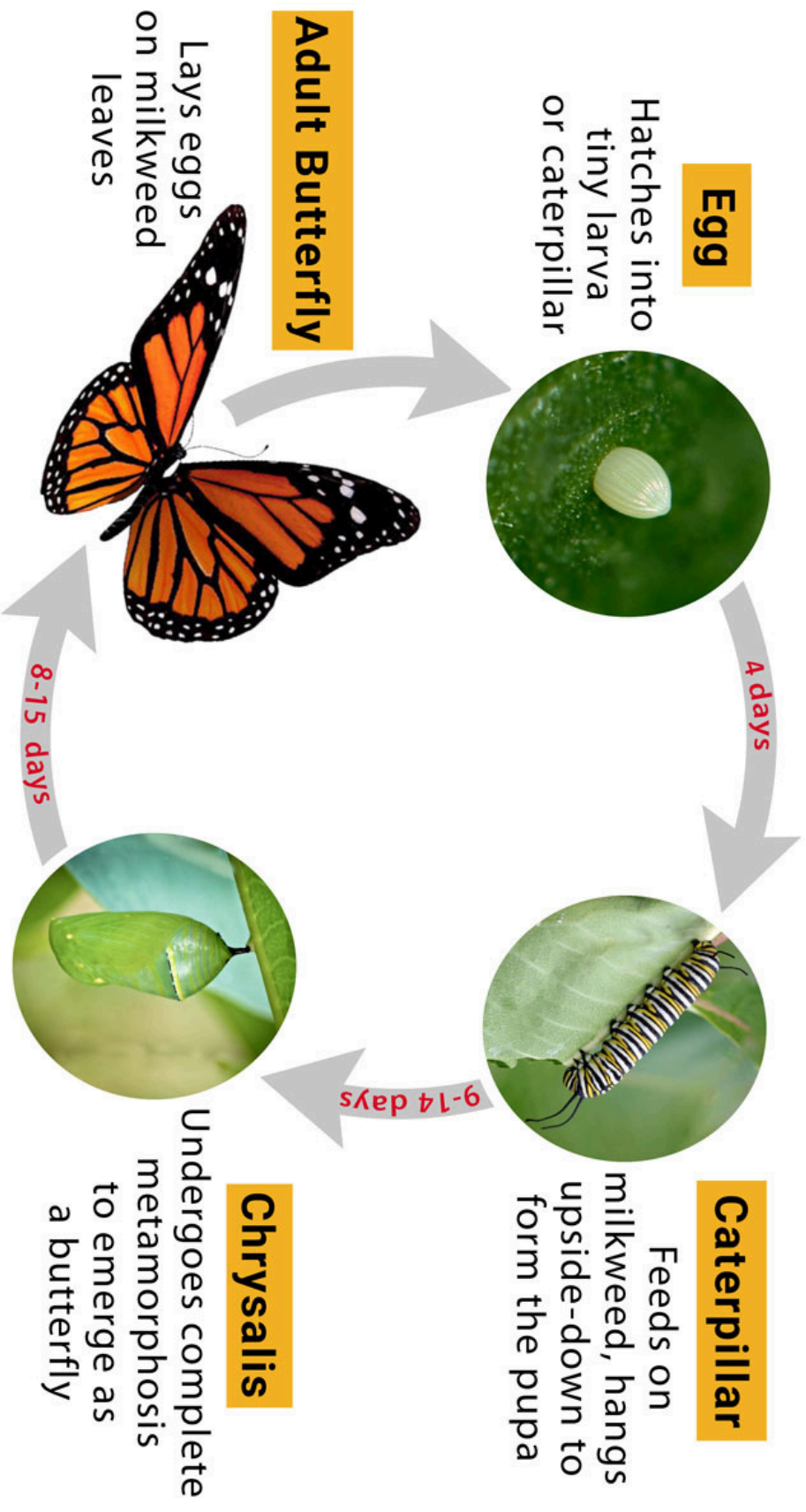


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MONARCH BUTTERFLY LIFE CYCLE





Name: Mourning Cloak

Scientific Name: Nymphalis antiopa

Lifespan of Adults: Up to 10 to 11 months.

Host Plant: Prefers willow trees, American elm, hackberry, aspen, and paper birch.

Wingspan: From 2-1/4" to 4"

Link: <https://www.butterflyidentification.com/mourning-cloak.htm>



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Name: Orange Sulphur

Scientific Name: *Colias eurytheme*

Lifespan of Adults: Ranges from 2 to 4 weeks on average.

Host Plant: Prefers the pea family, especially alfalfa.

Wingspan: From 2.5" to 3.3"

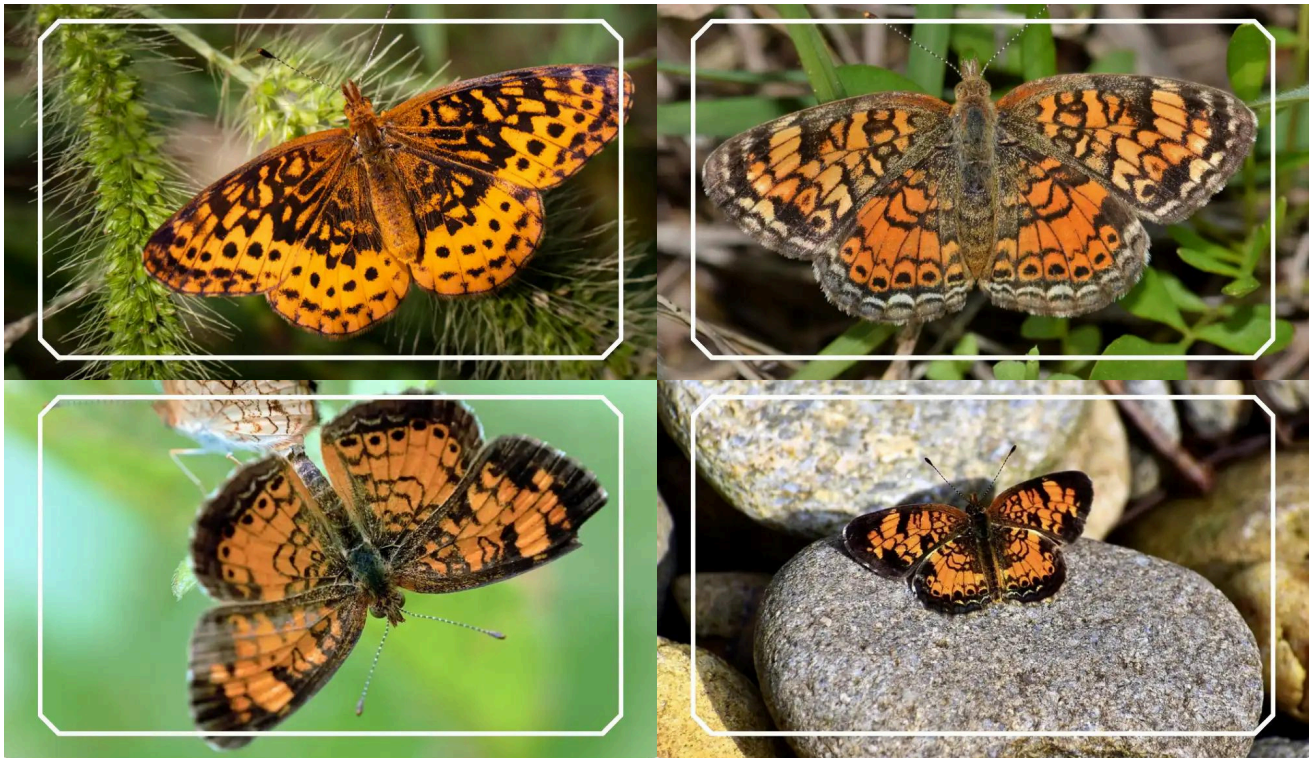
Link: <https://www.butterflyidentification.com/orange-sulphur.htm>



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Name: Pearl Crescent

Scientific Name: *Phyciodes tharos*

Lifespan of Adults: Ranges from 1 to 2 weeks.

Host Plant: Utilizes various aster plants.

Wingspan: From 1.18" to 1.58"

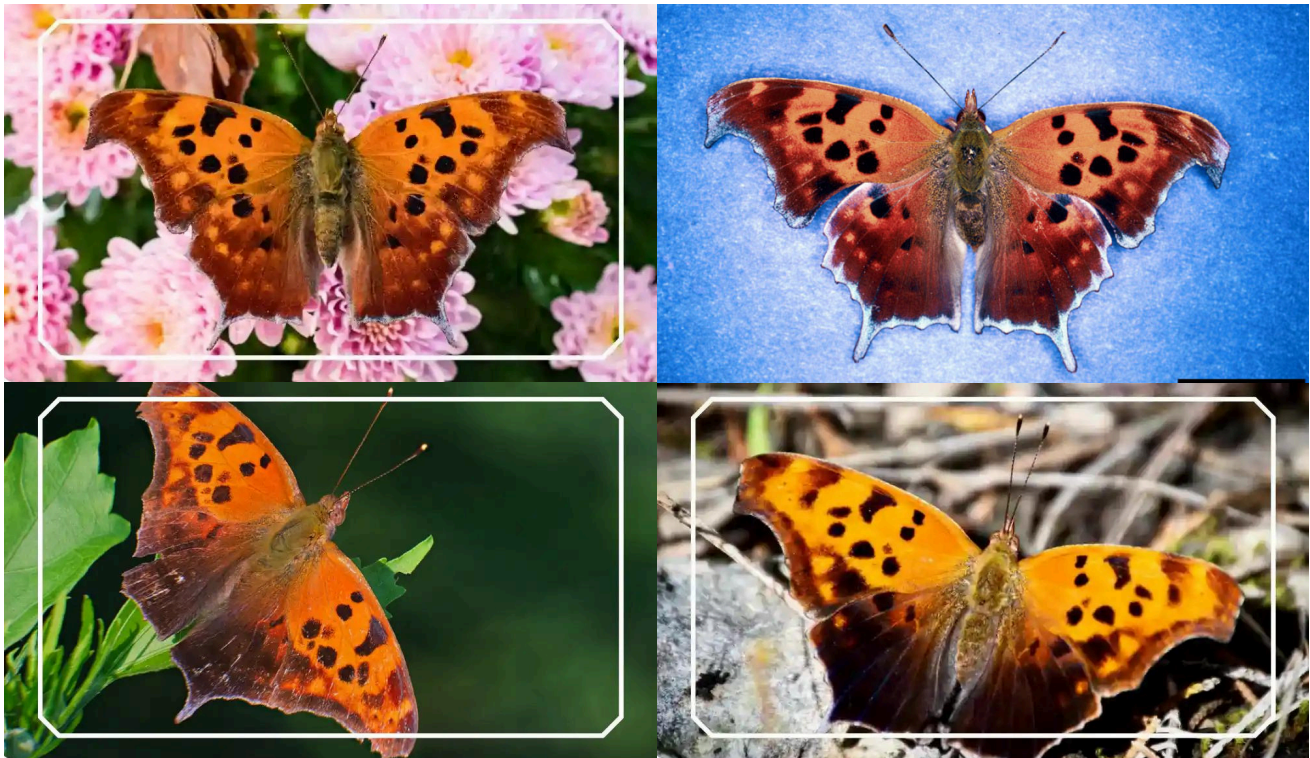
Link: <https://www.butterflyidentification.com/pearl-crescent.htm>



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Name: Question Mark

Scientific Name: *Polygonia interrogationis*

Lifespan of Adults: Ranges from 6 to 20 days.

Host Plant: Utilizes a variety of plants including elms, hackberry, and nettles.

Wingspan: From 2" to 2.5"

Link: <https://www.butterflyidentification.com/question-mark.htm>



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Name: Red Admiral

Scientific Name: *Vanessa atalanta*

Lifespan of Adults: Typically for 2 weeks.

Host Plant: Prefers nettles and plants from the *Cannabaceca* and *Compositae* families.

Wingspan: From 1-3/4" to 2-1/2"

Link: <https://www.butterflyidentification.com/red-admiral.htm>



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Male Red-Banded Hairstreak

Female Red-Banded Hairstreak

Name: Red-banded Hairstreak

Scientific Name: *Calycopsis cecrops*

Lifespan of Adults: Around 1-2 weeks.

Host Plant: Prefers fallen leaves of sumac species.

Wingspan: Ranges from 0.9" to 1-1/4"

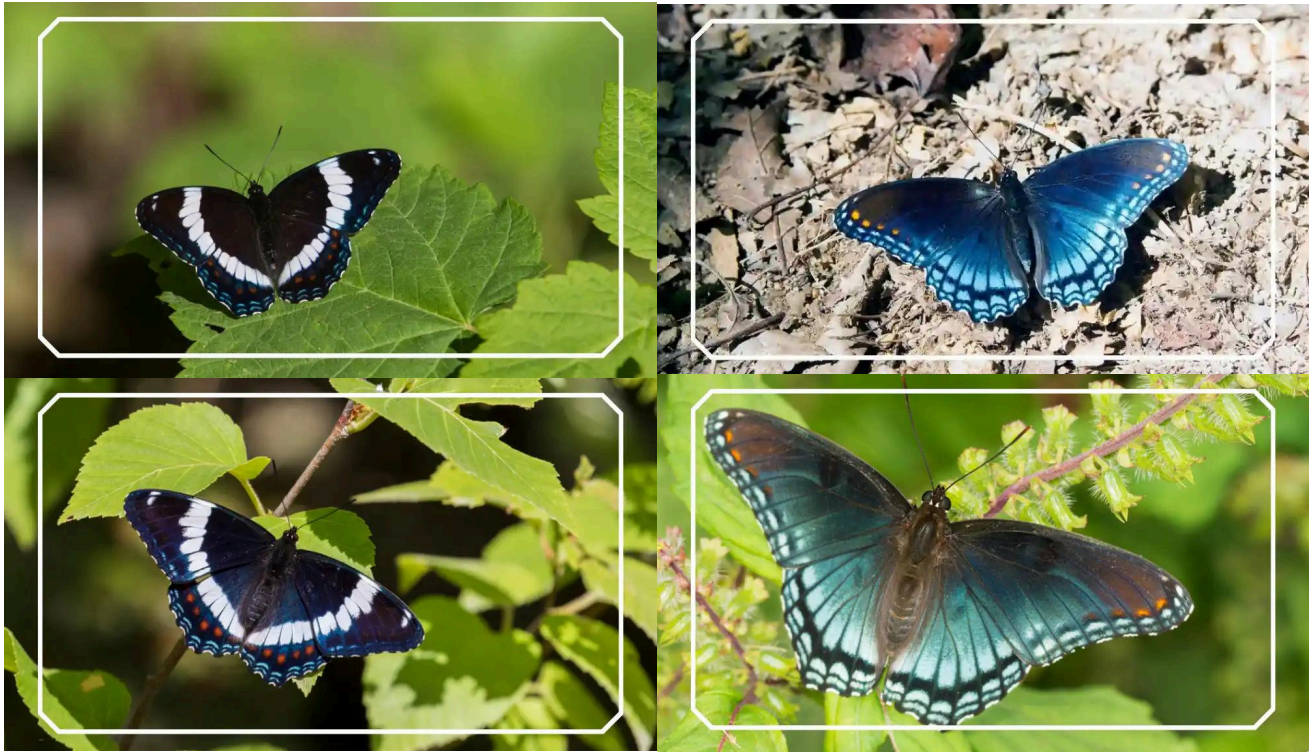
Link: <https://www.butterflyidentification.com/red-banded-hairstreak.htm>



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Name: Red Spotted Purple

Scientific Name: *Limenitis arthemis*

Lifespan of Adults: Ranging from 6 to 14 days.

Host Plant: Primarily feed on black cherry and deerberry plants.

Wingspan: From 3" to 3.5"

Link: <https://www.butterflyidentification.com/red-spotted-purple.htm>



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Name: Sachem

Scientific Name: *Atalopedes huron*

Lifespan of Adults: Typically from 1 to 2 weeks but can live up to 4 weeks.

Host Plant: Various grasses such as bermuda grass and crabgrass.

Wingspan: From 1" to 1-1/2"

Link: <https://alabama.butterflyatlas.usf.edu/species/details/19/sachem>



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Name: Spring Azure

Scientific Name: *Celastrina ladon*

Lifespan of Adults: Typically only a few days.

Host Plant: Prefers dogwoods, meadowsweet, and Collinsia.

Wingspan: From 0.87" to 1.8"

Link: <https://www.butterflyidentification.com/spring-azure.htm>



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Male Summer Azure



Female Summer Azure



Name: Summer Azure

Scientific Name: *Celastrina neglecta*

Lifespan of Adults: Up to a few weeks.

Host Plant: Prefers dogwoods, New Jersey Tea, and other similar plants.

Wingspan: From 0.91" to 1.14"

Link: <https://www.butterflyidentification.com/summer-azure.htm>



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Name: Silver-spotted Skipper

Scientific Name: *Epargyreus clarus*

Lifespan of Adults: About 1 to 2 weeks.

Host Plant: Prefers black locust, honey locust, and false indigo.

Wingspan: From 1.75" to 2.63"

Link: <https://www.butterflyidentification.com/silver-spotted-skipper.htm>



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Name: Viceroy

Scientific Name: *Limenitis archippus*

Lifespan of Adults:

Host Plant: Favors trees from the willow family such as willows, poplars, and cottonwoods.

Wingspan: From 2.6" to 3"

Link: <https://www.butterflyidentification.com/viceroy.htm>



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Photo & Information References

Butterfly Identification

<https://www.butterflyidentification.com/>

Bugwood

<https://www.bugwood.org/>

Additional Resources

Pollinator Partnership & NRCS Michigan

<https://www.pollinator.org/nrcs-michigan>

Native Plants & Ecosystem Services, MSU

<https://www.canr.msu.edu/nativeplants/>

Monarchs, Michigan DNR

<https://www.michigan.gov/dnr/education/michigan-species/insects/monarch>

Butterflies in the Garden, MSU

<https://www.canr.msu.edu/4hgarden/butterflies/>

**Guide created by
Environmental Outreach
Coordinator, Katie Hager**



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