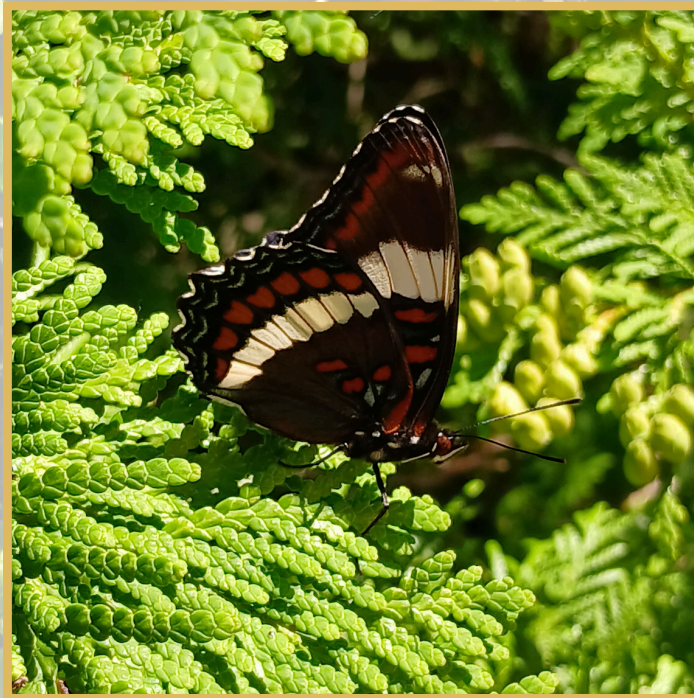




BUTTERFLIES OF THE RIDGES SANCTUARY

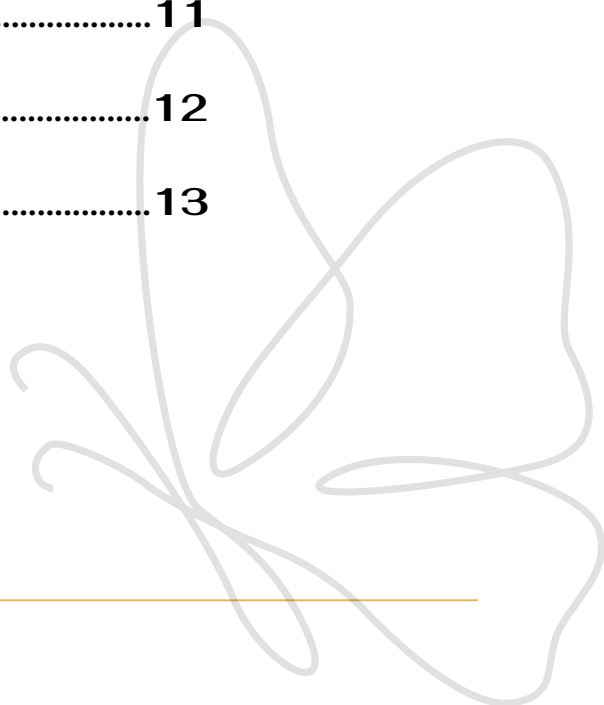


A Field Guide to Butterflies of
The Ridges Sanctuary

Heidi Williamson

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INTRODUCTION

“Butterflies of The Ridges Sanctuary” was created by Heidi Williamson during her time as a Summer Naturalist at The Ridges Sanctuary. This field guide is a product of her summer project as she documented butterfly species through walking surveys and fruit traps. She hopes that this can be a useful guide to identify butterflies found in the Ridges.

Heidi is a college student from Tulsa, Oklahoma attending Texas A&M University. She is working toward a degree in Ecology & Conservation Biology. She is passionate about wildlife conservation and helping people discover and experience the natural world around us.

How the guide works

Butterfly species are grouped based on their phylogenetic relationships, that is, how they are categorized by scientists based on how species are related to each other evolutionarily. At the top of each page is the common name for the group the butterflies on that page belong to. Some groups need multiple pages, in these cases, the group name is listed on all pages for that group. On each page typically four species are pictured along with their common name and species name underneath.

Group

TRUE BRUSHFOOTS

Photo



photographer: Heidi Williamson

Additional Photo



COMMON NAME

RED-SPOTTED
ADMIRAL

Limenitis arthemis

Photographer's name

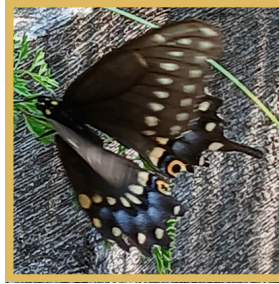
Species name

SWALLOWTAILS



photographer: Heidi Williamson

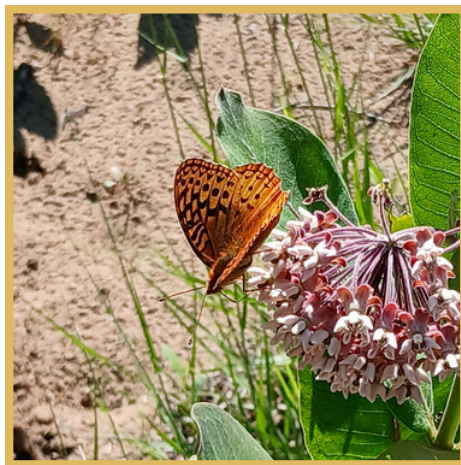
CANADIAN TIGER
SWALLOWTAIL
Papilio canadensis



photographer: Heidi Williamson

BLACK SWALLOWTAIL
Papilio polyxenes

FRITILLARIES



photographer: Heidi Williamson

GREAT SPANGLED
FRITILLARY
Argynnis cybele

WHITES



photographer: Heidi Williamson

CABBAGE WHITE

Pieris rapae



photographer: Libby Humphries

MUSTARD WHITE

Pieris napi

SULPHURS



photographer: Libby Humphries

CLOUDED SULPHUR

Colias philodice



photographer: Heidi Williamson

ORANGE SULFUR

Colias eurytheme

SATYRS



photographer: Heidi Williamson

LITTLE WOOD-SATYR

Megisto cymela



photographer: Dan Scheiman

EYED BROWN

Satyrodes eurydice



photographer: Heidi Williamson

NORTHERN PEARLY-EYE

Enodia anthedon



photographer: Dan Scheiman

APPALACHIAN BROWN

Satyrodes appalachia

SATYRS



photographer: Cathy Costelow

COMMON RINGLET

Coenonympha tullia



photographer: Heidi Williamson

COMMON WOOD- NYMPH

Cercyonis pegala

ELFINS



photographer: Cathy Costelow

BROWN ELFIN

Callophrys augustinus



photographer: Dan Scheiman

SPRING AZURE

Celastrina ladon

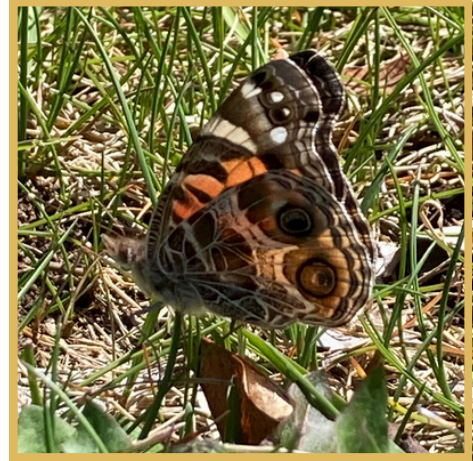
TRUE BRUSHFOOTS



photographer: Albert Kennedy

RED ADMIRAL

Vanessa atalanta



photographer: Libby Humphries

AMERICAN LADY

Vanessa virginiensis



photographer: Heidi Williamson

MOURNING CLOAK

Nymphalis antiopa



photographer: Heidi Williamson

NORTHERN CRESCENT

Phyciodes cocyta

TRUE BRUSHFOOTS



photographer: Heidi Williamson

RED-SPOTTED
ADMIRAL
Limenitis arthemis



photographer: Heidi Williamson

VICEROY
Limenitis archippus

MONARCHS



photographer: Dan Scheiman

COMMON BUCKEYE
Junonia coenia



photographer: Anna Foster

MONARCH
Danaus plexippus

SKIPPERS



photographer: Heidi Williamson

LONG DASH SKIPPER

Polites mystic



photographer: Libby Humphries

DUN SKIPPER

Euphyes vestris



photographer: Dan Scheiman

BROAD-WINGED SKIPPER

Poanes viator



photographer: Dan Scheiman

LITTLE GLASSYWING

Pompeius verna

SKIPPERS



photographer: Heidi Williamson

EUROPEAN SKIPPER

Thymelicus lineola



photographer: Dan Scheiman

HOBOMOK SKIPPER

Poanes hobomok



PHOTOGRAPHERS



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Director of Programming

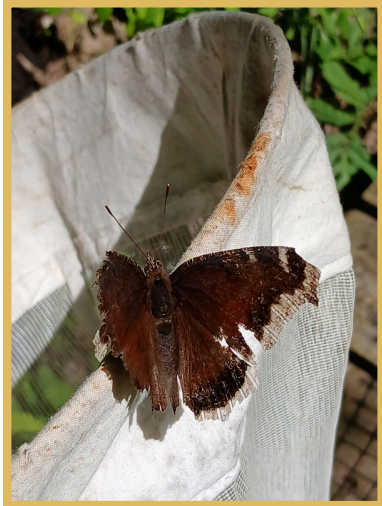


CATHY COSTELOW

Visitor Engagement Specialist

DOCUMENTATION METHODS

There were two main ways that species were documented and photographed for this project: walking surveys and fruit trapping.



Butterflies enter here

Butterfly Walking Surveys

Walking surveys were conducted on warm sunny days by walking the Ridges property with a phone camera and butterfly net. The locations I chose to walk usually had open areas and lots of sun. I conducted these walking surveys for one hour each, including the walking time to the chosen location. I would slowly walk around watching for the characteristic flutter of butterfly wings. Once one had been spotted I waited for it to land before attempting to sneak up and snap a picture. For some of the less cooperative butterflies, I snuck up to catch them in the net before photographing.

Butterfly Fruit Traps

Two fruit traps were made and placed at locations around the Ridges where butterflies are commonly seen. The traps were made based on a design found online at butterflyboutique.net. The bait used consisted of old fruit mixed with sugar and some sand wet with beer. The butterflies enter at the base of the trap where the bait is then fly up to the top of the net. Both traps were set out in the either morning or afternoon and checked approximately every four hours. Butterflies found in the traps were photographed then set free. The traps were taken down at the end of the day.

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www.ridgessanctuary.org

GROUP



photographer:

COMMON NAME

species name



photographer:

COMMON NAME

species name

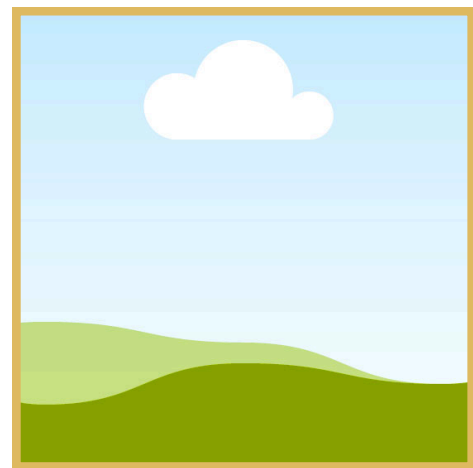
GROUP



photographer:

COMMON NAME

species name



photographer:

COMMON NAME

species name