

BUTTERFLY BEHAVIOR CHECKLIST

Butterflies are fascinating creatures to observe. Each year, as habitats and climates change, butterfly populations fluctuate. Butterfly enthusiasts often provide professionals with much-needed data from checklists. You can help track and maintain data by using this checklist when you visit Arkansas's State Parks. Simply give this checklist to the park interpreter or mail it to the address below.

WHAT TO LOOK FOR:

Feeding:

Butterflies drink with a long, straw-like tube called a proboscis. Was the butterfly...

- Puddling, drinking liquids from damp ground, sand, or other source?
- Drinking nectar from flowers? Observe the flower species, color, height, and shape.

Flight:

- Flight slow, graceful, soaring?
- Flight short, erratic pattern?

Thermoregulation:

Butterflies are cold-blooded and must rely on the temperature of their environment to warm flight muscles. Butterflies orient their wings to the sun, a behavior called basking.

- Dorsal basking (wings open to the sun)
- Lateral basking (wings closed, tilted 90° to sun)

Mating:

Mating behavior is poorly understood and seldom observed.

- Patrolling down a trail—males patrol in search of females
- Patrolling down a road
- Hilltopping—unmated females fly to hilltops in search of males.
- Courtship—females accepting or rejecting males
- Mating—may last several hours, one sex may fly off carrying the other

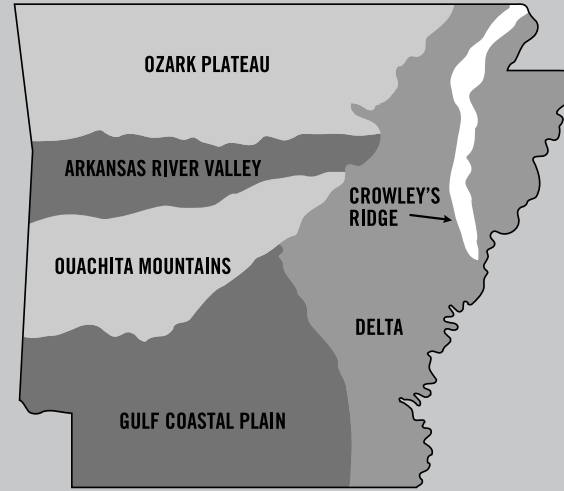
Checklist compiled by Lori Spencer of the Ozark Natural Science Center. For more information or to report butterfly sightings, contact Ms. Spencer at:
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ARKANSAS BUTTERFLY CHECKLIST



This checklist is a collaboration between
**Arkansas State Parks and
 the Ozark Natural Science Center.**

www.ArkansasStateParks.com
<http://onsc.uark.edu>



SYMBOLS USED IN THIS CHECKLIST

Arkansas Regions:

OZ=Ozark Plateau
 ARV=Arkansas River Valley
 OM=Ouachita Mountains
 MD=Mississippi Delta
 GC=Culf Coastal Plain
 CR=Crowley's Ridge
 ST=Statewide

Flight Times:

Numbered by month of the year: 3=March, 4=April, 5=May, etc.

Relative Abundance (RA) symbols:

C=Common (almost always seen each year)
 U=Uncommon (few individuals seen at each spot each year)
 R=Rare (Unlikely to see more than 1-2 individuals, not every year)
 E=Expected (should occur but no records)

- All species are breeding residents unless otherwise noted.
- The common names used in this checklist follow *The Common Names of North American Butterflies* by Jacqueline Miller, 1992.

Cover photo: Zebra Swallowtail (Eurytides marcellus) by Don Simons • The Zebra Swallowtail is a common butterfly preferring wooded habitats during spring and summer.

SPECIES ACCOUNT FLIGHT REGION RA

Hesperiidae—Skippers



<input type="checkbox"/>	Silver-spotted Skipper	6-9	ST	C
<input type="checkbox"/>	Long-tailed Skipper	6-9	ST	R
<input type="checkbox"/>	Golden-banded Skipper	6-9	ST	R
<input type="checkbox"/>	Hoary Edge	6-9	ST	C
<input type="checkbox"/>	S. Cloudy Wing	6-9	ST	U
<input type="checkbox"/>	N. Cloudy Wing	6-9	ST	C
<input type="checkbox"/>	Confused Cloudy Wing	6-9	ST	R
<input type="checkbox"/>	Scalloped Sooty Wing	6-9	ST	R
<input type="checkbox"/>	Dreamy Dusky Wing	4-9	OZ, OM, ARV	R
<input type="checkbox"/>	Sleepy Dusky Wing	4-9	ST	C
<input type="checkbox"/>	Juvenal's Dusky Wing	4-9	ST	C
<input type="checkbox"/>	Horace's Dusky Wing	4-9	ST	C
<input type="checkbox"/>	Mottled Dusky Wing	4-9	ST	U
<input type="checkbox"/>	Funereal Dusky Wing	4-9	ST	U
<input type="checkbox"/>	Wild Indigo Dusky Wing	4-9	ST	U
<input type="checkbox"/>	Checkered Skipper	4-9	ST	C
<input type="checkbox"/>	Common Sooty Wing	4-9	ST	C
<input type="checkbox"/>	Swarthy Skipper	4-9	ST	U
<input type="checkbox"/>	Clouded Skipper	4-9	ST	U
<input type="checkbox"/>	Least Skipper	4-9	ST	R
<input type="checkbox"/>	Southern Skipperling	4-9	S. 1/4	R
<input type="checkbox"/>	Fiery Skipper	4-9	ST	C
<input type="checkbox"/>	Leonard's Skipper	4-9	OZ, OM, ARV	R
<input type="checkbox"/>	Cobweb Skipper	4-9	W. 1/2, ARV	R
<input type="checkbox"/>	Tawny-edged Skipper	4-9	ST	C
<input type="checkbox"/>	Crossline Skipper	4-9	ST	R
<input type="checkbox"/>	Whirlabout	4-9	OM, GC, ARV	U
<input type="checkbox"/>	Broken Dash	4-9	ST ex. NE	U
<input type="checkbox"/>	N. Broken Dash	4-9	ST	R
<input type="checkbox"/>	Little Glassywing	4-9	ST	R
<input type="checkbox"/>	Sachem	4-9	ST	C
<input type="checkbox"/>	Delaware Skipper	4-9	ST	C
<input type="checkbox"/>	Byssus Skipper	4-9	OZ, OM, ARV	R
<input type="checkbox"/>	Hobomok Skipper	4-9	N. 1/2	U
<input type="checkbox"/>	Zabulon Skipper	4-9	ST	C
<input type="checkbox"/>	Yehl Skipper	4-9	ST	R
<input type="checkbox"/>	Broad-winged Skipper	4-9	OM, GC, ARV	R

SPECIES ACCOUNT FLIGHT REGION RA

Hesperiidae—Skippers, continued

___ Dion Skipper	4-9	ST	C
___ Duke's Skipper	4-9	E. 1/4	U
___ Dun Skipper	4-9	ST	U
___ Dusted Skipper	4-9	ST	U
___ Pepper and Salt Skipper	4-9	ST	R
___ Linda's Roadside Skipper	4-9	N. 1/2	R
___ Lace-winged Roadside Skipper	4-9	N. 1/2	R
___ Carolina Roadside Skipper	4-9	OZ, CR, MD	R
___ Roadside Skipper	4-9	ST	C
___ Bell's Roadside Skipper	4-9	ST ex. SE 1/4	R
___ Least Florida Skipper	4-9	S. 1/2	U
___ Eufala Skipper	4-9	ST	U
___ Ocala Skipper	4-9	S. Edge	R
___ Yucca Giant Skipper	4-9	SW 1/4	U

Papilionidae—Swallowtails



___ Pipevine Swallowtail	4-9	ST	C
___ Zebra Swallowtail	4-8	ST	C
___ Black Swallowtail	4-9	ST	C
___ Ozark Swallowtail	4-9	OZ	E
___ Giant Swallowtail	7-8	ST	C
___ Tiger Swallowtail	4-8	ST	C
___ Spicebush Swallowtail	4-8	ST	C

Pieridae—Whites & Sulphurs



___ Checkered White	4-9	ST	C
___ Cabbage White	4-11	ST	C
___ Olympia Marble	4-5	W. 1/2	R
___ Falcate Orangetip	4-5	ST	C
___ Clouded Sulphur	3-11	ST	C
___ Alfalfa Butterfly	3-11	ST	C
___ Dog Face	4-8	ST	R

SPECIES ACCOUNT FLIGHT REGION RA

___ Cloudless Sulphur	3-4, 9-11	ST	C
___ Mexican Yellow-Vagrant	4-7	W. 1/3	R
___ Little Sulphur	4-11	ST	C
___ Sleepy Orange	5-9	ST	C
___ Dainty Sulphur	5-9	ST	U

Lycaenidae—Blues, Coppers, Hairstreaks



___ Harvester	4-9	ST	U
___ American Copper	4-9	N. 2/3	U
___ Great Purple Hairstreak	4-9	ST	U
___ Coral Hairstreak	4-9	N. 2/3	C
___ Edward's Hairstreak	4-9	N. 2/3	U
___ Banded Hairstreak	4-9	ST	U
___ Hickory Hairstreak	4-9	OZ	R
___ King's Hairstreak	4-9	ST ex. OZ	R
___ Striped Hairstreak	4-9	ST	U
___ Red-banded Hairstreak	4-9	ST	C
___ Olive Hairstreak	4-9	ST	C
___ Frosted Elfin	4-9	OM, GC, ARV	U
___ Henry's Elfin	4-9	ST	C
___ E. Pine Elfin	4-9	ST	C
___ S. Hairstreak	4-9	ST	U
___ White M Hairstreak	4-9	ST	R
___ Gray Hairstreak	4-9	ST	C
___ Pygmy Blue	4-9	OZ, OM, ARV	R
___ Reakirt's Blue	4-9	W. 1/2	U
___ Eastern Tailed Blue	3-11	ST	C
___ Spring Azure	3-11	ST	C
___ Dusky Azure	5-9	OZ	R
___ Silvery Blue	5-9	W. 1/2	R

Riodinidae—Metalmarks



___ Swamp Metalmark	4-9	OZ	R
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SPECIES ACCOUNT FLIGHT REGION RA

Libytheidae—Snouts



___ Snout Butterfly	5-12	ST	C
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Heliconiidae—Longwings



___ Gulf Fritillary	4-8	ST	C
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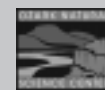
Nymphalidae—Brushfoots



___ Variegated Fritillary	6-9	ST	C
___ Diana	5-9	S. OZ, OM, ARV	U
___ Great Spangled Fritillary	6-10	N. 2/3	C
___ Regal Fritillary	6-9	N. OZ	R
___ Gorgone Checkerspot	6-9	W. 1/2	R
___ Silvery Checkerspot	6-9	ST	R
___ Phaon Crescent	6-9	ST ex. NE	R
___ Pearl Crescent	5-10	ST	C
___ Baltimore	5-7	N. 1/2	U
___ Question Mark	3-5, 10-11	ST	C
___ Hop Merchant	3-5, 10-11	ST	C
___ Gray Comma	3-5, 10-11	N. 1/2	U
___ Mourning Cloak	3-5, 10-11	ST	C
___ Painted Lady	3-9	ST	C
___ American Painted Lady	3-9	ST	C
___ Red Admiral	3-5, 10	ST	C
___ Buckeye	3-10	ST	C
___ Red-spotted Purple	3-10	ST	C
___ Viceroy	5-9	ST	U



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SPECIES ACCOUNT FLIGHT REGION RA

Apaturidae—Goatweed, Hackberry, Emperors



___ Goatweed Butterfly	7-10	ST	C
___ Hackberry Butterfly	6-9	ST	C
___ Tawny Emperor	6-9	ST	C

Satyridae—Satyrs



___ S. Pearly Eye	6-9	ST	R
___ N. Pearly Eye	6-9	ST	U
___ Creole Pearly Eye	6-9	ST	R
___ Gemmed Satyr	6-9	ST	R
___ Carolina Satyr	6-9	ST	C
___ Georgia Satyr	6-9	S. 1/3	R
___ Little Wood Satyr	6-9	ST	C
___ Common Wood Nymph	6-9	ST	U

Danaidae—Monarchs



___ Monarch	5-10	ST	C
___ Queen	5-10	ST	R

Name _____

Address _____

City/State/Zip _____

email _____

Species total _____

County _____ Date _____

Comments _____
