

Summary of Butterfly Observations

Observations made by Ed Rothwell
Summary generated on **March 27, 2023**

3096 total observations made of 198 species from 6 families.
Observations made in 22 states and provinces.

Papilionidae (7 species observed)

- *Battus philenor* (Pipevine swallowtail) (2): Michigan(1), Missouri(1)
- *Eurytides marcellus* (Zebra swallowtail) (1): Arkansas(1)
- *Papilio canadensis* (Canadian tiger swallowtail) (6): Michigan(6)
- *Papilio cresphontes* (Giant swallowtail) (30): Iowa(1), Michigan(29)
- *Papilio glaucus* (Eastern tiger swallowtail) (45): Michigan(45)
- *Papilio polyxenes* (Black swallowtail) (28): Indiana(1), Iowa(1), Michigan(26)
- *Papilio troilus* (Spicebush swallowtail) (42): Arkansas(1), Indiana(1), Michigan(39), Ohio(1)

Pieridae (18 species observed)

- *Abaeis nicippe* (Sleepy orange) (4): Arizona(1), Colorado(1), New Mexico(2)
- *Anthocaris cethura* (Desert orangetip) (2): Arizona(2)
- *Anthocharis stella* (Stella orangetip) (2): Washington(2)
- *Anthocharis thoosa* (Southwestern orangetip) (1): Arizona(1)
- *Colias eurytheme* (Orange sulphur) (45): Arizona(1), Arkansas(1), Colorado(1), Indiana(1), Iowa(1), Kansas(3), Michigan(34), Washington(3)
- *Colias interior* (Pink-edged sulphur) (5): Michigan(5)
- *Colias philodice* (Clouded sulphur) (132): Indiana(1), Iowa(1), Kansas(1), Michigan(124), Montana(1), Ohio(1), Washington(2), Wyoming(1)
- *Euchloe olympia* (Olympia marble) (2): Michigan(2)
- *Eurema mexicana* (Mexican yellow) (3): Arizona(3)
- *Kricogonia lyside* (Lyside sulphur) (3): Texas(3)
- *Nathalae iole* (Dainty sulphur) (12): Arizona(2), Kansas(3), Nebraska(1), New Mexico(3), Texas(3)
- *Phoebis sennae* (Cloudless sulphur) (2): Michigan(2)
- *Pieris oleracea* (Mustard white) (2): Michigan(1), South Dakota(1)
- *Pieris rapae* (Cabbage white) (127): California(1), Indiana(1), Kansas(1), Michigan(119), Nebraska(1), Ohio(1), Washington(3)

- *Pieris virginiensis* (West Virginia white) (3): Michigan(3)
- *Pontia beckerii* (Becker's white) (1): Washington(1)
- *Pontia protodice* (Checkered white) (12): Arizona(5), Colorado(2), Kansas(2), Michigan(1), New Mexico(2)
- *Pyrisitia lisa* (Little yellow) (6): Michigan(2), Texas(4)

Lycaenidae (43 species observed)

- *Atlides halesus* (Great purple hairstreak) (1): Arizona(1)
- *Brephidium exilis* (Western pygmy blue) (7): Arizona(2), Colorado(1), Kansas(2), New Mexico(2)
- *Callophrys augustinus* (Brown elfin) (7): Michigan(6), Washington(1)
- *Callophrys eryphon* (Western pine elfin) (2): Washington(2)
- *Callophrys henrici* (Henry's elfin) (2): Michigan(2)
- *Callophrys irus* (Frosted elfin) (1): Michigan(1)
- *Callophrys mcfarlandi* (Sandia hairstreak) (1): Texas(1)
- *Callophrys mossii* (Moss' elfin) (1): Washington(1)
- *Callophrys niphon* (Eastern pine elfin) (13): Michigan(13)
- *Callophrys polios* (Hoary elfin) (3): Michigan(2), Washington(1)
- *Callophrys spinetorum* (Thicket hairstreak) (1): Washington(1)
- *Calycopis isobea* (Dusky-blue groundstreak) (2): Texas(2)
- *Celastrina echo* (Echo azure) (3): Arizona(1), Washington(2)
- *Celastrina ladon* (Spring azure) (4): Michigan(4)
- *Celastrina lucia* (Northern azure) (39): Michigan(37), Washington(2)
- *Celastrina neglecta* (Summer azure) (35): Michigan(33), Ohio(1), Texas(1)
- *Cupido amyntula* (Western tailed-blue) (1): Washington(1)
- *Echinargus isola* (Reakirt's blue) (14): Arizona(7), Kansas(2), Texas(5)
- *Euphilotes bernardino* (Bernardino dotted-blue) (1): California(1)
- *Everes comyntas* (Eastern tailed-blue) (101): Arkansas(1), Indiana(2), Iowa(1), Kansas(1), Michigan(95), Ohio(1)
- *Feniseca tarquinius* (Harvester) (5): Michigan(5)
- *Glaucopsyche lygdamus* (Silvery blue) (8): Michigan(7), Washington(1)
- *Hemiargus ceraunus* (Ceraunus blue) (5): Arizona(5)
- *Leptotes cassius* (Cassius blue) (2): Texas(2)
- *Leptotes marina* (Marine blue) (7): Arizona(4), California(2), Nebraska(1)

- *Lycaena dorcas* (Dorcas copper) (1): Michigan(1)
- *Lycaena epizantha* (Bog copper) (1): Michigan(1)
- *Lycaena helloides* (Purplish copper) (3): Washington(3)
- *Lycaena hyllus* (Bronze copper) (12): Michigan(12)
- *Lycaena phlaeas* (American copper) (39): Indiana(2), Michigan(37)
- *Plebejus acmon* (Acmon blue) (1): New Mexico(1)
- *Plebejus idas* (Northern blue) (1): Michigan(1)
- *Plebejus lupini* (Lupine blue) (1): Arizona(1)
- *Plebejus melissa* (Melissa blue) (1): New Mexico(1)
- *Plebejus melissa samuelis* (Karner blue) (10): Michigan(10)
- *Satyrium Calanus* (Banded hairstreak) (27): Michigan(27)
- *Satyrium acadia* (Acadian hairstreak) (3): Michigan(3)
- *Satyrium caryaevorus* (Hickory hairstreak) (1): Michigan(1)
- *Satyrium edwardsii* (Edwards' hairstreak) (7): Michigan(7)
- *Satyrium liparops* (Striped hairstreak) (3): Michigan(2), Pennsylvania(1)
- *Satyrium titus* (Coral hairstreak) (3): Michigan(3)
- *Strymon istapa* (Mallow scrub-hairstreak) (1): Texas(1)
- *Strymon melinus* (Gray hairstreak) (20): Arizona(2), Colorado(1), Kansas(4), Michigan(8), Nebraska(1), New Mexico(1), Pennsylvania(1), Texas(1), Washington(1)

Riodinidae (5 species observed)

- *Apodemia mormo* (Mormon metalmark) (1): Arizona(1)
- *Apodemia palmeri* (Palmer's metalmark) (2): Arizona(2)
- *Apodemia virgulti* (Behr's metalmark) (1): California(1)
- *Calephelis arizonensis* (Arizona metalmark) (3): Arizona(3)
- *Calephelis nemesis* (Fatal metalmark) (2): Arizona(2)

Nymphalidae (65 species observed)

- *Adelpha eulalia* (Arizona sister) (3): Arizona(2), New Mexico(1)
- *Aglais milberti* (Milbert's tortoiseshell) (5): Michigan(4), Washington(1)
- *Agraulis vanillae* (Gulf fritillary) (2): Texas(2)
- *Anaea andria* (Goatweed leafwing) (1): Arkansas(1)
- *Anartia jatrophae* (White peacock) (2): Arizona(1), Texas(1)

- *Anthanassa texana* (Texan crescent) (3): Texas(3)
- *Asterocampa celtis* (Hackberry emperor) (13): Arkansas(1), Michigan(11), Texas(1)
- *Asterocampa clyton* (Tawny emperor) (11): Michigan(10), Texas(1)
- *Asterocampa leilia* (Empress leilia) (3): Arizona(2), Texas(1)
- *Boloria bellona* (Meadow fritillary) (1): Iowa(1)
- *Boloria selene* (Silver-bordered fritillary) (3): Michigan(3)
- *Cercyonis pegala* (Common wood-nymph) (58): Indiana(1), Massachusetts(1), Michigan(55), Pennsylvania(1)
- *Chlosyne gorgone* (Gorgone checkerspot) (1): Kansas(1)
- *Chlosyne harrisii* (Harris' checkerspot) (10): Michigan(10)
- *Chlosyne lacinia* (Bordered patch) (1): Texas(1)
- *Chlosyne nycteis* (Silvery checkerspot) (5): Michigan(4), Texas(1)
- *Chlosyne theona* (Theona checkerspot) (2): Texas(2)
- *Coenonympha tullia* (Common ringlet) (56): Michigan(53), Washington(3)
- *Cyllopsis pertepida* (Canyonland satyr) (2): Arizona(1), Texas(1)
- *Cyllopsis pyracmon* (Nabokov's satyr) (1): Arizona(1)
- *Danaus gilippus* (Queen) (4): Arizona(2), Texas(2)
- *Danaus plexippus* (Monarch) (134): Arizona(2), Arkansas(1), California(1), Indiana(1), Iowa(2), Kansas(4), Michigan(121), Ohio(1), Texas(1)
- *Enodia anthedon* (Northern pearly-eye) (50): Michigan(49), New York(1)
- *Euphydryas phaeton* (Baltimore checkerspot) (22): Michigan(22)
- *Euptoieta claudia* (Variegated fritillary) (12): Arizona(2), Colorado(1), Kansas(1), Michigan(4), New Mexico(2), Texas(2)
- *Gyrocheilus patrobas* (Red-bordered satyr) (1): Arizona(1)
- *Hermeuptychia sosybius* (Carolina satyr) (1): Texas(1)
- *Junonia coenia* (Common buckeye) (51): Arizona(3), Kansas(1), Louisiana(1), Michigan(42), New Mexico(2), Texas(2)
- *Libytheana carinenta* (American snout) (6): Arizona(1), Arkansas(1), Louisiana(1), Michigan(2), Texas(1)
- *Limenitis archippus* (Viceroy) (77): Michigan(76), Ohio(1)
- *Limenitis arthemis arizonensis* (Arizona red-spotted purple) (1): Arizona(1)
- *Limenitis arthemis arthemis* (White admiral) (5): Michigan(5)
- *Limenitis arthemis astyanax* (Red-spotted purple) (49): Michigan(47), Ohio(1), Pennsylvania(1)
- *Megisto cymela* (Little wood-satyr) (67): Iowa(1), Michigan(66)

- *Megisto rubricata* (Red satyr) (3): Arizona(2), Texas(1)
- *Mestra amymone* (Common mestra) (1): Texas(1)
- *Neonympha mitchellii* (Mitchell's satyr) (1): Michigan(1)
- *Nymphalis antiopa* (Mourning cloak) (54): California(1), Michigan(48), Ohio(1), Washington(4)
- *Nymphalis californica* (California tortoiseshell) (2): Washington(2)
- *Nymphalis vaualbum* (Compton tortoiseshell) (3): Michigan(3)
- *Oeneis chryxus* (*Chryxus arctic*) (1): Michigan(1)
- *Phyciodes batesii* (Tawny crescent) (1): Michigan(1)
- *Phyciodes cocyta* (Northern crescent) (73): Michigan(73)
- *Phyciodes graphica* (Vesta crescent) (1): Texas(1)
- *Phyciodes mylitta* (Mylitta crescent) (4): Washington(4)
- *Phyciodes phaon* (Phaon crescent) (3): Texas(3)
- *Phyciodes picta* (Painted crescent) (3): Kansas(1), New Mexico(2)
- *Phyciodes tharos* (Pearl crescent) (81): Arkansas(2), Colorado(1), Indiana(2), Iowa(2), Kansas(2), Louisiana(1), Michigan(69), Ohio(2)
- *Polygonia comma* (Eastern comma) (92): Michigan(90), Ohio(1), Pennsylvania(1)
- *Polygonia faunus* (Green comma) (4): Michigan(2), Washington(2)
- *Polygonia progne* (Gray comma) (14): Michigan(14)
- *Polygonia satyrus* (Satyr comma) (2): Washington(2)
- *Satyrodes appalachia* (Appalachian brown) (44): Michigan(44)
- *Satyrodes eurydice* (Eyed brown) (20): Michigan(20)
- *Speyeria aphrodite* (Aphrodite fritillary) (5): Michigan(5)
- *Speyeria atlantis* (Atlantis fritillary) (5): Michigan(5)
- *Speyeria cybele* (Great spangled fritillary) (60): Indiana(1), Michigan(58), Pennsylvania(1)
- *Speyeria cybele krautwurmi* (Krautwurm's fritillary) (1): Michigan(1)
- *Speyeria idalia* (Regal fritillary) (1): Indiana(1)
- *Texola elada* (Elada checkerspot) (2): Arizona(1), Texas(1)
- *Vanessa annabella* (West coast lady) (1): California(1)
- *Vanessa atalanta* (Red admiral) (57): Arkansas(1), California(1), Colorado(1), Illinois(1), Iowa(1), Michigan(50), Washington(2)
- *Vanessa cardui* (Painted lady) (46): Arizona(6), Kansas(3), Michigan(37)

- *Vanessa viginensis* (American lady) (35): Arizona(1), Arkansas(1), Indiana(1), Iowa(1), Kansas(2), Louisiana(1), Michigan(27), Missouri(1)
- *polygonia interrogationis* (Question mark) (21): Arkansas(1), Louisiana(1), Michigan(19)

Hesperiidae (60 species observed)

- *Achalarus lyciades* (Hoary edge) (2): Michigan(2)
- *Amblyscirtes celia* (Celia's roadside-skipper) (1): Texas(1)
- *Amblyscirtes eos* (Dotted roadside-skipper) (1): New Mexico(1)
- *Amblyscirtes hegon* (Pepper and salt skipper) (2): Michigan(2)
- *Amblyscirtes vialis* (Common roadside-skipper) (9): Michigan(8), Washington(1)
- *Anatrytone logan* (Delaware skipper) (27): Michigan(27)
- *Ancyloxypha numitor* (Least skipper) (68): Michigan(68)
- *Atalopedes campestris* (Sachem) (3): Kansas(2), Michigan(1)
- *Atrytonopsis deva* (Deva skipper) (1): Arizona(1)
- *Atrytonopsis hianna* (Dusted skipper) (3): Michigan(3)
- *Carterocephalus palaemon* (Arctic skipper) (6): Michigan(4), Washington(2)
- *Chioides albofasciatus* (White-striped longtail) (1): Texas(1)
- *Chiomara georgina* (White-patched skipper) (1): Arizona(1)
- *Copaeodes aurantiaca* (Orange skipperling) (4): Arizona(2), New Mexico(1), Texas(1)
- *Epargyreus clarus* (Silver-spotted skipper) (143): Arkansas(1), California(1), Indiana(2), Kansas(1), Michigan(137), Ohio(1)
- *Erynnis baptisiae* (Wild indigo duskywing) (18): Michigan(18)
- *Erynnis brizo* (Sleepy duskywing) (6): Michigan(5), New Mexico(1)
- *Erynnis funeralis* (Funereal duskywing) (5): Arizona(5)
- *Erynnis horatius* (Horace's duskywing) (4): Arkansas(1), Indiana(1), Louisiana(1), Michigan(1)
- *Erynnis icelus* (Dreamy duskywing) (9): Michigan(8), New Mexico(1)
- *Erynnis juvenalis* (Juvenal's duskywing) (30): Michigan(30)
- *Erynnis lucilius* (Columbine duskywing) (1): Michigan(1)
- *Erynnis tristis* (Mournful duskywing) (1): Texas(1)
- *Euphyes bimacula* (Two-spotted skipper) (1): Michigan(1)
- *Euphyes conspicua* (Black dash) (11): Michigan(11)
- *Euphyes dion* (Dion skipper) (7): Michigan(7)

- *Euphyes dukesi* (Dukes' skipper) (1): Michigan(1)
- *Euphyes vestris* (Dun skipper) (35): Michigan(34), Texas(1)
- *Heliopetes macaira* (Turk's-cap white-skipper) (1): Texas(1)
- *Heliopyrgus domicella* (Erichson's white skipper) (2): Arizona(2)
- *Hesperia juba* (Juba skipper) (2): Washington(2)
- *Hesperia leonardus* (Leonard's skipper) (6): Michigan(6)
- *Hesperia metea* (Cobweb skipper) (2): Michigan(2)
- *Hesperia sassacus* (Indian skipper) (15): Michigan(15)
- *Hylephila phyleus* (Fiery skipper) (25): Arizona(3), California(1), Kansas(2), Michigan(18), Texas(1)
- *Lerema accius* (Clouded skipper) (1): Texas(1)
- *Lerodea eufala* (Eufala skipper) (4): Arizona(4)
- *Ochlodes sylvanoides* (Woodland skipper) (1): Washington(1)
- *Panoquina ocola* (Ocola skipper) (1): Michigan(1)
- *Pholisora catullus* (Common sootywing) (18): Colorado(1), Kansas(1), Michigan(16)
- *Poanes hobomok* (Hobomok skipper) (27): Iowa(1), Michigan(26)
- *Poanes massasoit* (Mulberry wing) (19): Michigan(19)
- *Poanes viator* (Broad-winged skipper) (18): Michigan(18)
- *Poanes zabulon* (Zabulon skipper) (20): Michigan(20)
- *Polites mystic* (Long dash) (15): Michigan(15)
- *Polites origenes* (Crossline skipper) (8): Michigan(8)
- *Polites peckius* (Peck's skipper) (87): Michigan(87)
- *Polites sabuleti* (Sandhill skipper) (1): Washington(1)
- *Polites themistocles* (Tawny-edged skipper) (37): Michigan(37)
- *Polites vibex* (Whirlabout) (2): Texas(2)
- *Pompeius verna* (Little glassywing) (14): Michigan(14)
- *Pyrgus communis* (Common checkered-skipper) (49): Colorado(3), Kansas(2), Michigan(42), Texas(1), Washington(1)
- *Pyrgus oileus* (Tropical checkered-skipper) (3): Arizona(1), Texas(2)
- *Pyrgus philetas* (Desert checkered-skipper) (2): Texas(2)
- *Systasea zampa* (Arizona powdered skipper) (1): Arizona(1)
- *Thorybes bathyllus* (Southern cloudywing) (7): Michigan(7)
- *Thorybes pylades* (Northern cloudywing) (11): Arizona(1), Michigan(9), Texas(1)

- Thymelicus lineola (European skipper) (42): Michigan(42)
- Urbanus procne (Brown longtail) (1): Texas(1)
- Wallengrenia egeremet (Northern broken-dash) (21): Indiana(1), Michigan(19), New York(1)

Summary by state

- Arizona: 96 observations of 45 species
- Arkansas: 15 observations of 14 species
- California: 11 observations of 10 species
- Colorado: 13 observations of 10 species
- Illinois: 1 observations of 1 species
- Indiana: 20 observations of 16 species
- Iowa: 14 observations of 12 species
- Kansas: 42 observations of 22 species
- Louisiana: 6 observations of 6 species
- Massachusetts: 1 observations of 1 species
- Michigan: 2699 observations of 118 species
- Missouri: 2 observations of 2 species
- Montana: 1 observations of 1 species
- Nebraska: 4 observations of 4 species
- New Mexico: 23 observations of 15 species
- New York: 2 observations of 2 species
- Ohio: 13 observations of 12 species
- Pennsylvania: 6 observations of 6 species
- South Dakota: 1 observations of 1 species
- Texas: 70 observations of 45 species
- Washington: 55 observations of 30 species
- Wyoming: 1 observations of 1 species