



Full Species List of Butterflies

Insects are one of the most poorly understood animal groups in Shenandoah National Park. Park-wide insect diversity is not well documented, but insect survey data are available for certain special habitats within the park such as rock outcrops and wetlands. Butterflies are one of the better understood insect groups at Shenandoah. Information on butterfly diversity is collected each summer as part of the North American Butterfly Association annual butterfly count.

Large showy species such as the eastern tiger swallowtail (*Papilio glaucus*) and great spangled fritillary (*Speyeria cybele*) are most conspicuous, but small hairstreaks, coppers, skippers and blues may also be seen by patient observers. Most butterflies are likely to be observed in open areas such as Big Meadows and along Skyline Drive, but some, such as mourning cloaks (*Nymphalis antiopa*), eastern commas (*Polygonia comma*), and red admirals (*Vanessa atalanta*), may be encountered in the forest.

The health of butterfly populations is threatened by habitat degradation and pesticide use. Of particular concern is the dramatic decline of the iconic monarch butterfly (*Danaus plexippus*), which has been attributed to the loss of milkweed habitat in the United States and the degradation of over-wintering sites in Mexico.

This checklist was compiled on March 10, 2015 using data exported from the National Park Service NPSpecies database. The database can be accessed at <https://irma.nps.gov/NPSpecies/>. Here you will find search tools that make it possible to create updated or customized lists. This checklist and others are found at <https://irma.nps.gov/NPSpecies/Search/SpeciesList/SHEN>. Lists are currently available for the following: mammals, birds, fish, reptiles, amphibians, butterflies, plants (complete list), trees and shrubs, wildflowers, ferns, and grasses. Please be advised that Latin scientific names often change as a result of new research; therefore, scientific names used here may not reflect the most current accepted nomenclature.



Everes comyntas



Danaus plexippus



Papilio glaucus



Junonia coenia



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Bookmark this report: [https://irma.nps.gov/NPSpecies/Reports/Park/Species List/SHEN?](https://irma.nps.gov/NPSpecies/Reports/Park/Species%20List/SHEN?UnitCode=SHEN&CategoryCode=8&SortOrder=Sci&ShowSynonyms=False&ShowInReview=False)
UnitCode=SHEN&CategoryCode=8&SortOrder=Sci&ShowSynonyms=False&ShowInReview=False

This report is filtered by the following Taxonomic Categories: Insects

Scientific Name	Common Names	Occ	Abd	Nat	NPS Tags	Park Tags	GRank	SRank
<u>Insects</u>								
<i>Abaeis nicippe</i>	Sleepy Orange	P	R	N		ME; Sp, Su, Fa	G5	VA: SNR
<i>Achalarus lyciades</i>	Hoary-Edge Skipper	P	O	N		ME, XF; Sp, Su	G4G5	VA: S5
<i>Ancyloxypha numitor</i>	Least Skipper	P	C	N		ME, WL; Sp, Su, Fa	G5	VA: S5
<i>Anthocharis midea</i>	Falcate Orangetip	P	C	N		ME, MF, XF; Sp	G4G5	VA: S4
<i>Asterocampa celtis</i>	Hackberry Emperor	P	Uc	N		ME, MF; Sp, Su	G5	VA: S5
<i>Asterocampa clyton</i>	Tawny Emperor	P	Uc	N		MF; Su, Fa	G5	VA: S5
<i>Atalopedes campestris</i>	Sachem	P	A	N		ME; Su, Fa	G5	VA: S5
<i>Battus philenor</i>	Pipevine Swallowtail	P	R	N		ME, MF; Sp, Su, Fa	G5	VA: S5
<i>Boloria bellona</i>	Meadow Fritillary	P	A	N		ME; Sp, Su, Fa	G5	VA: S5
<i>Callophrys augustinus</i>	Brown Elfin	P	C	N		ME; Sp	G5	VA: S4
<i>Callophrys gryneus</i>	Olive Hairstreak	P	R	N		ME, XF; Sp, Su	G5	VA: S4
<i>Callophrys henrici</i>	Henry's Elfin	P	O	N		ME, XF; Sp	G5	VA: S4
<i>Callophrys niphon</i>	Eastern Pine Elfin	P	O	N		ME, XF; Sp	G5	VA: S4
<i>Calycopis cecrops</i>	Red-Banded Hairstreak	P	C	N		ME; Sp, Su, Fa	G5	VA: S5
<i>Celastrina ladon</i>	Spring Azure	P	A	N		ME, MF; Sp	G4G5	VA: S5
<i>Celastrina lucia</i>	Northern Azure	P	O	N		ME, MF, XF; Sp		
<i>Celastrina neglecta</i>	Summer Azure	P	A	N		ME, MF; Sp, Su	G5	VA: S5
<i>Celastrina neglectamajor</i>	Appalachian Azure	P	Uc	N		MF; Sp		
<i>Celastrina serotina</i>	Cherry Gall Azure	P	O	N		ME, MF; Sp	G5	VA: S2S4
<i>Cercyonis pegala</i>	Common Wood Nymph	P	A	N		PW; Su, Fa	G5	VA: S5
<i>Chlosyne nycteis</i>	Silvery Checkerspot	P	A	N		ME, MF, WL; Sp, Su	G5	VA: S4
<i>Colias eurytheme</i>	Orange Sulphur	P	A	N		ME; Sp, Su, Fa	G5	VA: S5
<i>Colias philodice</i>	Clouded Sulphur	P	A	N		ME; Sp, Su, Fa	G5	VA: S5
<i>Danaus plexippus</i>	Monarch	P	C	N		ME; Sp, Su, Fa	G5	VA: S4
<i>Enodia anthedon</i>	Northern Pearly Eye	P	Uc	N		ME, MF; Su		
<i>Epargyreus clarus</i>	Silver-Spotted Skipper	P	A	N		ME, MF, WL; Sp, Su, Fa	G5	VA: S5
<i>Erora laeta</i>	Early Hairstreak	P	O	N		ME, MF; Sp, Su	GU	VA: S2
<i>Erynnis baptisiae</i>	Wild Indigo Duskywing	P	C	N		ME, RO; Sp, Su, Fa	G5	VA: S5
<i>Erynnis brizo</i>	Sleepy Duskywing	P	A	N		ME, RO, XF; Sp	G5	VA: S5



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Scientific Name	Common Names	Occ	Abd	Nat	NPS Tags	Park Tags	GRank	SRank
<i>Erynnis horatius</i>	Horace's Duskywing	P	C	N		ME; Sp, Su, Fa	G5	VA: S5
<i>Erynnis icelus</i>	Dreamy Duskywing	P	A	N		ME, MF; Sp	G5	VA: S5
<i>Erynnis juvenalis</i>	Juvenal's Duskywing	P	C	N		ME, MF, XF; Sp	G5	VA: S5
<i>Euphydryas phaeton</i>	Baltimore	P	R	N		ME, WL; Su	G4	VA: SU
<i>Euphyes vestris</i>	Dun Skipper	P	C	N		ME, MF; Su, Fa	G5	VA: S5
<i>Euptoieta claudia</i>	Variegated Fritillary	P	Uc	N		ME; Su, Fa	G5	VA: S5
<i>Eurytides marcellus</i>	Zebra Swallowtail	P	Uc	N		ME, MF, WL; Sp, Su	G5	VA: S5
<i>Everes comyntas</i>	Eastern Tailed Blue	P	A	N		ME; Sp, Su, Fa		
<i>Feniseca tarquinius</i>	Harvester	P	R	N		MF, WL; Sp, Su, Fa	G4	VA: S4
<i>Glaucopsyche lygdamus</i>	Silvery Blue	P	R	N		XF; Sp	G5	VA: S3S4
<i>Hesperia sassacus</i>	Indian Skipper	P	R	N		ME; Sp, Su	G4G5	VA: S4
<i>Junonia coenia</i>	Common Buckeye	P	C	N		ME; Su, Fa	G5	VA: S5
<i>Libytheana carinenta</i>	American Snout	P	Uc	N		ME, MF, WL; Sp, Su, Fa	G5	VA: S5
<i>Limenitis archippus</i>	Viceroy	P	O	N		ME, WL; Sp, Su, Fa	G5	VA: S5
<i>Limenitis arthemis astyanax</i>	Red-Spotted Purple	P	C	N		ME, MF; Sp, Su	G5T5	VA: S5
<i>Lycaena phlaeas</i>	American Copper	P	C	N		ME; Sp, Su, Fa	G5	VA: S5
<i>Megisto cymela</i>	Little Wood Satyr	P	Uc	N		ME, MF; Sp, Su	G5	VA: S5
<i>Nathalis iole</i>	Dainty Sulphur	P	O	N		ME; Sp, Su, Fa	G5	
<i>Nymphalis antiopa</i>	Mourning Cloak	P	C	N		ME, MF, WL; All	G5	VA: S5
<i>Papilio appalachiensis</i>	Appalachian Tiger Swallowtail	P	O	N		ME, MF; Sp		
<i>Papilio cresphontes</i>	Giant Swallowtail	P	O	N		ME; Sp, Su, Fa	G5	VA: S4?
<i>Papilio glaucus</i>	Eastern Tiger Swallowtail	P	A	N		ME, MF, WL; Sp, Su, Fa	G5	VA: S5
<i>Papilio palamedes</i>	Palamedes Swallowtail	P	O	N		MF, WL; Sp, Su, Fa	G4	VA: S4
<i>Papilio polyxenes</i>	Black Swallowtail	P	C	N		ME, WL; Sp, Su, Fa	G5	VA: S5
<i>Papilio troilus</i>	Spicebush Swallowtail	P	A	N		MF, WL; Sp, Su, Fa	G4?	VA: S5
<i>Parrhasius m-album</i>	White-M Hairstreak	P	O	N		ME; Sp, Su, Fa	G5	VA: S4
<i>Phoebis sennae</i>	Cloudless Sulphur	P	O	N		ME; Su, Fa	G5	VA: SNR
<i>Pholisora catullus</i>	Common Sootywing	P	Uc	N		ME; Sp, Su, Fa	G5	VA: S5
<i>Phyciodes tharos</i>	Pearl Crescent	P	A	N		ME; Sp, Su, Fa	G5	VA: S5
<i>Pieris rapae</i>	Cabbage White	P	A	Nn		ME, WL; Sp, Su, Fa	G5	VA: SNA
<i>Pieris virginiensis</i>	West Virginia White	P	Uc	N		ME; Sp		
<i>Poanes hobomok</i>	Hobomok Skipper	P	A	N		ME, MF; Sp, Su	G5	VA: S4S5
<i>Poanes zabulon</i>	Zabulon Skipper	P	A	N		ME, MF; Sp, Su, Fa	G5	VA: S5
<i>Polites origenes</i>	Crossline Skipper	P	O	N		ME; Sp, Su, Fa	G4G5	VA: S5



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Scientific Name	Common Names	Occ	Abd	Nat	NPS Tags	Park Tags	GRank	SRank
<i>Polites peckius</i>	Peck's Skipper	P	A	N		ME; Sp, Su, Fa	G5	VA: S5
<i>Polygonia comma</i>	Eastern Comma	P	C	N		ME, MF, WL; All	G5	VA: S5
<i>Polygonia interrogationis</i>	Question Mark	P	C	N		ME, MF; Sp, Su, Fa	G5	VA: S5
<i>Polygonia progne</i>	Gray Comma	P	Uc	N		MF; Sp, Su, Fa	G4G5	VA: S4
<i>Pompeius verna</i>	Little Glassywing	P	C	N		ME, MF; Sp, Su, Fa	G5	VA: S5
<i>Pontia protodice</i>	Checkered White	P	O	N		ME; Sp, Su, Fa	G4	VA: S4
<i>Pyrgus communis</i>	Common Checkered Skipper	P	Uc	N		ME; Su, Fa	G5	VA: S5
<i>Pyrisitia lisa</i>	Little Yellow	P	O	N		ME; Su, Fa	G5	VA: S5
<i>Satyrium calanus</i>	Banded Hairstreak	P	A	N		ME, MF; Su	G5	VA: S5
<i>Satyrium caryaevorum</i>	Hickory Hairstreak	P	R	N		ME, MF; Su		
<i>Satyrium liparops</i>	Striped Hairstreak	P	Uc	N		ME, MF; Su	G5	VA: S4
<i>Speyeria aphrodite</i>	Aphrodite Fritillary	P	C	N		ME; Su, Fa	G5	VA: S5
<i>Speyeria cybele</i>	Great Spangled Fritillary	P	A	N		ME, WL; Su, Fa	G5	VA: S5
<i>Staphylus hayhurstii</i>	Hayhurst's Scallopwing	P	O	N		MF, WL; Sp, Su	G5	VA: S4
<i>Strymon melinus</i>	Gray Hairstreak	P	Uc	N		ME; Sp, Su, Fa	G5	VA: S5
<i>Thorybes pylades</i>	Northern Cloudywing	P	O	N		ME; Sp, Su	G5	VA: S5
<i>Vanessa atalanta</i>	Red Admiral	P	C	N		ME; Sp, Su, Fa	G5	VA: S5
<i>Vanessa cardui</i>	Painted Lady	P	C	N		ME; Sp, Su, Fa	G5	VA: S5
<i>Vanessa virginiensis</i>	American Lady	P	C	N		ME; Sp, Su, Fa	G5	VA: S5

Report Species Count: 82

NPSpecies - The National Park Service biodiversity database. IRMA Portal version. <https://irma.nps.gov/npspecies/>. Accessed 6/23/2015 2:27:31 PM

Key

	Code	Term	Definition
Occurrence (Occ)	P	Present	Species occurs in park; current, reliable evidence available.
	PP	Probably Present	High confidence species occurs in park but current, verified evidence needed.
	Un	Unconfirmed	Species is attributed to park but evidence is weak or absent.
	NP	Not In Park	Species is not known to occur in park.
Occurrence Tags	A	Adjacent	Species is known to occur in areas near to or contiguous with park boundaries.
	FR	False Report	Species was reported to occur within the park, but current evidence indicates the report was based on misidentification, a taxonomic concept no longer accepted, or other similar problem of error or interpretation.
	H	Historical	Species' historical occurrence in park is documented. Assigned based on judgment as opposed to determination based on age of the most recent evidence.



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Abundance (Abd)	A	Abundant	Animals: May be seen daily, in suitable habitat and season, and counted in relatively large numbers. Plants, Chromista, Protozoa, and Fungi: Large number of individuals; wide ecological amplitude or occurring in habitats covering a large portion of the park
	C	Common	Animals: May be seen daily, in suitable habitat and season, but not in large numbers. Plants, Chromista, Protozoa, and Fungi: Large numbers of individuals predictably occurring in commonly encountered habitats but not those covering a large portion of the park
	Uc	Uncommon	Animals: Likely to be seen monthly in appropriate habitat and season. May be locally common. Plants, Chromista, Protozoa, and Fungi: Few to moderate numbers of individuals; occurring either sporadically in commonly encountered habitats or in uncommon habitats
	R	Rare	Animals: Present, but usually seen only a few times each year. Plants, Chromista, Protozoa, and Fungi: Few individuals, usually restricted to small areas of rare habitat
	O	Occasional	Animals: Occurs in the park at least once every few years, varying in numbers, but not necessarily every year. Plants, Chromista, Protozoa, and Fungi: Abundance variable from year to year (e.g., desert plants)
	U	Unknown	Abundance unknown
	Nativeness (Nat)	N	Native
Nn		Non-native	Species occurring on park lands as a result of deliberate or accidental human activities.
U		Unknown	Nativeness status is unknown or ambiguous.
Nativeness Tags	R	Restoration	Also refers to reintroductions. Native species that has been extirpated or substantially diminished from the park as a result of human-induced change, and that has been or is in the process of being restored.
	C	Cultivated	Species has been introduced or is maintained as part of the park's mission, significance, or cultural landscape (e.g., orchards, crops, fields)
	I	Invasive	Non-native species whose introduction is likely to cause economic or environmental harm.
	N	Noxious	Designation by a governmental authority. Species grows aggressively and has broad environmental tolerance that allows it to establish in many locations.
Management Tags	EC	Exploitation Concern	Species is considered a target for collection, poaching, commercial harvesting, or other non-permitted or exploitative activities.
	MP	Management Priority	Species warrants particular management attention as determined by park management staff.
Seasonality Tags	B	Breeder	Population reproduces in the park.
	R	Resident	A significant population is maintained in the park but does not breed within park boundaries.
	M	Migratory	Species occurs in the park only while in transition between breeding and wintering grounds.
	S	Summer	Typically spending only summer months in the park.
	W	Winter	Typically spending only winter months in the park.



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Seasonality Tags	V	Vagrant	Park is outside of species' usual range.
ParkTags	Code	Term	Definition
Vegetation Life Form	Form		
	Tr	Tree	Tree
	Sh	Shrub	Shrub
	Vi	Vine	Vine
	He	Herb	Herb
	Gr	Graminoid	Graminoid (grass)
	Fe	Fern	Fern
	Ly	Lycopod	Lycopod
Habitat	Hab		
	AQ	Aquatic	Within rivers, streams and ponds
	CU	Cultural	Planted by humans, either by pre-park residents or park employees/contractors
	FE	Forest Edge	Forest borders and field margins
	ME	Meadow	Meadows, fields, lawns, forest clearings, and ruderal habitats
	MF	Mesic forest	Mesic and dry-mesic forests; represents a majority of park's forested area
	RO	Rock outcrop	Exposed and shaded outcrops, boulder fields, talus slopes, and rocky barrens
	SS	Shrub/Scrub	Second growth forest and habitats dominated by shrubs
	WL	Wetland	Riparian areas, seeps, springs, fens, swamps, and wetland hummocks
	XF	Xeric forest	Dry forests, including heath woodlands and shrublands
	PW	Park wide	Park wide
Seasons when the species is most easily encountered.	Seas		
	Sp	Spring	Spring (Mar, Apr, May)
	Su	Summer	Summer (Jun, Jul, Aug)
	Fa	Fall	Fall (Sept, Oct)
	Wi	Winter	Winter (Nov, Dec, Jan, Feb)
	All	All Year	All Year Round

GRank and SRank information is provided by NatureServe (www.natureserve.org) and its network of natural heritage member programs, a leading source of information about rare and endangered species, and threatened ecosystems.