

Appendix 1. List of butterfly species normally expected in mid-Missouri based on Heitzman and Heitzman (1997) with numbers of individual butterflies and number of sites at which the species was recorded.

Common Name	Scientific Name	2002		2003	
		#	Sites	#	Sites
Papilionidae					
Pipevine Swallowtail	<i>Battus philenor</i>	6	3	35	3
Zebra Swallowtail	<i>Eurytides marcellus</i>	9	7	12	5
Black Swallowtail	<i>Papilio polyxenes</i>	15	9	17	7
Giant Swallowtail	<i>Papilio cresphontes</i>	33	12	25	7
Eastern Tiger Swallowtail	<i>Papilio glaucus</i>	72	22	24	11
Spicebush Swallowtail	<i>Papilio troilus</i>	30	8	13	4
unidentified swallowtail		30		10	
Total		195	32	136	17
Pieridae					
Checkered White	<i>Pontia protodice</i>	-	-	-	-
Cabbage White	<i>Pieris rapae</i>	261	38	198	20
Falcate Orangetip	<i>Anthocharis midea</i>	-	-	-	-
Clouded Sulphur	<i>Colias philodice</i>	58	13	17	8
Orange Sulphur	<i>Colias eurytheme</i>	7	5	18	4
Clouded/Orange Sulphur	<i>Colias sp.</i>	25		3	
Southern Dogface	<i>Zerene cesonia</i>	-	-	-	-
Cloudless Sulphur	<i>Phoebis sennae</i>	116	35	14	7
Little Yellow	<i>Eurema lisa</i>	7	4	5	3
Sleepy Orange	<i>Eurema nicippe</i>	3	2	3	1
Dainty Sulphur	<i>Nathalis iole</i>	-	-	2	1
unidentified white		16		35	
unidentified sulphur		120		36	
Total		613	49	331	26
Lycaenidae					
Harvester	<i>Feniseca tarquinius</i>	-	-	-	-
American Copper	<i>Lycaena phlaeas</i>	2	1	-	-
Bronze Copper	<i>Lycaena hyllus</i>	-	-	-	-
Coral Hairstreak	<i>Satyrium titus</i>	-	-	-	-
Banded Hairstreak	<i>Satyrium calanus</i>	2	1	-	-
Southern Hairstreak	<i>Satyrium favonius</i>	3	1	-	-
Juniper Hairstreak	<i>Callophrys gryneus</i>	1	1	-	-
Gray Hairstreak	<i>Strymon melinus</i>	22	11	30	11
Red-Banded Hairstreak	<i>Calycopis cecrops</i>	3	3	5	3
Eastern Tailed-Blue	<i>Everes comyntas</i>	157	25	107	14
Spring / Summer Azure	<i>Celastrina neglecta / C. ladon</i>	38	13	54	13

Common Name	Scientific Name	2002		2003	
		#	Sites	#	Sites
unidentified blue / hairstreak		153		62	
Total		381	40	258	26
Riodinidae					
Northern Metalmark	<i>Calephelis borealis</i>	-	-	-	-
Swamp Metalmark	<i>Calephelis mutica</i>	-	-	-	-
Nymphalidae					
American Snout	<i>Libytheana carinenta</i>	6	5	4	4
Gulf Fritillary *	<i>Agraulis vanillae</i>	-	-	1	1
Variegated Fritillary	<i>Euptoieta claudia</i>	-	-	-	-
Great Spangled Fritillary	<i>Speyeria cybele</i>	135	25	118	18
Gorgone Checkerspot	<i>Chylosyne gorgone</i>	-	-	-	-
Silvery Checkerspot	<i>Chlosyne nycteis</i>	10	6	18	3
Pearl Crescent	<i>Phyciodes tharos</i>	109	25	85	13
Baltimore Checkerspot	<i>Euphydryas phaeton</i>	-	-	-	-
unidentified checkerspot / crescent		1		18	
Question Mark	<i>Polygonia interrogationis</i>	6	3	-	-
Eastern / Gray Comma	<i>Polygonia sp.</i>	3		-	-
unidentified anglewing	<i>Polygonia sp.</i>	-	-	2	
American Lady	<i>Vanessa virginiensis</i>	5	5	14	3
Painted Lady	<i>Vanessa cardui</i>	23	11	199	16
Red Admiral	<i>Vanessa atalanta</i>	5	5	15	6
Lady / Admiral	<i>Vanessa sp.</i>	2		3	
Common Buckeye	<i>Junonia coenia</i>	26	11	11	5
Red-Spotted Purple	<i>Limenitis arthemis astyanax</i>	17	9	4	3
Viceroy	<i>Limenitis archippus</i>	3	2	-	-
Goatweed Leafwing	<i>Anaea andria</i>	4	3	2	2
Hackberry Emperor	<i>Asterocampa celtis</i>	3	3	1	1
Northern Pearly-Eye	<i>Enodia anthedon</i>	3	3	-	-
Little Wood-Satyr	<i>Megisto cymela</i>	10	5	12	5
Common Wood-Nymph	<i>Cercyonis pegala</i>	7	2	5	4
Monarch	<i>Danaus plexippus</i>	57	22	196	18
unidentified brushfoot		46		16	
Total		481	45	724	29
Hesperiidae					
unidentified skipper		784	33	542	21

* Occasionally seen, not normally expected in mid-Missouri.