

Pinnacles National Park Butterfly Count Results

Each year Pinnacles National Park holds a butterfly count on one day around the first week in June.

The number of individuals of each species observed on the count is given below (this includes areas inside and outside of the park).

The total number of individuals for each year includes unidentified butterflies, which are not represented elsewhere in the table.

An 'X' in the 'Week' column indicates that a species was detected during the week of the count

A **bold** number indicates that Pinnacles had the national high count for the species that year

A **bold and underlined** number indicates that Pinnacles had the all-time national record high for the species

59 species have been seen on at least one count, 61 during count week, and 13 have been seen on every count.

Pinnacles has had the highest number of individuals counted in a particular year for 11 species, and for 5 species has held the record for the highest number of individuals ever counted.

	Date	11jun00	3jun01	2jun02	1jun03	6jun04	5jun05	4jun06	3jun07	1jun09	7jun09	6jun10	13jun11	5jun12	2jun13	1jun14	31may15	1jun16	4jun17	Previous Avg	All Yr Avg	
	# Participants	2	7	14	11	18	16	13	22	20	10	16	11	13	10	17	15	8	14	13.8	13.8	
	# Parties	1	3	4	5	8	9	7	11	8	6	6	5	7	5	5	5	5	8	6.2	6.3	
	# Party Miles	6.0	9.25	23	29.1	30	35	35	50.5	31	29	24	16	25	23	21.5	21.5	29.9	30.9	28.1	28.2	
	# Party Hours	8.3	13	18.2	19.3	41	38.8	34	55.5	43.5	34	25	33	50	24	28	24.5	27.6	40.7	31.2	31.8	
Anise Swallowtail	<i>Papilio zelicaon</i>			X	4	X				X		X	12	X				12	X	3.0	3.4	
Western Tiger Swallowtail	<i>Papilio rutulus</i>	4	X				9	X	30	21	X	10	13	15	X	20	X	11	X	12.5	13.2	
Pale Swallowtail	<i>Papilio eurymedon</i>	X	6	X	4	X	9	X	31	X	12	X	56	X	17	X	16	X	21	X	15.4	15.8
Checkered White	<i>Pontia protodice</i>			21	X		10	X		5	X	30	X		1	X		3	X	4	30.6	29.5
Margined White	<i>Pieris marginalis</i>																			0.2	0.2	
Cabbage White	<i>Pieris rapae</i>	1	X	4	X	1	X		2	X		5	X	11	X			2	X	5.1	5.0	
Large Marble	<i>Euchloe ausonides</i>																			0.4	0.4	
Sara Orange-tip	<i>Anthracaris sara</i>				1	X	12	X			14	X								8.5	8.1	
Orange Sulphur	<i>Colias eurytheme</i>	X	X	1	X	26	X	3	X	64	X	2	X	10	X					18.5	17.9	
California Dogface	<i>Zerene eurycle</i>										1	X								0.4	0.4	
Tailed Copper	<i>Lycaena arida</i>	X	9	X	1	X		13	X		1	X								4.6	4.8	
Great Copper	<i>Lycaena xanthoides</i>	237	X	362	X	319	X	123	X	523	X	419	X	179	X	772	X	288	X	311.9	304.4	
Gorgon Copper	<i>Lycaena gorgon</i>	X	3	X		1	X	7	X	15	X	16	X	12	X	9	X	10	X	6.6	6.7	
Purplish Copper	<i>Lycaena helioides</i>	X																				
Great Purple Hairstreak	<i>Atlides halesus</i>					X				4	X									0.3	0.3	
California Hairstreak	<i>Satyrus californicus</i>	3	X	3	X	17	X	2	X	4	X	6	X	23	X	14	X	15	X	8.9	8.8	
Sylvan Hairstreak	<i>Satyrus sylvanus</i>	23	X	346	X	95	X	9	X	16	X	12	X	10	X	51	X	56	X	43.9	45.9	
Gold-Hunter's Hairstreak	<i>Satyrus aeneus</i>					1	X													0.2	0.2	
Mountain Mahogany HK	<i>Satyrus tetra</i>				3	X	3	X	7	X	2	X								9.1	11.2	
Hedgehog Hairstreak	<i>Satyrus saepium</i>	748	X	768	X	1911	X	614	X	258	X	123	X	96	X	1561	X	282	X	531.8	524.3	
Bramble Hairstreak	<i>Callophrys dumetorum</i>																			0.1	0.1	
Brown Elin	<i>Callophrys augustinus</i>	10	X	4	X	3	X	26	X	63	X	2	X	7	X	16	X	9	X	11.1	10.6	
Thicket Hairstreak	<i>Callophrys spinetorum</i>										1	X								0.1	0.1	
Gray Hairstreak	<i>Stymon melinus</i>	X	3	X	X	2	X	1	X	3	X	1	X	16	X	6	X	4	X	2.7	2.6	
Western Pygmy-Blue	<i>Brachidium exilis</i>																			0.1	0.1	
Eastern Tailed-Blue	<i>Eversmannia</i>																			0.1	0.1	
Western Tailed-Blue	<i>Eversmannia</i>																					
Spring Azure/Echo Azure	<i>Colias ides</i>	4	X	7	X	6	X	5	X	81	X	36	X	13	X	125	X	35	X	29.8	30.9	
Bernardine Dotted-Blue	<i>Euphydryas bernardina</i>	38	X	54	X	13	X	23	X	58	X	87	X	464	X	1449	X	342	X	248.5	269.6	
Silvery Blue	<i>Glaucopsyche lygdamus</i>																			0.2	0.2	
Acmon Blue	<i>Icaricia acmon</i>	76	X	34	X	2	X	1	X	12	X	114	X	49	X	29	X	50	X	37.8	37.4	
Lupine Blue	<i>Icaricia lupini</i>	X	16	X	3	X	2	X	2	X	3	X	1	X	15	X	1	X	1	7.2	6.9	
Coronis Fritillary	<i>Speyeria coronis</i>	X	X							11	X	7	X	3	X	5	X			2.1	2.3	
Calliope Fritillary	<i>Speyeria calliope</i>	27	X	223	X	279	X	278	X	108	X	171	X	119	X	92	X	83	X	157.8	158.6	
Leanna Checkerspot	<i>Thessalia leanna</i>			4	X	3	X			2	X	2	X	9	X					2.3	2.3	
Gabb's Checkerspot	<i>Chlosyne gabbii</i>	2	X	1	X			5	X	3	X	6	X	42	X	4	X			5.6	5.5	
Myllita Crescent	<i>Phycodes myllita</i>	9	X	3	X	2	X	1	X	13	X	1	X	4	X	13	X	19	X	7.2	7.2	
Variable Checkerspot	<i>Euphydryas chalcedona</i>	24	X	98	X	205	X	55	X	47	X	156	X	164	X	114	X	310	X	151.5	153.8	
Edith's Checkerspot	<i>Euphydryas editha</i>	3	X	23	X	361	X	474	X	271	X	272	X	1	X	6	X	2	X	109.1	104.8	
Satyrus Common	<i>Polignus satyrus</i>																			0.4	0.4	
California Tortoiseshell	<i>Nymphalis californica</i>					4	X	16	X											27.1	25.5	
Mourning Cloak	<i>Nymphalis antiopa</i>	X																		0.2	0.3	
American Lady	<i>Vanessa virginiensis</i>	6	X	6	X					15	X	1	X	4	X					3.8	3.9	
Painted Lady	<i>Vanessa cardui</i>									25	X									3.2	3.3	
West Coast Lady	<i>Vanessa annabella</i>									1	X									0.4	0.4	
Red Admiral	<i>Vanessa atalanta</i>																			2.2	2.2	
Common Buckeye	<i>Junonia coenia</i>	21	X	52	X	10	X	229	X	24	X	346	X	64	X	3	X	17	X	78.8	79.4	
Lorquin's Admiral	<i>Limenitis lorquini</i>	1	X	3	X	4	X	4	X	12	X	23	X	27	X	6	X	20	X	13.3	13.1	
California Sister	<i>Atalanta atlas</i>	4	X	15	X	16	X	18	X	26	X	26	X	46	X	28	X	28	X	20.4	20.1	
Common Wood	<i>Corymbophila helen</i>	1	X	5	X	17	X	39	X	21	X	53	X	390	X	69	X	37	X	56.6	56.7	
Great Basin Wood-nymph	<i>Corymbophila sthenele</i>	3	X					3	X	1	X									1.1	1.1	
Monarch	<i>Danaus plexippus</i>	5	X	6	X	4	X	2	X	5	X	9	X	6	X					4.8	4.9	
Proterius Duskywing	<i>Erynnis proterius</i>																			0.5	0.5	
Mourntail Duskywing	<i>Erynnis tristis</i>	1	X	2	X	2	X	8	X	9	X	1	X	16	X	12	X	7	X	5.1	5.1	
Common Checkered-sk.	<i>Pyrgus communis</i>																			2.4	2.4	
Northern White-skipper	<i>Heliopterus ericetorum</i>	X	4	X	5	X	3	X	11	X			28	X	10	X	6	X	7	8.0	7.8	
Columbian Skipper	<i>Hesperia columbiana</i>																			0.1	0.1	
Sagehen	<i>Atalapha campestris</i>																			0.1	0.1	
Rural Skipper	<i>Ochlodes agricola</i>	9	X	52	X	56	X	34	X	19	X	41	X	20	X	55	X	25	X	37.1	38.2	
Umber Skipper	<i>Poanes melane</i>																					
Eufala Skipper	<i>Lerema eufala</i>																			0.1	0.1	
Total # Individuals		1284	2208	3474	2220	1478	2629	2409	4764	2531	2146	3427	1623	1081	1739	1226	1519	1934	2429	2217.2	2228.9	
Total # Species		24	35	33	40	30	36	39	42	31	33	40	43	38	38	44	44	39	41	40	40	41
Avg # Individuals		1746	2322	2297	2133	2216	2243	2558	2555	2514	2597	2516	2406	2358	2283	2235	2217	2229		36.8	36.9	
Avg # species		28.5	38	29.0	37	31.5	38	31.4	37	32.8	33	39	35.3	39	35.6	39	36.4	40	36.8	39	36.9	39