

XERCES SOCIETY / NABA ANNUAL BUTTERFLY COUNT				Orange County, area 5; Upper Newport Bay (Peter J. Bryant, Group Leader)																
COMMON NAME	SPECIES	87*	88	89	90	91*	92	93	94	99	00	01	03	04	05	06	07	08	09	
Time of count			9-2	9-1	9-2	9-1	9-12	9-1	12-4	1-5	11-2	1-3	9-1	9-1	9-1	9-2	12:3	10-1	10-2	
Papilionidae																				
Tiger swallowtail	Papilio rutulus	1	2	8	7	2	5	4	3	5	4		13	11	1	4	3	1	1	
Anise swallowtail	Papilio zelicaon	1		2	2		2	4			2		1		1	2		2		
Giant swallowtail	Papilio cressphontes																	1	1	
Pieridae																				
Alfalfa butterfly	Colias eurytheme	1	5													2				
Common white	Pieris protodice		20	9	9	5	1		17			3	7		1					
Cabbage white	Pieris rapae	36	103	70	125	26	126	175	47	10	101	15	166	14	22	24		25	19	
Dainty sulfur	Nathalis iole														1					
Danaiidae																				
Monarch	Danaus plexippus			1	1						3		1						1	
Queen												1								
Heliconiidae																				
Gulf fritillary	Agraulis vanillae		1		1					1		3		1						
Nymphalidae																				
West coast lady	Cynthia anabella		2				1	2	2						1					
Painted lady	Vanessa cardui			2	1	1						1						1		
Virginia lady	Cynthia virginienis							3					2							
Lorquins admiral	Limenitis lorquini		1	2	10		18	27					4							
Mourning cloak	Nymphalis antiopa	19	22	15	18	2	6	5	7	2	17	7	22	7	7	16	8	3	13	
Buckeye	Precis coenia		1		1															
Red admiral	Vanessa atalanta	1	8	7		1	2	4		3			1							
Lycaenidae																				
Bernardino blue	Philotes battoides									6			1			7				
Mormon metalmark	Apodemia mormo							2		2	3									
Dusky metalmark	Calephelis nemesis															1				
Pygmy blue	Brephidium exilis	31	49	48	113	14	24	52	36	4	20		22	5	1	9				
Gyas blue	Hemiargus ceraunus				1		7													
Marine blue	Leptotes marina	26	89	50	19	1	24	48	20		9	1	26		7	1				
Acmon blue	Plebejus acmon	1	3	2	3				5				1						1	
Sylvan hairstreak	Satyrium sylvinus	10	22	12	14	14	13	14	37	11	78	10	18	6	1	13				
Common hairstreak	Strymon melinus	6	15	20	21	2	17	18	11		1	2	4	3	1	1				

Purplish copper													1						
Hesperiidae																			
Funereal duskywing	<i>Erynnis funeralis</i>	1	13		13	1	4	2		3	4	2	9	3	5	6		2	3
Fiery skipper	<i>Hylephila phyleus</i>	16	116	158	68	13	265	159	22	11	24		16	24		8	66	9	16
Wandering skipper	<i>P. panoquinoides</i>	4	7	9	1	16	3	17	1					2			2		1
Umber skipper	<i>Paratrytone melane</i>	5	22	9	9	2	4	2	1						1	1			
Sandhill skipper	<i>Polites sabuleti</i>	3	8	6	15		1		1										
Checkered skipper	<i>Pyrgus albescens</i>	2												2					
Total individuals		164	509	430	452	100	523	538	210	58	266	45	301	79	50	95	98	49	63
Total species		17	20	18	21	15	18	17	14	11	12	10	17	12	13	14	5	9	11
*Low 1987 and 1991 counts probably due to bad weather conditions																			