

ARTHUR R. MARSHALL LOXAHATCHEE NATIONAL WILDLIFE REFUGE

NABA 4TH OF JULY BUTTERFLY COUNTS

BUTTERFLY	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
Polydamas					1					1																			
Black Swallowtail	1		1	1		3		1		3	1	2	2	3	7		2				1	2			2		2		
Giant Swallowtail	1														1		1							2		1			
Eastern Tiger Swallowtail								2									1		1		1								
Palamedes Swallowtail		1	3	6	3	16	8	14	4	12	6	1	4	4	13	17	4	15	15	19	15	7	6	11	18		4		
Great Southern White			7									1	1	2	1		4	1	2	3	2		1			1			
Cloudless Sulphur	5		5	4	1	2	8	9	7	2		1	2		7	10	6	3	4	1	2	3	4	2	2	13	2		
Orange-Barred Sulphur		1	7	17		19	29	17	8	8	13	2	20	16	18	27	50	12	28	33	24	11	12	28	8	5	7	12	
Barred Yellow								1									2						1		2		1		
Little Yellow														2															
Sleepy Orange		1	1	1		2		2	3		2	3			11					2									
Dainty Sulphur		10	22				1	2	11	22	32	47	168	32	44	44	11	2	26	20	2		8	1	6		2	1	
Atala																								2		1	8	34	
Gray Hairstreak						1		1	1	2	1	2			1	19	1		1	5									
Mallow-scrub Hairstreak													6	3			2							2					
Fulvous Hairstreak													1																
Red-Banded Hairstreak				2		1			1		1		1			3										1			
Cassius Blue													1			3								1					
Ceraunus Blue																	1	1		4				1					
Gulf Fritillary	8	15	49	51	20	58	68	163	115	72	61	30	39	49	33	32	65	12	83	48	49	32	89	83	63	31	67	19	
Julia Heliconian		1	5	49			3	25	2		1		22	3	4		9	3	5	1	1	4	7		7	1	3	12	
Zebra Heliconian	16	16	31	154	31	39	56	140	30	41	29	23	26	30	9	36	63	32	42	37	31	48	110	33	19	27	23	46	
Phaon Crescent	8	9	5	5	1	4	4	5	12	7	40	23	17	131	21	101	8	22	41	33	9	11	4	11	7	5	8	1	
Pearl Crescent	55	27	14	81	21	27	46	27	9	14	37	4	20	64	49	143	48	25	47	50	8	8	92	10	124	15	30	10	
American Lady														1															
Red Admiral	1		3	1		7		1	1	2	15	5	3		2	4	1		1	3				2	1			1	
Common Buckeye			1	5		1	2		1		2	1	1	2		2	2	4	1						1			1	
White Peacock	11	45	234	50	48	197	85	138	412	79	169	82	168	170	149	166	103	46	123	81	82	51	36	86	124	93	95	57	
Viceroy	2	16	6	39	6	10	15	42	23	18	28	10	10	28	27	36	23	16	40	33	9	23	33	16	12	14	10	6	
Ruddy Daggerwing			24	4	1	11	3	1	4	4	1		3	34	14	117	50	27	40	26	13	10	1	16	20	12	18	8	
Monarch				1			1	1		1			4		9				1	1	2	4			1	1	2		
Queen	48	23	87	189	241	815	383	155	397	50	261	28	128	82	116	235	24	18	37	4	2	3		16	8	2	7	2	
Soldier	20	8	106	76	85	153	100	31	400	22	203	9	146	85	86	94	31	54	63	1	2	2	2	10	12	8	5	2	
Silver-Spotted Skipper					1																								
Dorantes Longtail				1	5	4			1	2			2	1	1								1	1					
Juvenal's Duskywing																													
Horace's Duskywing				1	3					1						1			1	4	1		1		1	1	1		
Com Checkered-Skipper																	2												
Tropical Checkd-Skipper	5	7	2	9	18	15	6	11	5	12	10	6	20	12	4	133	13	3	7	7		5	2	1	11		2	2	
Three-spotted Skipper															1		1	1				3		6			1		
Clouded Skipper				4	2	1	8	1		2				1	3		1							3	2				
Least Skipper			2	1		4	2		2				6				7	1		4									
Southern Skipperling	3	2	7		1		1		7	2	1				2	5	2	2	1		1								
Fiery Skipper	6	1	3	7	4	5	3	7	23	9	10	10	40	6	4	14	4	7	7	2	10	1	2	10	3	6	3	2	
Whirlabout						2	1												2	1									
Sachem				1	3					2			3	1			1		1	2		1	3			1			
Delaware Skipper				2	1	1	1	3	4	6	5		1	6	20	9	1	3	24	3	1	3	12	8		6	2		
Aaron's Skipper												3		3		8			8										
Palatka Skipper						1		3	10	2						7			1	3		1			1	1			
Monk Skipper		1		2		1		2					1									3		1					
Eufala Skipper			3		1								5	1				1						2					
Twin-Spot Skipper				1															1	1				1	1		2		
Brazilian Skipper									3																				
Ocola Skipper					6	1		25	1	2	3			1	1	6			2	2			1	2	4				
<b>Sub-Totals</b>	190	184	628	758	496	###	829	810	1516	401	939	296	872	772	657	###	543	311	659	432	268	236	428	368	460	246	305	216	
<i>Danaus</i> sp.					612	1	2	20		103	12	50	92		5	20	15	15	1			1			2	4	1		
<i>Phyciodes</i> sp.							1						2				2							5					
<i>Phoebis</i> sp.								2	0									1							1				
<i>Pyrgus</i> sp.											1																		
<i>Papilio</i> sp.																		1											
<i>Grass Skipper</i> sp.																												2	
<b>TOTALS</b>	190	184	628	758	496	###	830	813	1538	401	1042	309	924	864	657	###	565	328	674	433	268	236	429	373	461	248	309	219	