

Page 1 of 2	Third Annual Eastern Catskills NABA Fourth of July Butterfly Count June 27, 2009	Central	Winston Farm	EBNP	Phillips Rd Marsh	Glasco Powerline	Overlook Mtn	Northern	Mt. Airy Powerline	Dave Elliot Powerline	Dave Elliot Quarry	Dave Elliot Meadow	Great Vly	Saugerties Lighthouse	Yard	Dutchess	Poet's Walk	Southern	IBM Rec. Center	Onteora Lake	Jockey Hill	Orlando Fields	Ulster Landfill	Ulster Transfer Station Fields						
		Total	Adult Butterfly Species	1	1-1	1-2	1-3	1-4	1-5	2	2-1	2-2	2-3	2-4	2-5	2-6	2-7	3	3-1	4	4-1	4-2	4-3	4-4	4-5	4-6				
2	Black Swallowtail	1	1													1	1													
1	Eastern Tiger Swallowtail							1		1																				
1	Spicebush Swallowtail	1			1																									
1	"Dark" Swallowtail sp.																	1			1									
192	Cabbage White	31	20	11				27	4	13	3	3	4			46	46	88	34	3	4	29	12	6						
28	Clouded Sulphur	2	2					2				2				7	7	17	5		1	7	4							
6	Orange Sulphur	2	2															4				3	1							
6	Sulphur sp.																	6	6											
1	"White" female Sulphur sp.																	1							1					
16	Eastern Tailed-Blue	10	9	1				3		2		1				1	1	2	1			1								
9	Summer Azure	3	1	2				2						2				4	1		3									
259	Great Spangled Fritillary	74	9	23	2	40		91	32	52	3	4				68	68	26	5	2	6	7	4	2						
49	Meadow Fritillary							1		1						42	42	6			6									
12	Baltimore Checkerspot																	8	8	4	3				1					
17	Eastern Comma	11		11				3		2			1			1	1	2		2										
9	Anglewing sp.	7	1	6				1		1								1				1								
1	Mourning Cloak															1	1													
10	American Lady	9		5		4												1				1								
2	Painted Lady	1	1															1				1								
1	Red Admiral	1		1																										
12	Northern Pearly-eye	9		9				2					2			1	1													
1	Eyed Brown																	1		1										
53	Appalachian Brown	50		50				3					3																	
15	Little Wood-Satyr	5	2	2	1			4	1	2			1			5	5	1			1									
15	Common Wood-Nymph							11				11				4	4													
53	Monarch	8		5	1	2		3		1		2				14	14	28	26			1	1							
	Skippers																													
40	Silver-spotted Skipper	12	1	11				5		2	1	2				16	16	7	1				6							
7	Hoary Edge	1		1				6	3	2	1																			
1	Southern Cloudywing	1			1																									
17	Northern Cloudywing	6		2	2	2		1					1			10	10													
1	Wild Indigo Duskywing	1				1																								
1	Common Sootywing	1			1																									
81	Least Skipper	25	6	14	5			19			2	3	14			29	29	8	2		1	5		4-6						

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879	European Skipper	34	11	18	5			16		1	8	5	2				820	820	9			9							
4	Peck's Skipper	3	1	2															1				1						
10	Northern Broken-Dash	9		9				1			1																		
47	Little Glassywing	13		13				21			15	5	1				12	12	1							1			
1	Delaware Skipper																		1	1									
6	Hobomok Skipper	3		3				2			1		1				1	1											
3	Dun Skipper	2		2															1					1					
22	"Witch" sp.	22		22																									
4	Skipper sp.																		4				3	1					
1896	Total Species: 36	358	67	223	19	49		225	40	80	35	38	30				1087	1087	226	85	8	32	60	30	11				

Immature Butterfly Species	Egg(s)	Caterpillar(s)	Pupa(s)	On (plant/surface)	Location
American Lady		3		Pearly Everlasting	Northern - Dave Elliot Powerline
Monarch		1		Common Milkweed	Northern - Dave Elliot Powerline

Participants and Field Party Effort

Central Area 1 – Henry Halama, Jayne Dean, Charlie Woodruff (09:15 – 17:00 / 7.75 hrs. / 3 miles)

Northern Area 2 – Steve Chorvas, Rick Cech, Frank Murphy, Emily Peyton (09:30 – 18:00 / 8.5 hrs. / 3 miles)

Dutchess Area 3 – Barry Haydasz, Ray Mansell (09:00 - 17:00 / 8 hrs. / 2 miles)

Southern Area 4 (4-1) – Tom Crepet, Bea Conover, Maraleen Manos-Jones (08:45 – 12:15 / 3.5 hrs. / 1.5 miles)

Southern Area 4 (4-2 – 4-6) – Mark DeDea, Lin Fagan (09:30 – 16:30 / 5.5 hrs. [1.5 hr. rain break] / 3 miles)

Observers: 14 Field Parties: 5 Party-hours: 33.25 Party-miles: 12.5 Garden Watchers: 0 Garden Watcher Parties: 0 Watcher-hours: 0 Total hours: 33.25

Weather: AM Sunshine: <10% PM Sunshine: <10% Temperature: 63 – 77 ° F Wind: calm (Intermittent rain showers throughout, brief episodes of sunshine.)

Comments: Persistent record-setting precipitation during the month of June apparently substantially reduced overall butterfly diversity and numbers region-wide during the four week period leading up to the count. During the preceding month, Hairstreaks were virtually non-existent and swallowtails and grass skippers were noticeably absent or observed in very low numbers at traditionally reliable locations. No Pearl Crescents, Red-spotted Purples, Viceroy's, or Common Ringlets were recorded on the count day. Notable exceptions were Great-spangled Fritillary and Monarch, both well represented on the count, and 49 Meadow Fritillaries representing a remarkably high number of individuals for this count area. No unusual or highly uncommon species were recorded during the count this year.