	Fourth Annual *Eastern Catskills* NABA Fourth of July Butterfly Count June 26, 2010	**Central**	Winston Farm	EBNP	Phillips Rd	Glasco Utility		**Northern**	Mt. Airy Utility	Dave Elliott Utility	Dave Elliott Meadow	Great Vly / Field	Lauren Tice Fields	Saugerties Lighthouse	Malden Yard	Bristol Beach SP	**Dutchess**	Poet's Walk	**Southern**	IBM Rec. Fields								
Total	**Adult Butterfly Species**	**1**	1-1	1-2	1-3	1-4		**2**	2-1	2-2	2-3	2-4	2-5	2-6	2-7	2-8	**3**	3-1	**4**	4-1								
12	Black Swallowtail	1		1				1			1						1	1	9	9								
8	Eastern Tiger Swallowtail	2	1	1				4				2				2			2	2								
1	Spicebush Swallowtail	1	1																									
2	*"Dark" Swallowtail sp.*	2	2																									
98	Cabbage White	11	3	5	3			61				27	10	1	8	15	19	19	7	7								
121	Clouded Sulphur	27	11	10	3	3		74	19	4	5	8	33			5	14	14	6	6								
18	Orange Sulphur	3	1	2				14	1		1		12						1	1								
17	*"White" female Sulphur sp.*							17	5		4	2	6															
18	American Copper							18	16	2																		
5	Banded Hairstreak							3	3								2	2										
5	Hickory Hairstreak							2	2										3	3								
2	Striped Hairstreak	2		2																								
1	Gray Hairstreak							1	1																			
69	Eastern Tailed-Blue	11		5	1	5		28	12	4	6		6				26	26	4	4								
2	Summer Azure	1		1				1				1																
183	Great Spangled Fritillary	77	10	5	20	42		59	28	13	8	7	2			1	22	22	25	25								
33	Meadow Fritillary							5				5					28	28										
225	Pearl Crescent	22	5	3	12	2		66	1	4	44		14	1		2	41	41	96	96								
3	Baltimore Checkerspot																1	1	2	2								
1	Eastern Comma	1	1																									
3	*Anglewing sp.*	3	1	1	1																							
1	Compton Tortoiseshell							1						1														
6	American Lady							5	3	1		1					1	1										
1	Painted Lady							1				1																
6	Red Admiral							6		1	2	1		2														
3	Viceroy	1	1					2		2																		
12	Northern Pearly-eye	8	8					3				3					1	1										
38	Appalachian Brown	31	31					7				7																
94	Little Wood-Satyr	10	7		3			71	1		55	6			6	3	11	11	2	2								
136	Common Wood-Nymph	8		5	1	2		62			48	14					48	48	18	18								
14	Monarch	1			1												1	1	12	12								
138	Silver-spotted Skipper	8	3	4	1			38	22		8	2	4	1	1		14	14	78	78								
1	Hoary Edge							1		1																		
1	Southern Cloudywing	1			1																							
8	Northern Cloudywing	3			3			5	3			2																

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Total	**Adult Butterfly Species**	**1**	1-1	1-2	1-3	1-4		**2**	2-1	2-2	2-3	2-4	2-5	2-6	2-7	2-8	**3**	3-1	**4**	4-1								
3	Wild Indigo Duskywing							3	3																			
66	Least Skipper	15	6	2	5	2		42	1	3	24	5	5	2		2	7	7	2	2								
114	European Skipper	10	6	2	2			11		1	4	2	4				92	92	1	1								
4	Tawny-edged Skipper	2	1	1				1	1								1	1										
1	Long Dash	1	1																									
22	Northern Broken-Dash	7	2		5												15	15										
79	Little Glassywing	13	9		4			37	3	4	10	12	7		1		29	29										
2	Delaware Skipper	2	1		1																							
2	Hobomok Skipper							2			2																	
1	Zabulon Skipper																1	1										
168	Black Dash																		168	168								
28	Dun Skipper	14	7	1	4	2		10	2	2		3	2		1		4	4										
31	*"Witch" sp.*	21	9	3	6	3		10	2		3	5																
1	*Skipper sp.*							1								1												
1808	**Total Species: 43**	**320**	**128**	**54**	**77**	**61**		**673**	**129**	**42**	**225**	**116**	**105**	**8**	**17**	**31**	**379**	**379**	**436**	**436**								

Immature Butterfly Species	Egg(s)	Caterpillar(s)	Pupa(s)	On (plant/surface)	Location
Red Admiral		2		Stinging Nettle	Northern – Malden Yard
Viceroy		4		Aspen	Northern – Mt. Airy Powerline
Silver-spotted Skipper		7		Locust	Northern – Mt. Airy Powerline
Hoary Edge		7		Showy Tick-trefoil	Northern – Dave Elliott Powerline
Wild Indigo Duskywing		5		Wild Indigo	Northern – Dave Elliott Powerline
Common Sootywing		4		Lamb's Quarters	Northern – Malden Yard
Least Skipper	3			Grass sp.	Northern – Dave Elliott Meadow

Participants and Field Party Effort

Central Area 1 – Henry Halama, Bea Conover, Jayne Dean, Charlie Woodruff (09:30 – 17:00 / 7.5 hrs. / 3 miles)
Northern Area 2 – Steve Chorvas, Carroll Arkema, Alan Beebe, Mairead Stack (09:15 – 18:00 / 8.75 hrs. / 3 miles)
Northern Area 2 (2-5, 2-6, 2-8) – Frank Murphy, Deb Ferguson (09:15 – 14:75 / 5.5 hrs. / 1 mile)
Dutchess Area 3 – Barry Haydasz, Binnie Chase, Maha Katnani, Frank Margiotta, David Markman, Ray & Barbara Mansell (09:00 - 17:30 / 8.5 hrs. / 3 miles)
Southern Area 4 – Tom Crepet (09:00 – 16:30 / 7.5 hrs. / 1.5 miles)

Observers: 18 **Field Parties: 5** **Party-hours:** 37.75 **Party-miles:** 11.5 **Garden Watchers:** 0 **Garden Watcher Parties:** 0 **Watcher-hours:** 0 **Total hours:** 37.75
Weather: AM Sunshine: <10% **PM Sunshine:** <10% **Temperature:** 73 – 84 ° F **Wind:** calm (Hazy sunshine through mid-afternoon, rain showers for duration)

Comments: Butterfly activity diminished substantially mid to late afternoon during episodes of heavy overcast and rain showers. Common Milkweed abundant and at peak bloom in most locations. Remarkable hatch of Black Dash from one site, and high numbers of Pearl Crescents, Clouded Sulphurs, Common Wood-Nymph, and Silver-spotted Skippers. Meadow Fritillary was well-represented, Monarchs were scarce in all but one location, and Baltimore Checkerspots were absent or observed in very low numbers at traditionally productive sites.
Totals: 44 species and 1,840 individuals (adults and immatures).