

Butterflies -- Bath Field Station

Margaret Siebert & Alice Phillips 1999-2000

BATH FIELD STATION 2000	2000 Apr 28	2000 May 3	2000 May 22	2000 June 9	2000 June 23	2000 July 7	2000 July 12 (A, H)	2000 Sept 1	2000 Sept 18	2000 Total
Time	2-4 pm	12:30-4 pm	1-3 pm	10-12 am	9-2 pm	9-12 am	1:30 pm	12:30-3 pm	11:30-3pm	
Temp (degrees F)	65	74	65	80+	76+	72+	--	83	75-80	
Wind (mph)		calm	0-5	W 0-15	W 0-5	W 0-10	--	0-5 N	0-5 SE	
Cloud Cover %	10	<5	100-60	15-70 lt	15 lt	5-25 lt	--	40	30-70 lt	
E. Tiger Swallowtail		2* P		1				1*		4
E. Tiger Sw. (dark female)										0
Black Swallowtail										0
Spicebush Swallowtail										0
dark swallowtail (no ID)					1			1		2
Cabbage White	sev. /C	3*		6* C2	8*	4*	3	10	10*	45+
<i>Pieris</i> spp (no ID)	1	6	2	1						10
Orange Sulphur	sev. /C	2	5+	10* C4	1	4 C	5*	2	11*	40+
Clouded Sulphur		2				1 male				3
<i>Colias</i> spp (no ID)		4	sev.		1	sev.		1		10+
Harvester					1 C					1
Spring/Summer Azure	sev. /C	10 C	1	2	1					15+
E. Tailed Blue		1			3			4	7*	15
Pearl Crescent			sev. C3	1 C		4 C2	6	7	56*	70+
Silvery Checkerspot					2*					2
Baltimore				1 C						1
Little Wood Satyr			>10 C5	>10 C2	5	3 C1				30+
Common Wood Nymph, dark & yellow forms					4	>20 C6	24	1*		50+
Meadow Fritillary	1	2 P	1 (old)		>15*	2		3*		25+
Great-Spangled Fritillary				>10*C2	>30* C	>20 C1	2	16*	2*	80+
Mourning Cloak				1	3					4
Red Admiral		2		1	4	1				8
American Lady				1 C						1
<i>Vanessa</i> spp (no ID)		1								1
Viceroy								1	1	2
Buckeye								1* C		1
Compton Tortoiseshell					1					1
Monarch										0
Anglewings (no ID)					2				1	3
Horace's Duskywing	1 C									1
Duskywing spp (no ID)		12*								12
Broken-Dash Skipper					5?	1* C				6
Little Glassywing						3* C				3
Peck's Skipper					2			2*		4
<i>Poanes</i> spp (skippers)				2*						2
Dun Skipper						2 C				2
European Skipper				>10 C5	>40*			2*		50+
Least Skipper				>4 C2				1*		5+
Fiery Skipper									1	1
small gold skippers			+	+	+	3* C				5+
small dark skippers				+	+					2+
Gypsy Moth larvae				+	+					--
No. of individuals	10+	50+	25+	60+	130+	70+	40+	50+	95+	517+
No. of species	5	10	7	15	17	13	5+	14	8	29

Total Butterfly Species Identified in 1999 & 2000: 30

Nectaring observations:

8/29/1999: Pearl Crescent N on mint, tear-thumb; Meadow Fritillary N on clover, boneset, mint; GS Fritillary N on Joe-Pye, Ironweed; Tiger Sw N on ironweed; Cabbage White N on mint, Joe-Pye, ironweed; E. Tailed Blue N on birdsfoot trefoil.

5/3/2000: Duskywings N on dandelion; Cabbage White N on dandelion; Tiger Sw. N on dandelion.

6/9/2000: GS Fritillary 3 N on red clover; Cabbage White N on Dame's Rocket, yellow hawkweed; skipper *Poanes* sp N on Dame's Rocket; Orange Sulphur 2M & 2F N on yellow & orange hawkweed; European skipper N on tall buttercup 2x.

6/23/2000: GS Fritillary N on Can. thistle, gray dogwood, yarrow; European Skipper N on birdsfoot trefoil, red clover, hawkweed, tall buttercup, Deptford Pink, white clover, yarrow, alfalfa, Can. thistle; Silvery Checkerspot N on Can. thistle, yarrow; skipper (Broken Dash?) N on thistle, red clover; skipper (Pecks?) N on pale lobelia; Meadow Fritillary N on red clover, ox-eye daisy; Cabbage White N on Can. thistle.

7/9/2000: Great Spangled Fritillary N on Canadian Thistle; Little Glassywing N on Heal-all, Can. Thistle; Broken-Dash Skipper N on Can. Thistle; gold patterned skipper N on Can. Thistle; Cabbage White N on alfalfa.

7/12/2000: Orange Sulphur N on birdsfoot trefoil.

9/1/2000: Buckeye N on goldenrod; Peck;s Skipper N on ironweed; Great-Spngled Fritillary N on ironweed, Joe Pye Weed; Common Wood Nymph N on ironweed; Meadow Fritillary N on goldenrod, ironweed; European Skipper N on ironweed; Least Skipper N on goldenrod; Tiger Swallowtail N on field thistle; Viceroy flying near willows & creek.

9/18/2000: Pearl Crescent N on small white aster (many), tiny asters; Great-Spangled Fritillary N on teasel, field thistle, goldenrod, red clover, New England Aster; Eastern Tailed Blue N on small white aster; Orange Sulphur N on New England Aster, small white aster, red clover ; Cabbage White N on New England Aster, small white aster; Viceroy sunning on goldenrod near willows by creek; Anglewing flyng & perching on beech trunk in sun.

BATH FIELD STATION 1998-1999	1998 Sep 22	1999 May 28	1999 Aug 29	1999 Sep 9	1999 total
Time			11 am		
Temp (degrees F)		75-80	70	75	
Wind (mph)		5-10 W	5-10 E	5	
Cloud Cover %		<5%	10	40-60	
E. Tiger Swallowtail		x	2*		3
E. Tiger Sw. (dark fm)					0
dark swallowtail (no ID)		x			1
Cabbage White			15	sev.	15+
Orange Sulphur	2		1	sev.	5+
Clouded Sulphur			1	1	2
<i>Colias</i> spp (no ID)		x			1
Spring/Summer Azure			1		1
E. Tailed Blue			3*	sev.	5+
Viceroy			1		1
Pearl Crescent	sev.	x	11*	sev.	15+
Little Wood Satyr		many!			20+
Common Wood Nymph			3	1 C	4
Great-Spangled Fritillary	2		11*	sev.	15+
Meadow Fritillary	1		5*	2	8
Monarch			2		2
Duskywing spp (no ID)					--
Peck's Skipper			3		3
Least Skipper			1		1
small gold skippers		x			--
small dark skippers					--
					102
Gypsy Moth larvae					
No. individuals	10+	25+	60+	15+	200+
No. of species	4	6	14	8	15

Total Butterfly Species Identified 1998-1999: 15

Nectaring observations (1999):

8/29/1999: Pearl Crescent N on mint, tear-thumb; Meadow Fritillary N on clover, boneset, mint; GS Fritillary N on Joe-Pye, Ironweed; Tiger Sw N on ironweed; Cabbage White N on mint, Joe-Pye, ironweed; E. Tailed Blue N on birdsfoot trefoil.