

Fall Migratory Bird Count 2004

The fall bird Count was held this year on the second Saturday in September, a week earlier than in the previous nine years. The earlier date was enough of a shift to alter the numbers of some species. In retrospect, the following week would have been a better choice as count day turned out cold and windy with an on-and-off drizzling rain--conditions that are not conducive to finding birds in the field. The 49 participants persevered nevertheless and by day's end had identified 34,665 birds belonging to 146 species. Compared to past years, the number of birds is low but the number of species is high.

Late September is the time for migrating geese and cranes to pass overhead, and it was not uncommon for goose numbers to exceed 10,000 on count day. Many fewer geese were seen this year likely because the count occurred before the peak in their migration. Likewise fewer Sandhill Cranes were seen which contributed to the relatively low number of birds counted. Duck numbers were below average again with the exception of teal, Northern Shovelers, and mergansers. Waterfowl numbers have been down for several years, likely due to the recent drought, and seem not to have recovered despite more rain this year.

Record numbers of Swainson's Hawks, Bald Eagles (8), and American Kestrels (38) were sighted, and raptors were in general plentiful, surprising considering the conditions. In the battle of the buteos, Swainson's soundly defeated Red-tailed 64-44 for the first time on a September count.

The earlier date meant that a few species not usually seen on past fall counts were present this year. Notable were larger numbers and types of vireos, swallows, and flycatchers with Olive-sided Flycatcher, Say's Phoebe, and Bank Swallow new to the count. However, late migrant numbers were significantly lower. Yellow-rumped and Palm Warblers are some of the last warblers to pass through Saskatoon and their numbers were down by 90%. Northern nesting sparrows such as White-crowned and White-throated Sparrows were very scarce; for the first time no Harris's Sparrow was found. Yet local nesting sparrows were also hard to find meaning either they had already moved south or, more likely, were just hiding in the bushes out of the wind. In total, 17 species of warbler were seen which is higher than usual. There was nothing unusual about the smattering of late shorebirds seen.

The species vulnerable to West Nile virus such as American Crow, Blue Jay, and Black-capped Chickadee were seen in below average numbers again this year. However, the decrease is less than in areas where the virus has been particularly virulent, and is in fact within the year-to-year fluctuations for these species.

Two very rare birds were seen, a Yellow-billed Loon and a Little Gull; the loon was on the river near the QEII power plant, and the gull was at Blackstrap. Yellow-billed loons spend the summer in the high arctic and migrate to the west coast for the winter, but the usual migration route is around Alaska always staying near the coastline. Only rarely are they seen inland. Little Gulls are an old-world species although some do nest at Churchill. Only twice before were Little Gulls sighted in the Saskatoon area, once on a fall bird count. Other rare birds seen on the count were a Cinnamon Teal and several Ospreys.

Robert Johanson
Statsman

2004

Fall Bird Count

11 September 2004

NW	NE	Mil	Brad	Blkst	Indi	City	Aves	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995
A	B	D	E	F	G			9/11	9/20	9/21	9/15	9/16	9/18	9/19	9/20	9/21	9/16
60	66	47	61	100	48	113	Total Species	146	140	123	136	141	137	141	146	150	143
10.0	9.2	6.0	8.6	13.0	9.0	64.4	Party Hours	120	162	127	138	151	138	139	134	123	106
3	3	1	3	5	2	32	Participants	49	48	44	44	53	46	51	40	43	27
							• <i>Goose sp.</i> •			380		229					
	28		20	45	24		Greater White-fronted Goose	117	2635	747	716	2289	457	126	6815	435	1642
40	150		930	181		56	Snow Goose	1357	26009	10988	4368	3752	3261	647	13400	338	1710
	5			172			Ross's Goose	177	1726	2045	826	2715	252	282	5		208
143	250	20	391	19	1094	1938	Canada Goose	3855	5590	4330	2377	6370	4789	1309	3858	2889	3743
	2						Tundra Swan	2	22	95	5	1	1		33	5	27
21			500		2440	43	• <i>Duck sp.</i> •	3004	750	460	2092	3211	4953	2895	2497	1070	500
							Wood Duck							2	1	3	
			285	11		3	Gadwall	299	53	194	64	423	847	572	739	219	201
	5	2	32	15	100	14	American Wigeon	168	60	219	91	141	316	318	177	396	222
							American Black Duck					1		1			
19	425	17	60	24	295	567	Mallard	1407	1079	1409	667	1167	1726	3525	1830	1523	1429
13	950	13	247	23	181	8	Blue-winged Teal	1435	71	91	103	160	312	227	149	145	137
						1	Cinnamon Teal	1			1						
	71		21	26	200	6	Northern Shoveler	324	76	70	260	142	189	179	212	198	112
			11	26		2	Northern Pintail	39	25	48	51	114	114	83	36	42	41
5	7		1	16	25	1	Green-winged Teal	55	27	26	4	96	110	212	45	54	77
	4		2				Canvasback	6	50	20	9	36	101	1420	74	145	108
	10		6	6		1	Redhead	23	50	18	2	45	562	296	113	140	171
		1	26				Ring-necked Duck	27	1	2		16	73	10	15	34	29
	35		8	1	4	8	Lesser Scaup	56	46	94	50	115	182	525	541	133	238
							White-winged Scoter							1	2		
			5		3		Bufflehead	8	106	135	46	70	117	182	274	95	69
							Common Goldeneye		1	5	2	3		13		2	2
				18		8	Hooded Merganser	26	21	20			12	8			
41							Common Merganser	41	8	6	5		1	1	28		1
							Red-breasted Merganser				1				1		
	11		6	2		15	Ruddy Duck	34	145	23	21	151	417	188	128	213	157
	10		9	16		4	Gray Partridge	39	79	23	39	28	8		1	20	5
							Ruffed Grouse		1		1	2	3	2	4	1	4
	4		5		1		Sharp-tailed Grouse	10	5	2	2		18	1	35		1
							Common Loon			1	2	2	1	1	1	1	1
						1	Yellow-billed Loon	1									
	11	2	15	1		7	Pied-billed Grebe	36	46	5	7	31	49	64	16	31	17
			1	3		6	Horned Grebe	10	5	2	6	14	34	9	15	32	17
				5	1	2	Red-necked Grebe	8	11	1	1	4	2	3	19	9	8
			7	3		5	Eared Grebe	15	10	13	23	35	30	5	22	36	53
	1			11	3		Western Grebe	15	36	17	19	10	18	38	177	64	2
				19	37	51	American White Pelican	107	17	39	140	33	38	86	24	16	20
		1	1	67	150	151	Double-crested Cormorant	370	284	481	135	340	270	278	142	137	163
							American Bittern					1			1		
2		1				2	Great Blue Heron	5	8	13	6	12	6	4	4	6	11
							Black-crowned Night-Heron										1
							Turkey Vulture			2							
				1		3	Osprey	4	2	2	2	2	2	3	2		
1	3				1	3	Bald Eagle	8	2	7	1		1	3	2	1	1
2	8		2	4	3	3	Northern Harrier	22	42	41	20	28	68	14	58	42	26
				1		1	Sharp-shinned Hawk	2	13	4	3	8	14	6	10	13	5
1				1		3	Cooper's Hawk	5	7	4		3	3	3	9	4	3
							Northern Goshawk					1	1		1	2	
							• <i>Buteo sp.</i> •					3			3	7	3
							Broad-winged Hawk		1								
16	3		2	12	8	23	Swainson's Hawk	64	24	20	37	52	34	18	34	37	15
5	7	1	6	15	6	4	Red-tailed Hawk	44	87	43	58	55	59	33	72	122	42
							Rough-legged Hawk		1				3			3	1

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NW	NE	Mil	Brad	Blkst	Indi	City	Aves	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995
A	B	D	E	F	G			9/11	9/20	9/21	9/15	9/16	9/18	9/19	9/20	9/21	9/16
							Golden Eagle				2		1				
3	21			7	4	3	American Kestrel	38	20	22	14	26	22	16	30	13	14
2	2			1	3	11	Merlin	19	29	13	13	14	29	15	17	13	11
							• <i>Large Falcon sp.</i> •							1			
							Peregrine Falcon			1	3	1	2		2	3	1
	5	3				4	Sora	12		1	4	6	2	1	1	2	1
19	58		179	255	653	145	American Coot	1309	2286	217	1457	1320	7624	1102	3567	7281	3200
58	280	6		290	80	300	Sandhill Crane	1014	7823	2943	1502	1290	2037	2695	2358	1078	2488
							Whooping Crane										1
							• <i>Large Shorebird sp.</i> •					16					
				3		1	Black-bellied Plover	4		1		5	18	4	4	21	14
							American Golden Plover								15		
							Semipalmated Plover				2			1		7	
							Piping Plover									1	
12	4		16	4	1	8	Killdeer	45	78	8	74	45	11	117	15	20	43
	8						American Avocet	8	1	1		32	15		1	109	11
4	10		10	17		30	Greater Yellowlegs	71	59	40	48	52	64	68	67	54	170
	1	1	8	8	7	4	Lesser Yellowlegs	29	35	22	33	119	58	30	58	4	103
	32	1					Solitary Sandpiper	33	1		3		2				1
						1	Willet	1	3						2		6
2	1			7		11	Spotted Sandpiper	21	2	2	9	9	1	1	10	9	6
							Hudsonian Godwit							1			
							Ruddy Turnstone										1
							Red Knot									1	
							• <i>Peep sp.</i> •		16		23	10		3	2	62	44
							Sanderling				3	7	10	1	2	10	106
	15						Semipalmated Sandpiper	15	1		3	156	6		1	1	
2				6			Least Sandpiper	8				9	16	1	2		
				30			Baird's Sandpiper	30	4		31	37	8				37
				2			Pectoral Sandpiper	2	3	1	8	45	19	5	11	18	56
				35			Stilt Sandpiper	35	2		1	15		28	1	100	
					50		• <i>Dowitcher sp.</i> •	50	48	10	50	42	41	121		3027	242
							Short-billed Dowitcher							1			
							Long-billed Dowitcher		2				25	20		26	41
	3	1				1	Wilson's Snipe	5	6	10	11	8	70	34	5	10	43
							Wilson's Phalarope				1	3					
			2				Red-necked Phalarope	2	15	3	4						
			2	373	697	3	Franklin's Gull	1075	1057	10078	1708	6136	1321	238	150	605	126
				1			Little Gull	1								1	
	11			8			Bonaparte's Gull	19	13	70	16	161	37	10	28	60	32
2			35	302	621	2157	• <i>White-headed Gull sp.</i> •	3117	1908	2234	1202	1008	4586	796	3870	510	222
73	9	28	640	977	1	275	Ring-billed Gull	2003	4016	2876	9343	7986	3933	1710	921	2349	1334
2			1			37	California Gull	40	5	4	12	59	80	4	1	17	55
	2			1	3	22	Herring Gull	28	26	1	2	1	3			4	94
							Sabine's Gull								1	1	
				1	9		Common Tern	10			1	2		2		1	
							Forster's Tern			2		3		7		1	
			3	2			Black Tern	5	4						2		
45	29		8	16	51	643	Rock Pigeon	792	859	765	512	722	646	432	457	1599	190
16	11	10	1	10	10	14	Mourning Dove	72	53	18	48	40	53	23	32	11	56
3	1		2	1	1	1	Great Horned Owl	9	4	1	8	8	7	2	3	6	5
							Short-eared Owl					1			3		
							Common Nighthawk								1		
							Ruby-throated Hummingbird									1	
		1		1		12	Belted Kingfisher	14	13	6	3	13	6	20	14	31	10
		2					Yellow-bellied Sapsucker	2	18	1	2	16	6	4	2	31	11
							• <i>Picoides sp.</i> •										2
3				2		2	Downy Woodpecker	7	8	6	6	16	9		3	3	5

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A	B	D	E	F	G			9/11	9/20	9/21	9/15	9/16	9/18	9/19	9/20	9/21	9/16
1	1	4		2		2	Hairy Woodpecker	10	21	3	4	3	18	7	13	20	14
24	1	5	18	21	46	73	Northern Flicker	188	113	27	39	100	56	102	77	261	78
						1	Olive-sided Flycatcher	1									
				1		3	• Empidonax sp. •	4	6			19			4	12	4
4		1				5	Least Flycatcher	10	1		5	10				6	1
	1					1	Eastern Phoebe	2	3		2		1	1	1	2	1
			1				Say's Phoebe	1									
1		1		1	1	1	Eastern Kingbird	5	1		1	4			1		
							• Shrike sp. •										2
							Loggerhead Shrike		1			2					
5							Blue-headed Vireo	5				1					3
							Warbling Vireo				1						4
						1	Philadelphia Vireo	1									
5						6	Red-eyed Vireo	11			1	1			3		3
16					1	26	Blue Jay	43	37	36	39	69	60	70	58	45	76
46	56	20	1	30	11	159	Black-billed Magpie	323	485	424	387	424	492	506	484	468	332
42	3			458	21	832	American Crow	1356	2020	2233	2002	1359	2342	2887	5919	2736	1413
4	4	1		7		5	Common Raven	21	20	30	5	27	9	8	15	14	7
	14		8	50	1	4	Horned Lark	77	43	31	34	4	9	121	64	50	38
							• Swallow sp. •										20
						2	Tree Swallow	2	2				1	2	4		
				1		1	Bank Swallow	2									
							Cliff Swallow							1			
17	34	2	42	52	48	21	Barn Swallow	216	50	45	52	35	102	120	51	3	267
16		9		10		109	Black-capped Chickadee	144	252	219	257	285	261	159	163	132	155
				1		27	Red-breasted Nuthatch	28	73	13	111	86	65	24	121	58	74
						2	White-breasted Nuthatch	2		3	1	1	1	1		1	4
							Brown Creeper		3					5	2		
2	2	4		4		2	House Wren	14	7	2	2	6	4	6	8	13	9
		1				2	Marsh Wren	3	3		5	23	3		4	12	9
1							Ruby-crowned Kinglet	1	11	1	5	4	9	14	4	3	14
							Eastern Bluebird			1							
72	42	60		93	10		Mountain Bluebird	277	215	335	45	56	191	383	113	383	117
							Townsend's Solitaire		1					1			
							• Thrush sp. •			1		1					1
							Veery							1			
							Gray-cheeked Thrush							1			1
1						10	Swainson's Thrush	11	2	1		3	8	11	5	37	5
							Hermit Thrush			2		3	3	5	1	3	1
23	2	20	2	44		162	American Robin	253	425	266	311	332	549	799	360	876	278
							Varied Thrush									1	
		2				5	Gray Catbird	7	10	2	5	5	3	2	4	7	9
	1			1	3		Brown Thrasher	5	2		2	6	4	1		4	5
				2		100	European Starling	102	171	114	92	149	326	173	1004	337	189
				24			American Pipit	24	80	37	143	25	19	58	3	45	120
							Sprague's Pipit			1			7				
70	13	30	12	60		99	Cedar Waxwing	284	189	57	139	250	264	41	193	455	322
						30	• Warbler sp. •	30	250	50		10	20	5		3000	
2		2		4		69	Tennessee Warbler	77	29	6	6	8	12	23	4	108	19
7				1		29	Orange-crowned Warbler	37	77	17	31	43	37	64	43	214	86
							• Nashville-like Warbler sp. •										46
						1	Nashville Warbler	1			1				4	6	3
		2	2	1		21	Yellow Warbler	26	10	1	3	29	3	2	8	25	1
							Chestnut-sided Warbler									3	
						3	Magnolia Warbler	3	4				1	5		15	4
			1				Cape May Warbler	1	1			2				3	
16	1	10	2	44		24	Yellow-rumped Warbler	97	1142	340	287	1422	585	1039	1032	2168	511
							Black-throated Green Warbler			1							2

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A	B	D	E	F	G			9/11	9/20	9/21	9/15	9/16	9/18	9/19	9/20	9/21	9/16	
							Blackburnian Warbler										1	
							Pine Warbler				1							
		2			1	6	Palm Warbler	9	48	15	23	83	33	46	64	406	54	
					1	1	Bay-breasted Warbler	2	1							5		
6			1		4	15	Blackpoll Warbler	26	2	2	6	3	1	3	1	20	4	
					2	2	Black-and-white Warbler	4				5	1		1	5	1	
2					7	34	American Redstart	43	3				4	8	1	44	2	
1						3	Ovenbird	4	1		1			1		9	1	
						4	Northern Waterthrush	4	2		2	2		1	1	9	2	
							Connecticut Warbler					6						
						1	Mourning Warbler	1	2				1	1		1	2	
		4				6	Common Yellowthroat	10	13	2	6	11	8	13	8	32	17	
		1			1	3	Wilson's Warbler	5	4		2	3		1		6	1	
							Canada Warbler									1		
	400			25		6	11 • Sparrow sp. •	442	160	87	278	103	62	33	14	255		
		2			1		Spotted Towhee	3	8	2	3	11	6	10	17	12	12	
							American Tree Sparrow			27	10	5	36	22	7	4	1	
					1	17	Chipping Sparrow	18	43	19	40	112	13	15	34	84	51	
	8	10			4	4	Clay-colored Sparrow	26	24	11	62	6	13	11	7	98	39	
24	3	8	9	15	85	7	Vesper Sparrow	151	129	101	79	100	77	94	144	88	138	
							Lark Sparrow								1			
							Lark Bunting				1							
1	2		10	5	18	4	Savannah Sparrow	40	100	30	82	127	66	60	101	80	109	
							Baird's Sparrow					8						
						1	Le Conte's Sparrow	1								3	7	
							Nelson's Sharp-tailed Sparrow						2	2				
							Fox Sparrow		1	1			2	4	1	6	1	
1		1	1			5	Song Sparrow	8	35	4	37	35	12	15	1	68	33	
		1			1		Lincoln's Sparrow	2	22	5	9	24	7	26	8	49	19	
							Swamp Sparrow		4		2	2	2	16	4	3	18	
5					4	6	White-throated Sparrow	15	234	157	191	218	246	549	303	165	185	
							Harris's Sparrow		32	5	2	7	5	40	19	8	18	
		1	1	1		4	White-crowned Sparrow	7	154	97	55	97	27	310	196	101	99	
					1	4	Dark-eyed Junco	5	178	194	29	117	91	777	239	75	149	
	30	1			50		Lapland Longspur	81	1048	594	558	1667	1099	980	720	558	409	
							Snow Bunting								2			
							Rose-breasted Grosbeak		1					1		2		
							• Blackbird sp. •						43		1013	13		
1	150		150	18	400	2	Red-winged Blackbird	721	112	9	9	4	532	100	59	24	87	
4	6		6	18	25	4	Western Meadowlark	63	167	39	123	80	101	83	123	100	69	
	19		200	3	100	5	Yellow-headed Blackbird	327	39	30	4	6	530	23	156	45	10	
							Rusty Blackbird		19	15		13	12	36	4	1	2	
5			2532	1300		388	Brewer's Blackbird	4225	3345	6107	4859	1972	3090	6204	812	1263	1182	
	1		20			20	Common Grackle	41	187	156	6	251	9	554	103	88	91	
		1				1	Brown-headed Cowbird	2				41			1	30		
							Purple Finch		5	1	2	1			2	1	11	
			2	5		37	House Finch	44	51	34	43	18	21	5	15			
						2	Red Crossbill	2					1					
41	35		1	10		18	Pine Siskin	105	23		16	276	177	172	138	46	157	
11	54	7	13	3		46	American Goldfinch	134	97	65	194	227	58	180	216	102	187	
							Evening Grosbeak								2			
23	6		123	122	56	888	House Sparrow	1218	3389	853	683	1005	470	753	764	852	481	
1055	3392	324	6689	5544	7649	10012	TOTAL BIRDS	34665	73093	54463	39861	52803	52545	38904	58357	42098	27858	

species order follows the AOU checklist, 45th supplement

NW	NE	Mil	Brad	Blkst	Indi	City		2004	2003	2002	2001	2000	1999	1998	1997	1996	1995
7:36	7:10	6:20	8:00	7:13	8:51		start										
17:55	16:20	12:20	17:15	19:44	17:51		end										
5.0	5.0	2.4	6.6	11.0	7.5	21.9	Car Party Hours	59	61	60	79	50	58	70	56	53	49
5.0	4.2	3.6	2.0	2.0	1.5	42.5	Foot Party Hours	61	98	68	59	101	79	68	78	62	57
							Bicycle Party Hours										7
							Train Party Hours		3				1				2
10.0	9.2	6.0	8.6	13.0	9.0	64.4	TOTAL Party Hours	120	162	127	138	151	138	139	134	123	106
160.0	154.0	71.0	122.0	244.0	167.0	279.0	Car Party km	1197	1126	1242	1245	1244	1195	1076	1160	997	891
4.0		10.5	1.5	4.0	4.0	54.3	Foot Party km	78	108	86	76	77	114	83	98	66	89
							Bicycle Party km										16
							Train Party km		60				52				5
164.0	154.0	81.5	123.5	248.0	171.0	333.3	TOTAL km	1275	1294	1328	1321	1321	1361	1159	1258	1084	980

Teams (Leaders)

unique species

SE sector

NW Robert Johanson, Janice Solem, Angela Stern

Common Merganser, Blue-headed Vireo, Ruby-crowned Kinglet

NE Marten Stoffel, Gerard Lahey, Daniel Mosterd

Tundra Swan, American Avocet, Semipalmated Sandpiper

Mil Mike Gollop

Yellow-bellied Sapsucker

Brad J. Frank Roy, John Bond, Judy Toews

Red-necked Phalarope, Say's Phoebe, Cape May Warbler

Blkst Stan Shadick, Tom Hanrahan, Jan Shadick, Karen Wiebe; Michael Williams

Baird's Sandpiper, Pectoral Sandpiper, Stilt Sandpiper, Little Gull, American Pipit

Indi Phil Willson, Kay Willson

City

C Tim Haughian, Lennox Saunders, Terry Saunders, Hilda Voth

Cinnamon Teal

NW Ivor Thokle, Bob Diakuw, Gale Diakuw

Tree Swallow

N Philip Taylor, Heather Wagg

Nashville Warbler

NE Donna Bruce, Thelma Howard, Keith Pahl, Ruth Welsh

Mourning Warbler

U Stuart Houston, Mary Houston, Jen Fillingham, Lori Parker, Linda Schnedar

White-breasted Nuthatch, Le Conte's Sparrow, Red Crossbill

SE Hilda Noton, Peter Hardy, Matthew Lux, Michael Lux, Michael Lux Jr., Pat Lux, Curtis Wagner, Janet Wagner

Olive-sided Flycatcher

S Lois Wooding

S-C Craig Salisbury, Lorriene Salisbury

Philadelphia Vireo

SW Maureen DuWors, Mary Gullacher, Carol Maccan

Yellow-billed Loon, Willet

E

Weather

temperature range:3-11 °C

sky: overcast

rain: occasional drizzle

wind: strong

NW	NE	Riv	Mil	Brad	Blkst	Indi	City	Animals sans feathers	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995
								Beaver		2		3			1	2	1	3
			1				1	Muskrat	2	4		1	3		2	7	7	5
1								Weasel					1 dead			1	1	
							1	Deer Mouse	1				1				1	
								Shrew						1				
								Vole										1
			2				9	Least Chipmunk	11	35	15	9	39	17	1	11	7	17
								Franklin's Ground Squirrel						4				2
								Red Squirrel		5		2	2	1		9		
								Eastern Fox Squirrel						1				
1							3	Richardson's Ground Squirrel	4	6	5	18	33	6		3	19	6
								13-lined Ground Squirrel				4	3				2	1
								Nuttall's Cottontail									1	
						1	5	White-tailed Jack Rabbit	6			2	1			1		4
								Snowshoe Hare		9	2				1			
						6		Pronghorn Antelope	6		7							
			2	2	1			Mule Deer	5	21	3	8	3	7		15	8	4
4			1	1	1		1	White-tailed Deer	8	19	6	15	16	8	15	7	13	21
			1					Coyote	1	13	3	9	5	1		11	5	8
				1				Red Fox	1	1						2		1
dead								Skunk						1	1 dead		1	4
								Badger		dead								
								Raccoon				2	1					
								Porcupine							1 dead			
								Bat sp.									1	
								Boreal Chorus Frog									1	1
								Wood Frog									2	
								Leopard Frog				1						
								Canadian Toad		1							1	
								Salamander				1						
								Garter Snake				1						3
								Red Admiral				4				2		
								Mourning Cloak		9		6	1	2		11	4	1
								-- White sp. --					19			1		24
								Cabbage White		11		33	801			13	5	49
								Western White		6		35				1		1
								Checkered White				3						
								Compton's Tortoiseshell								1		
								Milbert's Tortoiseshell				3	7			2	1	
								Variagated Fritillary				5						
								Painted Lady				10						1
								-- Sulphur sp. --		17	1	10	6			141	129	48
			1					Clouded sulphur	1	24	4	79	318	4		52	10	28
								Orange Sulphur			1	19	1					
								-- Blue sp. --					1					1
								-- Comma sp. --									1	2
								Gray Comma		1								
								Satyr Comma								1		
								Checkered Skipper				3						
								Purplish Copper		1		1				2		2
								Woolly Bear Caterpillar						2	1			
						1		Dragonfly sp.	1		1					10	22	
								Damselflies								5		