

**Black Swamp Bird Observatory
Navarre, Ottawa NWR Banding Station
Spring 2009**

The 31th spring season began daily 16 April at the primary passerine banding station of the Black Swamp Bird Observatory. Operations are conducted daily weather permitting from mid-April to early June. Only raw data (i.e., uncorrected for effort) are presented here, all of these data should be considered provisional. They are presented here for general interest, not as scientific analyses.

Spring 2009 Banding - New Bandings only

Date	Number Banded 2009	Accumulative Banded 2009	Birds/net hour	Same Date 2008
4-02	27		0.87	
4-08	49	76	0.67	
4-09	38	114	0.45	
4-13		114		82
4-14		114		159
4-15		114		189
4-16	22	136	0.23	220
4-17	20	156	0.21	220
4-18	104	260	0.55	294
4-19	58	318	0.54	337
4-20	109	427	1.01	415
4-21	68	495	0.67	445
4-22	59	554	0.46	465
4-23	50	604	0.38	598
4-24	327	931	2.97	649
4-25	173	1104	2.44	844
4-26	171	1275	1.18	1105
4-27	334	1609	3.19	1392
4-28	91	1700	1.32	1669
4-29	593	2293	2.78	1852
4-30	224	2517	2.16	1982
5-01	170	2687	1.02	2120
5-02	265	2952	1.71	2290
5-03	210	3162	1.46	2376
5-04	73	3235	0.55	2595
5-05	61	3296	0.48	2796
5-06	181	3477	0.92	2984
5-07	124	3601	0.78	3214
5-08	578	4179	2.72	3356
5-09	392	4571	3.33	3546
5-10	500	5071	2.56	3652
5-11	327	5398	2.03	3717
5-12	118	5516	0.82	3810
5-13	281	5797	1.59	3933
5-14	288	6085	1.79	4222
5-15	252	6337	1.55	4369
5-16	682	7019	3.87	4554
5-17	458	7477	2.49	4888
5-18	271	7748	1.53	5152
5-19	347	8095	1.97	5303
5-20	312	8407	1.90	5636
5-21	281	8688	1.59	5753
5-22	168	8856	1.02	6031

5-23	103	8959	0.63	6248
5-24	125	9084	0.81	6350
5-25	57	9141	0.46	6508
5-26	52	9193	0.39	6895
5-27	170	9363	1.05	7076
5-28	186	9549	1.35	7176
5-29	110	9659	0.70	7261
5-30	73	9732	0.49	7442
5-31	51	9783	0.35	7568
6-01	84	9867	0.55	7640
6-02	42	9909	0.32	7693
6-03	42	9951	0.29	7714
6-04	18	9969	0.13	7736
6-05	34	10003	0.23	7775
6-06	39	10042	0.25	7789
6-07				7822

Bird Movement: Short distance migrants began moving along the Lake Erie coast in early April. Good movements of Fox Sparrows and Rusty Blackbirds have started. First wave began on the 24th April. Major movement with great variety. 93 species counted from banding site alone. The major first wave has continued through the 27th with surprising numbers and diversity. 23 species warbler alone seen on the 27th, part of 115 species observed on the study site. Storm cold front arrived at 9 AM on the 28th. Temperature went from 60s to 40s in minutes as wind switched from SW to a Lake Erie Northeaster. Bird and insect activity heavily affected in the light rain.

Weather appears that the second wave may hit on the 7th or 8th. Diversity began increasing on the 6th but volume was low. The wave hit big time. Tremendous variety and volume on the 8th -10th.

Second pulse of the second wave hit on the 16th with great volume and diversity. Magnolia Warbler became dominant and variety of flycatchers appeared.

Third wave began 21 May with an increase in flycatchers and Red-eyed Vireos along with Wilson, Canada, Mourning and redstarts.

Migration is winding down with a minor push with a SW wind on 6 June.

Returns: Each year we recover 200-300 banded birds returning from previous years. Returns so far for 2009:

- 1 – Eastern Screech Owl
- 6 – Downy Woodpecker
- 4 – Blue Jay
- 32 – Red winged Blackbird
- 9 – Baltimore Oriole
- 2 – Common Grackle
- 4 – Song Sparrow
- 25 – Northern Cardinal
- 2 – Indigo Bunting
- 2 – Tree Swallow
- 2 – Warbling Vireo
- 4 – Prothonotary Warbler (a 7 years old)
- 1 – Nashville Warbler (banded 4-30-07)
- 39 – Yellow Warbler
- 19 – Common Yellowthroat (a 7 year old & a 9 year old)

50 – Gray Catbird (1 a foreign recapture from Dearborn, MI)
 3 – Brown Thrasher
 1 – Carolina Wren
 8 – House Wren
 3 – Black-capped Chickadee
 5 – American Robin

1 – foreign Sharp-shinned Hawk
 1 – foreign American Redstart (banded 8-21-08, Thunder Cape, Ontario)

Species summary for the Navarre banding station, spring 2009. Includes first/last capture, peak capture, 2009 new banded total, 2008 total for the species, and the total, high year and average for 1989-2008. The station began operation in 1981 but was not run daily until 1989.

Last date is only included if the species main migration has passed through the region.

2009 totals bold if surpassed year 2008 totals, blue if surpassed average, and red if record year

Updated last: 6 June

Species	First /Last capture	Peak capture	2009 Total	2008 Total	1989 – 2008		
					Total	High	Ave
Green Heron				0	1	1	<1
Virginia Rail				0	1	1	<1
Sora				0	6	3	<1
American Woodcock				2	12	3	<1
Solitary Sandpiper				0	1	1	<1
Mourning Dove	5/12		1	0	10	2	<1
Sharp-shinned Hawk				12	62	12	3
Cooper's Hawk				0	1	1	<1
American Kestrel				0	13	3	<1
Eastern Screech-Owl				1	4	1	<1
Yellow-billed Cuckoo	5/14		1	1	46	6	2
Black-billed Cuckoo	5/8		1	3	71	7	4
Hairy Woodpecker	5/13		1	1	7	2	<1
Downy Woodpecker	4/16	5/2-3	6	9	85	9	4
Yellow-bellied Sapsucker	4/18		1	2	71	11	4
Red-headed Woodpecker				1	5	1	<1
Red-bellied Woodpecker	5/2		1	0	12	2	<1
Yellow-shafted Flicker	4/8	4/20-4	10	7	103	16	5
Chuck-will's-widow	5/21		1	0	0	0	0
Whip-poor-will	5/7		1	2	19	3	<1
Common Nighthawk				0	1	1	<1
Chimney Swift				0	1	1	<1
Ruby-throated Hummingbird	5/8-31	5/14-8	47	45	888	115	59
Eastern Kingbird	5/27		1	12	117	12	6
Great Crested Flycatcher	4/24-6/3	5/13-7	20	12	446	44	22
Eastern Phoebe	4/2-25	4/8-3	10	2	88	24	4

Olive-sided Flycatcher				2	48	7	2
Eastern Wood Pewee	5/7-6/1	5/28-6	32	34	650	53	33
Yellow-bellied Flycatcher	5/9-6/6	5/28-15	105	149	2282	216	114
Acadian Flycatcher	5/14-6/6	5/28-4	18	11	687	125	34
Trail's Flycatcher	5/9-6/6	5/27-47	302	339	5506	648	275
Least Flycatcher	4/24-5/30	5/10-13	108	56	2330	186	117
Dusky Flycatcher				0	1	1	<1
Blue Jay	4/2	5/9-11	56	36	1158	205	58
Red-winged Blackbird	4/2	4/29-19	149	213	2621	220	131
Orchard Oriole	5/28		1	0	36	4	2
Baltimore Oriole	5/6	5/9-7	25	34	746	72	37
Rusty Blackbird	4/2-5/10	4/2-2	7	2	91	19	5
Common Grackle	4/8	4/20-2	31	29	304	34	15
Purple Finch	4/21		1	2	40	15	2
House Finch				0	29	8	2
American Goldfinch	4/17	5/17-4	24	18	1522	192	76
Pine Siskin	5/16		1	0	1	1	<1
Vesper Sparrow				0	1	1	<1
Savanna Sparrow				0	9	2	<1
Grasshopper Sparrow				0	5	2	<1
Henslow's Sparrow				0	3	1	<1
Harris Sparrow				0	1	1	<1
White-crowned Sparrow	5/3-19	5/8-14	57	51	957	86	48
White-crowned Sparrow Gambel's	5/14		1	1	12	4	<1
White-throated Sparrow	4/16-5/30	4/27-97	634	756	10314	756	516
American Tree Sparrow	4/2-25	4/2-2	6	0	99	21	5
Chipping Sparrow	4/24	4/24-9	9	6	99	12	5
Clay-colored Sparrow				0	5	1	<1
Field Sparrow	4/18-5/3	4/24-4	14	7	236	27	12
Slate-colored Junco	4/8-24	4/20-7	24	3	397	87	20
Song Sparrow	4/2	4/17-5	42	25	1066	112	53
Lincoln's Sparrow	4/26-6/2	5/8-10	81	43	2051	196	103
Swamp Sparrow	4/16	4/28-9	116	86	4379	384	219
Fox Sparrow	4/2-23	4/8-10	24	10	320	41	16
Eastern Towhee	4/24-5/6		3	7	71	8	4
Spotted Towhee				0	1	1	<1
Northern Cardinal	4/2	4/18-4	38	58	716	58	36
Rose-breasted Grosbeak	4/30-5/16	5/8-3	13	21	604	106	30
Blue Grosbeak				0	1	1	<1
Indigo Bunting	4/25	5/16-14	83	49	2149	165	107
Scarlet Tanager	4/24-5/18	5/10-2	9	5	154	17	8
Summer Tanager				2	14	3	<1
Barn Swallow				0	5	2	<1
Tree Swallow	4/23	5/7-3	17	13	303	28	15
N. Rough-winged Swallow				0	4	2	<1
Cedar Waxwing	5/8-6/5	5/9-5	20	12	1141	198	57
Loggerhead Shrike				1	1	1	<1
Red-eyed Vireo	4/24	5/16-18	150	96	4068	385	203
Philadelphia Vireo	5/8-27	5/17-5	25	11	542	59	27
Warbling Vireo	4/25	5/9-6	23	13	471	54	24

Yellow-throated Vireo	4/26-5/11		3	1	43	8	2
Blue-headed Vireo	4/24-5/24	5/8-6	39	19	419	42	21
White-eyed Vireo	4/24-5/22	4/25-4	14	14	277	23	14
Black-and-white Warbler	4/24-6/3	5/17-10	87	81	2129	359	106
Hybrid warbler				0	2	1	<1
Prothonotary Warbler	4/29	4/29-2	6	11	127	13	6
Swainson's Warbler				0	1	1	<1
Worm-eating Warbler	4/26-5/8	4/26-2	5	3	23	3	1
Blue-winged Warbler	4/24-5/21	4/26-3	21	12	362	31	18
"Brewster's Warbler"				2	17	3	<1
"Lawrence's Warbler"				0	1	1	<1
Golden-winged Warbler	5/3-16		3	1	96	11	5
Nashville Warbler	4/24-6/4	5/10-65	432	299	3702	357	185
Orange-crowned Warbler	4/27-5/20	5/10-3	10	20	206	27	10
Tennessee Warbler	4/24-6/1	5/16-58	198	125	2283	268	114
Northern Parula	5/6-21	5/17-14	34	21	172	21	9
Cape May Warbler	4/27-18	5/17-15	33	42	706	83	35
Yellow Warbler	4/24	5/8-74	562	393	7267	520	363
Black-throated Blue Warbler	5/4-31	5/17-14	62	55	1088	131	54
Myrtle Warbler	4/18-5/22	4/29-374	1412	1078	9931	1078	497
Magnolia Warbler	4/27-6/2	5/16-124	686	414	12982	1282	649
Cerulean Warbler				0	35	6	2
Chestnut-sided Warbler	4/25-6/1	5/16-29	200	104	2990	231	150
Bay-breasted Warbler	5/8-27	5/19-14	75	17	1384	137	69
Blackpoll Warbler	4/27-6/2	5/22-32	176	91	1235	145	62
Blackburnian Warbler	5/1-6/1	5-19-9	64	18	593	70	30
Yellow-throated Warbler	5/2		1	0	3	1	<1
Black-throated Green Warbler	4/24-5/25	5/10-18	85	53	1183	119	59
Kirtland Warbler				0	1	1	<1
Pine Warbler	4/18-26	4/26-2	4	3	22	3	1
Western Palm Warbler	4/24-5/19	5/8-43	317	287	2443	287	122
Yellow Palm Warbler	4/28-5/10		4	1	35	6	2
Prairie Warbler	5/1		1	1	23	3	1
Ovenbird	4/24-6/2	5/8-25	197	140	2797	262	140
Northern Waterthrush	4/24-6/1	5/8-13	116	96	1799	171	90
Louisiana Waterthrush				0	26	4	1
Kentucky Warbler	4/25-5/28		5	3	45	7	2
Connecticut Warbler	5/18-28	5/27-5	9	8	162	11	8
Mourning Warbler	5/11-6/6	5/28-15	109	88	2127	152	106
Common Yellowthroat	4/24	5/18-20	270	211	6588	534	329
Yellow-breasted Chat	4/27-5/28		6	4	193	21	10
Hooded Warbler	4/24-5/28	4/27-5	13	6	150	18	8
Wilson's Warbler	5/7-6/6	5/19-31	224	186	3957	328	198
Canada Warbler	5/1-6/6	5/16-11	125	106	2548	192	127
American Redstart	5/8-6/3	5/16-39	315	250	5534	517	277
Gray Catbird	4/24	5/8-46	473	460	7953	571	398
Brown Thrasher	4/17	4/17-2	21	16	295	20	15
Carolina Wren	4/9		2	5	86	9	4
House Wren	4/24	5/4-6	100	103	1988	138	99
Winter Wren	4/8-5/13	4/18-3	19	16	373	55	19

Marsh Wren				0	20	3	1
Brown Creeper	4/2-22	4/20-6	30	25	583	99	29
White-breasted Nuthatch				2	5	2	<1
Red-breasted Nuthatch				10	144	41	7
Black-capped Chickadee	4/22		1	2	25	3	1
Golden-crowned Kinglet	4/2-24	4/18-22	111	26	1194	294	60
Ruby-crowned Kinglet	4/9-5/18	4/24-45	256	178	4449	342	222
Blue-gray Gnatcatcher	4/19-5/13	4/29-9	63	47	864	104	43
Wood Thrush	4/24-5/18	4/27-3	22	30	614	59	31
Veery	4/24-5/28	5/8-12	94	53	1663	127	83
Gray-cheeked Thrush	4/25-5/30	5/16-11	63	30	686	116	34
Swainson's Thrush	4/24-6/6	5/16-30	349	129	4830	476	242
Hermit Thrush	4/17-5/13	4/18-23	142	95	2908	262	145
American Robin	4/8	4/16-3	22	19	408	37	20
Eastern Bluebird				0	15	2	<1
TOTAL			10,042	7,822	156,862	10,111	7,843