

**Black Swamp Bird Observatory
Navarre, Ottawa NWR Banding Station
Spring 2011**

The 33rd spring season began daily 12 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 2011 Banding - New Bandings only

Date	Number Banded 2011	Accumulative Banded 2011	Birds/Net Hour	Same Date 2010
4-02				71
4-12	23		.92	102
4-13	58	81	.57	102
4-14	15	96	.16	123
4-15	WIND	96		168
4-16	RAIN	96		187
4-17	15	111	.16	220
4-18	RAIN	111		220
4-19	RAIN	111		240
4-20	67	178	.69	261
4-21	25	203	.22	285
4-22	RAIN	203		304
4-23	159	362	1.15	331
4-24	57	419	.50	331
4-25	9	428	.23	402
4-26	374	802	2.32	402
4-27	180	982	1.65	456
4-28	WIND	982		499
4-29	174	1156	1.20	583
4-30	29	1185	.21	723
5-01	722	1907	4.05	864
5-02	238	2145	1.48	907
5-03	RAIN	2145		985
5-04	327	2472	1.76	1059
5-05	55	2527	.42	1256
5-06	1116	3643	5.11	1456
5-07	742	4385	3.58	1595
5-08	168	4553	.97	1671
5-09	85	4638	.50	1778
5-10	295	4933	1.55	1848
5-11	144	5077	.95	1848
5-12	383	5460	2.30	1973
5-13	652	6112	3.30	2076
5-14	403	6515	2.15	2746
5-15	RAIN	6515		3142
5-16	92	6607	1.33	3291
5-17	112	6719	.89	3384
5-18	101	6820	.66	3384
5-19	263	7083	1.91	3487
5-20	118	7201	.81	3643
5-21	192	7393	1.25	3782
5-22	779	8172	5.28	4235
5-23	380	8552	1.93	4405
5-24	436	8988	2.18	4499
5-25	211	9199	1.37	4569
5-26	282	9481	1.72	4664

Date	Number Banded 2011	Accumulative Banded 2011	Birds/Net Hour	Same Date 2010
5-27	135	9616	1.01	4708
5-28	214	9830	1.11	4731
5-29	186	10016	1.54	4754
5-30	75	10091	.62	4773
5-31	102	10193	.81	4839
6-01	47	10240	.38	4883
6-02	31	10271	.24	4928
6-03	24	10295	.20	4978
6-04	65	10360	.43	5002
6-05				5029

Bird Movement: Consider unsettled weather has enveloped the region in the first half of April. A good movement was noted on 9-10 April of kinglets and early sparrows. Predominant northeast winds have held bird numbers and diversity down so far this spring.

The first wave began 23 April with excellent movements of White-throated Sparrow and Hermit Thrush. "One of" warblers are starting as is typical of this wave. So far this spring has seen a lot of northeast winds and rain. Whenever there has been a southwest wind we have seen good movements.

Major First Wave movement on 26-27 April. Lots of Myrtle Warblers and good numbers of Western palm Warbler. Great diversity.

The second pulse of the First Wave hit big time on 01 May. 55 species and 21 warblers were banded. Myrtle, Nashville, and Palm were the dominant warblers with good numbers of expected 1st wave sub-dominants; Black and White and Black-throated-Green.

A monster movement has occurred 6-7 May. Good variety with a lot of first of year species.

An excellent spring, in fact a record breaker for the Navarre banding station. This was one of those few years that all three waves recorded above normal movements along the Lake Erie coast.

Returns: Each year we recover 200-300 banded birds returning from previous years. Returns so far for 2011:

- 3 - Downy Woodpecker
- 1 - Ruby-throated Hummingbird
- 3 - Blue Jay
- 28 - Red-winged Blackbird
- 13 - Baltimore Oriole
- 1 - Common Grackle
- 1 - White-throated Sparrow (foreign)
- 2 - Song Sparrow
- 11 - Northern Cardinal
- 2 - Indigo Bunting
- 4 - Tree Swallow
- 3 - Warbling Vireo
- 5 - Prothonotary Warbler
- 80 - Yellow Warbler
- 2 - Magnolia Warbler (both foreign band)
- 16 - Common Yellowthroat
- 46 - Gray Catbird

- 2 – Brown Thrasher
- 2 – House Wren
- 7 – Black-capped Chickadee
- 9 – American Robin

Species summary for the Navarre banding station, spring 2011. Includes first/last capture, peak capture, 2011 new banded total, 2010 total for the species, and the total, high year and average for 1989-2010. 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.

2011 totals bold if surpassed year 2010 totals, blue if surpassed average, and red if record year

Updated last: 4 June

Species	First /Last Capture	Peak Capture	2011 Total	2010 Total	1989 – 2010		
					Total	High	Avg
Green Heron				0	1	1	<1
Virginia Rail				0	1	1	<1
Sora				0	6	3	<1
American Woodcock				1	13	3	<1
Solitary Sandpiper				0	1	1	<1
Mourning Dove				0	11	2	<1
Sharp-shinned Hawk	4/13-5/17	4/27-2	12	3	65	12	3
Cooper's Hawk	4/14		1	1	2	1	<1
Red-tailed Hawk	4/26		1	0	0	0	0
American Kestrel	4/14		1	0	13	3	<1
Eastern Screech-Owl				0	4	1	<1
Yellow-billed Cuckoo	5/26-6/3		3	0	47	6	2
Black-billed Cuckoo	5/6-6/1		5	3	75	7	3
Hairy Woodpecker	5/7-25		5	0	8	2	<1
Downy Woodpecker	4/20	5/1-2	6	4	95	9	4
Yellow-bellied Sapsucker	4/23-26		2	4	76	11	3
Red-headed Woodpecker	5/5		1	0	5	1	<1
Red-bellied Woodpecker	5/1		2	1	14	2	<1
Yellow-shafted Flicker	4/14	4/26-2	7	4	117	16	5
Chuck-will's-widow				0	1	1	<1
Whip-poor-will	4/27-5/7		2	1	21	3	<1
Common Nighthawk				0	1	1	<1
Chimney Swift				0	1	1	<1
Ruby-throated Hummingbird	5/1-6/4	5/11-7	80	35	970	115	57
Eastern Kingbird	5/9-6/2	5/25-3	5	4	122	12	6
Great Crested Flycatcher	4/23-6/4	5/31-5	24	11	477	44	22
Eastern Phoebe				2	100	24	5
Olive-sided Flycatcher				0	48	7	2
Eastern Wood Pewee	5/10-6/4	5/22-5	42	19	701	53	32

Species	First /Last Capture	Peak Capture	2011 Total	2010 Total	1989 – 2010		
					Total	High	AvG
Yellow-bellied Flycatcher	5/12-6/4	5/22-41	199	92	2479	216	113
Acadian Flycatcher	5/22-6/1	5/22-6	24	14	719	125	33
Trail's Flycatcher	5/12-6/4	5/24-88	514	217	6025	648	274
Least Flycatcher	4/26-5/28	5/21-7	59	54	2492	186	113
Dusky Flycatcher				0	1	1	<1
Blue Jay	4/26	4/26-4	23	25	1239	205	56
Brown-headed Cowbird	5/2	5/2-2	2	0	0	0	0
Red-winged Blackbird	4/13	5/4-17	100	137	2907	220	132
Orchard Oriole	5/9		1	2	39	4	2
Baltimore Oriole	5/1	5/10-8	47	26	797	72	36
Rusty Blackbird	4/13-21		2	2	100	19	5
Common Grackle	4/26	4/26-3	22	11	346	34	16
Purple Finch	4/26-5/13		2	0	41	15	2
House Finch				0	29	8	2
American Goldfinch	4/27	5/6-4	33	22	1568	192	71
Pine Siskin				0	2	1	<1
Vesper Sparrow				0	1	1	<1
Savanna Sparrow	4/26		1	0	9	2	<1
Grasshopper Sparrow				0	5	2	<1
Henslow's Sparrow				0	3	1	<1
LeConte's Sparrow	5/6		1	0	0	0	0
Harris Sparrow				0	1	1	<1
White-crowned Sparrow	5/1-21	5/7-29	71	56	1070	86	49
White-crowned Sparrow Gambel's	5/7-10	5/7-3	4	0	13	4	<1
White-throated Sparrow	4/12-5/30	5/1-148	724	426	11374	756	517
American Tree Sparrow				0	105	21	5
Chipping Sparrow				2	110	12	5
Clay-colored Sparrow				0	5	1	<1
Field Sparrow	4/23-5/23	4/23-3	9	11	261	27	12
Slate-colored Junco	4/14-5/2	4/23-2	10	12	433	87	20
Song Sparrow	4/13	4/13-2	21	17	1125	112	51
Lincoln's Sparrow	5/1-6/2	5/12-16	112	75	2207	196	100
Swamp Sparrow	4/13	5/1-12	130	49	4544	384	207
Fox Sparrow	4/12-5/18	4/13-12	22	11	355	41	16
Eastern Towhee	4/24-5/4	4/26-2	7	5	79	8	4
Spotted Towhee				0	1	1	<1
Northern Cardinal	4/12	4/13-8	68	49	803	58	37
Rose-breasted Grosbeak	4/26-5/23	5/1-6	24	10	627	106	29
Blue Grosbeak				0	1	1	<1
Indigo Bunting	4/26	5/19-9	64	53	2285	165	104
Scarlet Tanager	4/29-5/12		6	2	165	17	8
Summer Tanager	5/7-23		3	0	14	3	<1
Purple Martin				2	2	2	<1
Barn Swallow				1	6	2	<1
Tree Swallow	4/24	5/11-5	23	16	336	28	15
N. Rough-winged Swallow				0	4	2	<1
Cedar Waxwing	5/22-6/4	5/23-7	17	4	1165	198	53
Loggerhead Shrike				0	1	1	<1
Red-eyed Vireo	4/27-6/4	5/22-51	154	59	4277	385	194
Philadelphia Vireo	5/13-28	5/22-8	25	1	568	59	26

Species	First /Last Capture	Peak Capture	2011 Total	2010 Total	1989 – 2010		
					Total	High	AvG
Warbling Vireo	5/1-31	5/17-4	23	25	519	54	24
Yellow-throated Vireo	4/26		1	1	47	8	2
Blue-headed Vireo	4/27-5/24	5/1-4	32	7	465	42	21
White-eyed Vireo	4/27-5/2		3	6	297	23	14
Black-and-white Warbler	4/23-5/26	5/6-23	110	53	2269	359	103
Hybrid warbler				0	2	1	<1
Prothonotary Warbler	4/27	5/21-2	11	9	142	13	6
Swainson's Warbler				0	1	1	<1
Worm-eating Warbler	4/12-5/7		2	2	30	5	1
Blue-winged Warbler	4/27-5/12	5/1-7	21	6	389	31	18
"Brewster's Warbler"	5/7		1	0	17	3	<1
"Lawrence's Warbler"				0	1	1	<1
Golden-winged Warbler				2	101	11	5
Nashville Warbler	4/26-5/27	5/6-133	405	169	4303	432	196
Orange-crowned Warbler	4/26-5/24	5/7-8	17	8	224	27	10
Tennessee Warbler	5/6-31	5/13-31	84	59	2540	268	115
Northern Parula	4/23-5/17	5/6-6	16	6	212	34	10
Cape May Warbler	5/1-26	5/6-5	26	4	743	83	34
Yellow Warbler	4/23	5/13-73	563	270	8099	562	368
Black-throated Blue Warbler	4/26-5/27	5/19-16	83	21	1171	131	53
Myrtle Warbler	4/12-5/17	5/6-366	1366	182	11525	1412	524
Magnolia Warbler	5/1-6/4	5/22-188	738	396	14064	1282	639
Cerulean Warbler	4/26-5/1		2	1	36	6	2
Chestnut-sided Warbler	5/1-29	5/13-32	164	73	3263	231	148
Bay-breasted Warbler	5/7-28	5/13-9	38	11	1470	137	67
Blackpoll Warbler	5/6-6/1	5/24-16	110	25	1436	176	65
Blackburnian Warbler	5/1-27	5/6-6	35	11	668	70	30
Yellow-throated Warbler	4/27		1	0	4	1	<1
Black-throated Green Warbler	4/26-6/4	5/6-51	107	13	1281	119	58
Kirtland Warbler				0	1	1	<1
Pine Warbler	4/26-5/6	4/26-6	9	1	27	4	1
Western Palm Warbler	4/12-6/1	5/6-106	464	55	2815	317	128
Yellow Palm Warbler				0	39	6	2
Prairie Warbler	4/30		1	0	24	3	1
Ovenbird	4/14-6/4	5/12-38	198	126	3120	262	142
Northern Waterthrush	4/20-5/29	5/7-18	157	110	2025	171	92
Louisiana Waterthrush	4/26		1	0	26	4	1
Kentucky Warbler				1	51	7	2
Connecticut Warbler	5/13-31	5/13-2	10	3	174	11	8
Mourning Warbler	5/1-6/3	5/22-23	126	90	2326	152	106
Common Yellowthroat	4/23	5/14-33	350	209	7067	534	321
Yellow-breasted Chat	5/5-31	5/31-2	3	3	202	21	9
Hooded Warbler	4/27-5/31		11	8	171	18	8
Wilson's Warbler	5/1-6/4	5/24-51	259	136	4317	328	196
Canada Warbler	5/10-6/4	5/22-49	220	102	2775	192	126
American Redstart	5/1-6/4	5/13-55	352	146	5995	517	273
Gray Catbird	4/20	5/13-57	514	429	8855	571	403
Brown Thrasher	4/13	4/13-2	15	16	332	21	15
Carolina Wren	5/5		6	5	93	9	4
House Wren	4/24	5/2-7	56	63	2151	138	98

Species	First /Last Capture	Peak Capture	2011 Total	2010 Total	1989 – 2010		
					Total	High	AvG
Winter Wren	4/20-5/8		4	6	398	55	18
Marsh Wren	4/17		1	0	20	3	<1
Brown Creeper	4/12-5/5	4/26-6	18	16	629	99	29
White-breasted Nuthatch	5/24		1	0	5	2	<1
Red-breasted Nuthatch	5/4-23	5/12-2	7	1	145	41	7
Black-capped Chickadee	4/30		2	3	29	3	1
Golden-crowned Kinglet	4/12-24	4/12-2	6	32	1337	294	61
Ruby-crowned Kinglet	4/12-5/25	5/6-19	129	95	4800	342	218
Blue-gray Gnatcatcher	4/12-5/23	4/29-34	130	17	944	104	43
Wood Thrush	4/27-5/22	5/1-8	38	26	662	59	30
Veery	4/27-5/29	5/13-12	96	53	1810	127	82
Gray-cheeked Thrush	5/1-31	5/22-9	48	47	796	116	36
Swainson's Thrush	4/27-6/1	5/22-53	259	194	5373	476	244
Hermit Thrush	4/12-5/10	4/23-59	156	97	3147	262	143
American Robin	4/13	4/13-6	31	24	454	37	21
Eastern Bluebird				0	15	2	<1
TOTAL			10,360	5,029	171,933	10,111	7,815