

**Black Swamp Bird Observatory
Navarre Banding Station
Fall 2011 Passerine Migration Monitoring
Latitude 413 Longitude 0830**

The 22nd fall season began daily 20 August at our primary passerine banding station.

This site is a barrier beach ridge along the southwest shore of Lake Erie. Operations are conducted daily weather permitting from mid-August to mid-October. Twenty-six nets are run from ½ hour before sunrise to at least 11:00 AM. 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.

Fall 2011 – Navarre - New Bandings only

Date	Number Banded 2011	Accumulative Banded 2011	Birds/Net Hour	Same Date 2010
7-04	34		.37	63
7-14				113
8-05	35	69	.38	113
8-20	31	100	.37	201
8-21	23	123	.18	228
8-22	16	139	.11	228
8-23	35	174	.28	260
8-24	27	201	.18	275
8-25	16	217	.15	293
8-26	32	249	.19	311
8-27	19	268	.15	365
8-28	17	285	.16	432
8-29	19	304	.15	467
8-30	43	347	.34	503
8-31	34	381	.26	552
9-01	46	427	.33	580
9-02	38	465	.27	655
9-03	31	496	.22	714
9-04	31	527	.24	767
9-05	33	560	.25	882
9-06	38	598	.33	976
9-07	RAIN	598		1033
9-08	RAIN	598		1129
9-09	72	670	.78	1227
9-10	95	765	.68	1308
9-11	115	880	.91	1380
9-12	120	1000	.73	1505
9-13	141	1141	.73	1669
9-14	39	1180	.28	1895
9-15	89	1269	.70	2035
9-16	73	1342	.41	2187
9-17	61	1403	.40	2316
9-18	33	1436	.23	2501
9-19	22	1458	.20	2563

**Black Swamp Bird Observatory
Navarre Banding Station
Fall 2011 Passerine Migration Monitoring
Latitude 413 Longitude 0830**

Date	Number Banded 2011	Accumulative Banded 2011	Birds/Net Hour	Same Date 2010
9-20	67	1525	.40	2618
9-21	262	1787	1.25	2711
9-22	218	2005	1.09	2873
9-23	RAIN	2005		2975
9-24	172	2177	.83	3116
9-25	87	2264	.52	3268
9-26	RAIN	2264		3462
9-27	136	2400	.81	3489
9-28	152	2552	.77	3489
9-29	190	2742	1.15	3707
9-30	224	2966	1.40	3904
10-01	RAIN	2966		3985
10-02	263	3229	1.53	3985
10-03	223	3452	1.09	4118
10-04	138	3590	.83	4303
10-05	203	3793	.96	4547
10-06	92	3885	.61	4734
10-07	63	3948	.40	4938
10-08	101	4049	.58	5107
10-09	78	4127	.50	5278
10-10	97	4224	.56	5430
10-11	94	4318	.57	5627
10-12	35	4353	.29	5712
10-13	61	4414	.42	5716
10-14	108	4522	.56	5763
10-15	202	4724	.97	5814
10-16	188	4912	1.61	5941
10-17	134	5046	.85	5991
10-18	136	5182	.90	5991
10-19	RAIN	5182		5991
10-20	RAIN	5182		6028
10-21		5182		6028
10-22		5182		6028
10-23	210	5392	1.44	6028
10-31		5392		6130
11-02	33	5425	.40	6130
11-03				6147

**Black Swamp Bird Observatory
Navarre Banding Station
Fall 2011 Passerine Migration Monitoring
Latitude 413 Longitude 0830**

Species summary, for the Navarre banding station, fall 2011. Includes first/last capture, peak capture, 2011 new banded total, and the 2010 total for the species.

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.

Bird Movement: First fair movement of the fall occurred 7-9 September. A good cold front from the northwest coupled with the remnants of Tropical Storm Lee brought lots of rain and an increase in southward migration.

Tropical Storm Lee brought considerable rain the week of 5 September but favorable winds began moving birds south towards the end of the week. Very good warbler variety is starting.

Good movement early in week of 12 September.

First major movement started on 21 September. Considerable variety of warblers with major Blackpoll movement.

Unfavorable winds have resulted in a stalemate in migration in mid-October. Still waiting for the "October" birds to take charge.

Fall 2011 turned out to be above average in bird volume and very good in variety.

Updated last: 2 November:

Species	First /Last Capture	Peak Capture	2011 Total	2010 Total	1990 - 2010		
					Total	High	Avg
American Woodcock				5	37	7	2
Mourning Dove			1	1	31	7	1
Sharp-shinned Hawk			1	1	12	2	<1
Cooper's Hawk				0	3	1	<1
Red-tailed Hawk				0	4	1	<1
Eastern Screech Owl	7/4		1	0	2	1	<1
Yellow-billed Cuckoo	9/20-22		2	5	105	13	5
Black-billed Cuckoo				0	6	1	<1
Belted Kingfisher				0	4	2	<1
Hairy Woodpecker				0	3	1	<1
Downy Woodpecker	7/4	8/30-5	27	23	437	41	21
Yellow-bellied Sapsucker	10/2-17	10/2-3	9	6	108	19	5
Red-head Woodpecker				0	4	2	<1
Red-bellied Woodpecker	10/10-14		2	1	7	2	<1
Yellow-shafted Flicker	9/18	10/2-2	4	11	166	18	8
Whip-poor-will				0	1	1	<1
Ruby-throated Hummingbird	8/28-9/24	9/13-2	8	18	240	58	14

**Black Swamp Bird Observatory
Navarre Banding Station
Fall 2011 Passerine Migration Monitoring
Latitude 413 Longitude 0830**

Species	First /Last Capture	Peak Capture	2011 Total	2010 Total	1990 - 2010		
					Total	High	Avg
Eastern Kingbird	8/21		1	0	55	18	3
Great Crested Flycatcher				3	31	9	1
Eastern Phoebe	8/25-10/18	10/3-4	18	15	536	54	26
Olive-sided Flycatcher				0	5	1	<1
Eastern Wood-Pewee	9/2-10/17	9/2-2	19	18	282	26	13
Yellow-bellied Flycatcher	8/20-10/3	9/9-6	30	24	381	38	18
Acadian Flycatcher	9/30		1	2	16	2	<1
Trail's Flycatcher	8/28-9/12		2	4	135	18	6
Least Flycatcher	8/30-9/28	9/2-2	6	7	163	15	8
Blue Jay				6	118	19	6
European Starling				0	5	5	<1
Red-winged Blackbird	7/4	7/4-4	9	23	675	134	32
Orchard Oriole				2	14	8	<1
Baltimore Oriole	7/4-9/15	9/1-9	30	20	476	86	23
Rusty Blackbird	10/7-23	10/7-2	10	6	203	47	10
Common Grackle	7/4-10/23	9/15-26	116	95	729	95	35
Purple Finch	9/9-10/23	10/18-3	8	5	243	79	12
House Finch				0	402	148	20
American Goldfinch	8/20	11/2-3	9	12	501	191	24
Pine Siskin	10/5		1	0	0	0	0
Savanna Sparrow				0	3	1	<1
Grasshopper Sparrow				1	1	1	<1
Nelson's Sparrow				0	2	1	<1
White-crowned Sparrow	10/3-23	10/3-3	8	15	246	27	12
Gambel's White-crowned Sparrow	10/10		1	0	3	2	<1
White-throated Sparrow	10/2-11/2	10/23-51	254	414	7916	1119	377
American Tree Sparrow	11/2		1	2	25	8	1
Chipping Sparrow	10/18		1	1	24	4	1
Field Sparrow	10/14-15		2	2	66	7	3
Slate-colored Junco	10/2-23	10/23-8	23	14	642	78	31
Song Sparrow	7/4	10/23-8	41	33	1160	140	55
Lincoln Sparrow	9/15-10/23	10/6-2	7	12	281	42	13
Swamp Sparrow	9/27-10/23	10/13-4	37	34	1513	239	72
Fox Sparrow	10/3-11/2	10/17-3	21	34	279	43	13
Eastern Towhee	10/16-23		2	1	19	4	<1
Northern Cardinal	7/4	8/21-3	42	66	980	75	47
Rose-breasted Grosbeak	9/9-10/14		4	14	170	21	8
Indigo Bunting	8/5-10/15	8/5-2	9	4	302	58	14
Dickcissel				0	1	1	<1
Scarlet Tanager	9/20-25		4	0	35	6	2
Purple Martin				0	1	1	<1
Barn Swallow				0	14	8	<1
Tree Swallow				0	5	4	<1
Cedar Waxwing	8/20-10/23	8/20-2	5	37	499	78	24
Northern Shrike				0	1	1	<1
Red-eyed Vireo	8/5-10/10	9/21-10	85	71	1355	103	65
Philadelphia Vireo	9/9-10/5	9/30-4	16	8	295	24	14

**Black Swamp Bird Observatory
Navarre Banding Station
Fall 2011 Passerine Migration Monitoring
Latitude 413 Longitude 0830**

Species	First /Last Capture	Peak Capture	2011 Total	2010 Total	1990 - 2010		
					Total	High	Avg
Warbling Vireo	8/21-9/30	8/23-3	16	26	1213	132	58
Yellow-throated Vireo	9/13-22		2	0	16	3	<1
Blue-headed Vireo	9/15-10/11	10/5-4	13	9	239	28	11
White-eyed Vireo				0	23	4	1
Black-and-white Warbler	7/4-9/29	7/4-3	30	38	466	45	22
Prothonotary Warbler	7/4-9/4	8/5-5	15	4	136	15	6
Worm-eating Warbler				0	2	1	<1
Blue-winged Warbler	9/13		1	0	14	2	<1
Golden-winged Warbler	9/22-29		2	0	13	3	<1
Nashville Warbler	8/28-10/23	9/10-7	87	65	807	66	38
Orange-crowned Warbler	9/28-10/23	10/5-3	13	6	96	10	5
Tennessee Warbler	8/21-10/23	9/30-19	126	96	1277	197	61
Northern Parula	9/12-27		4	8	38	8	2
Cape May Warbler	8/31-10/23	9/30-26	99	68	2274	428	108
Yellow Warbler	7/4-9/29	7/4-6	13	108	1434	207	68
Black-throated Blue Warbler	8/24-10/13	9/10-5	33	92	918	92	44
Myrtle Warbler	9/22	10/15-124	481	216	5467	945	260
Magnolia Warbler	8/23-10/14	9/12-23	203	200	3304	266	157
Cerulean Warbler				0	1	1	<1
Chestnut-sided Warbler	8/26-10/15	8/26-2	16	20	378	38	18
Bay-breasted Warbler	8/30-10/9	9/13-12	57	33	514	54	24
Blackpoll Warbler	8/30-10/23	9/21-181	1156	1008	8672	1008	413
Blackburnian Warbler	9/5-29	9/13-2	11	6	93	8	4
Black-throated Green Warbler	8/28-10/2	9/11-5	17	19	258	30	12
Pine Warbler	10/15-18		2	1	9	4	<1
Western Palm Warbler	9/24-10/16	9/30-2	7	0	249	54	12
Yellow Palm Warbler				0	6	6	<1
Ovenbird	8/23-10/13	10/3-7	76	126	1625	130	77
Northern Waterthrush	8/21-10/14	8/30-3	30	20	545	56	26
Kentucky Warbler				0	2	1	<1
Connecticut Warbler	8/31-10/9	9/11-2	12	7	164	20	8
Mourning Warbler	8/26-9/27	8/29-3	15	13	244	20	12
Common Yellowthroat	7/4-10/23	9/12-7	116	150	3809	458	181
Yellow-breasted Chat	9/13		1	0	21	4	1
Hooded Warbler	9/24		1	1	5	1	<1
Wilson's Warbler	8/28-10/5	8/30-2	14	34	456	62	22
Canada Warbler	8/20-9/12	8/26-5	17	14	177	17	8
American Redstart	8/28-10/10	9/6-4	38	111	1699	158	81
Gray Catbird	7/4-10/23	9/12-19	316	331	5531	452	263
Brown Thrasher	7/4-10/15		13	7	122	13	6
Carolina Wren	8/5	8/5-4	8	5	326	30	16
House Wren	8/5-10/15	9/11-4	21	30	1467	153	70
Winter Wren	9/24-10/23	10/5-6	47	40	1347	158	64
Marsh Wren	9/21-10/14		2	8	60	9	3
Brown Creeper	10/2-11/2	10/23-12	66	85	1264	119	60
White-breasted Nuthatch				1	12	2	<1

**Black Swamp Bird Observatory
Navarre Banding Station
Fall 2011 Passerine Migration Monitoring
Latitude 413 Longitude 0830**

Species	First /Last Capture	Peak Capture	2011 Total	2010 Total	1990 - 2010		
					Total	High	Avg
Red-breasted Nuthatch	10/5		1	18	219	34	10
Tufted Titmouse	10/4-14	10/9-3	6	4	75	12	4
Black-capped Chickadee	9/6	9/29-2	7	8	84	11	4
Golden-crowned Kinglet	10/2-11/2	10/23-23	145	473	5244	787	250
Ruby-crowned Kinglet	10/2-23	10/5-19	108	259	4699	627	224
Wood Thrush	9/10-10/13	9/17-2	7	8	127	14	6
Veery	8/28-10/3	9/10-5	21	24	463	40	22
Gray-cheeked Thrush	8/29-10/23	10/2-59	344	275	3486	275	166
Bicknell's Thrush				0	2	1	<1
Swainson's Thrush	8/24-10/23	10/2-39	495	744	10090	895	480
Hermit Thrush	9/30-11/2	10/23-36	179	271	3761	361	179
American Robin	7/4	11/2-9	37	63	1295	138	62
TOTAL			5,425	6,199	98,347	7,232	4,683