

**Black Swamp Bird Observatory
Navarre Banding Station
Fall 2014 Passerine Migration Monitoring
Latitude 413 Longitude 0830**

The 24th 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 2014 – Navarre - New Bandings only

Date	Number Banded 2014	Cumulative Banded 2014	Birds/Net Hour	Same Date 2013
7-04	45		.45	0
7-06		45		67
7-13		45		101
7-15	88	133	.70	101
7-16		133		101
7-24		133		148
8-01		133		218
8-02	17	150	.30	218
8-18		150		242
8-19		150		261
8-20	40	190	.23	275
8-21	48	238	.30	298
8-22	33	271	.21	304
8-23	15	286	.11	331
8-24	23	309	.18	342
8-25	11	320	.08	354
8-26	22	342	.17	367
8-27	32	374	.21	370
8-28	28	402	.20	385
8-29	11	413	.08	417
8-30	14	427	.10	439
8-31	21	448	.15	456
9-01	19	467	.14	477
9-02	15	482	.11	486
9-03	54	536	.34	501
9-04	44	580	.32	549
9-05	36	616	.26	582
9-06	43	659	.30	624
9-07	44	703	.29	673
9-08	40	743	.25	708
9-09	61	804	.36	736
9-10	50	854	.34	809
9-11	51	905	.32	900
9-12	91	996	.54	1089

**Black Swamp Bird Observatory
Navarre Banding Station
Fall 2014 Passerine Migration Monitoring
Latitude 413 Longitude 0830**

Date	Number Banded 2014	Cumulative Banded 2014	Birds/Net Hour	Same Date 2013
9-13	173	1169	1.18	1326
9-14	167	1336	.99	1478
9-15	189	1525	1.20	1668
9-16	182	1707	1.02	1732
9-17	178	1885	1.03	1816
9-18	120	2005	.70	1900
9-19	118	2123	.75	1935
9-20	112	2235	.67	1990
9-21	449	2684	2.73	2332
9-22	370	3054	2.20	2463
9-23	184	3238	1.04	2522
9-24	82	3320	.49	2573
9-25	56	3376	.35	2622
9-26	64	3440	.44	2659
9-27	54	3494	.36	2707
9-28	48	3542	.31	2755
9-29	97	3639	.59	2874
9-30	93	3732	.55	3212
10-01	82	3814	.47	Government
10-02	62	3876	.37	Shutdown
10-03	28	3904	.27	
10-04	263	4167	1.45	
10-05	229	4396	1.48	
10-06	131	4527	.81	
10-07	95	4622	.64	
10-08	130	4752	.70	
10-09	284	5036	1.58	
10-10	120	5156	.67	
10-11	140	5296	.83	
10-12	58	5354	.41	
10-13	82	5436	.49	
10-14	32	5468	.21	
10-15	55	5523	.33	
10-16	345	5868	1.91	
10-17	284	6152	1.40	3325
10-18	180	6332	.97	3377
10-19	164	6496	.90	3397
10-20	59	6555	.35	3458
10-21	40	6595	.26	3495
10-22	208	6803	1.23	3546
10-23	107	6910	.68	3706
10-24		6910		3754
10-25	63	6973	.48	3784
10-26		6973		3804
10-27		6973		3852

**Black Swamp Bird Observatory
Navarre Banding Station
Fall 2014 Passerine Migration Monitoring
Latitude 413 Longitude 0830**

Date	Number Banded 2014	Cumulative Banded 2014	Birds/Net Hour	Same Date 2013
10-28		6973		3852
10-29	41	7014	.38	3852
10-30				3879

Species summary, for the Navarre banding station, fall 2014. Includes first/last capture, peak capture, 2014 new banded total, and the 2013 total for the species.

Last date is only included if the species main migration has passed through the region. 2014 totals bold if surpassed year 2013 totals, blue if surpassed average, and red if record year.

Bird Movement: Light movement so far with little favorable winds. First real movement occurred on the 3rd with a major thrush arrival. Continued thrush movement through mid-September. First major front arriving evening of the 10th. Excellent movement in thrushes and warblers began on the 12th. Hugh movement began on the 21st. Largest capture of Blackpoll Warblers ever at the station. Migration winding down diversity wise in later part of October.

Updated last: 1 November

Species	First /Last Capture	Peak Capture	2014 Total	2013 Total	1990 - 2013		
					Total	- High	- Avg
American Woodcock	8/25-26	8/25-2	3	0	38	7	1
Mourning Dove					33	7	1
Sharp-shinned Hawk	10/22		1	0	13	2	<1
Cooper's Hawk	8/27		1	0	3	1	<1
Red-tailed Hawk					4	1	<1
Eastern Screech-Owl					5	2	<1
Yellow-billed Cuckoo	9/6-10/5		4	0	107	13	4
Black-billed Cuckoo				1	7	1	<1
Belted Kingfisher					4	2	<1
Hairy Woodpecker	10/18		1	1	5	1	<1
Downy Woodpecker	7/15	7/15-4	29	24	513	41	21
Yellow-bellied Sapsucker	10/9-10		2	4	129	19	5
Red-head Woodpecker					4	2	<1
Red-bellied Woodpecker					11	2	<1
Yellow-shafted Flicker	8/23-10/23	8/24-2	10	3	180	18	8
Whip-poor-will					1	1	<1
Ruby-throated Hummingbird	8/22-9/23	9/12-3	15	23	278	58	13

**Black Swamp Bird Observatory
Navarre Banding Station
Fall 2014 Passerine Migration Monitoring
Latitude 413 Longitude 0830**

Species	First /Last Capture	Peak Capture	2014 Total	2013 Total	1990 - 2013		
					Total	High	Avg
Eastern Kingbird					56	18	2
Great Crested Flycatcher	9/4-5		2	2	33	9	1
Eastern Phoebe	8/23-10/20	9/17-3	15	5	580	54	24
Olive-sided Flycatcher					5	1	<1
Eastern Wood-Pewee	8/22-10/10	9/13-3	26	18	336	26	14
Yellow-bellied Flycatcher	8/21-10/16	9/13-5	43	37	461	38	19
Acadian Flycatcher					18	2	<1
Traill's Flycatcher	8/22-9/17		5	4	144	18	6
Least Flycatcher	8/22-10/10	8/22-4	10	3	176	15	7
Blue Jay	8/20-10/21		7	2	122	19	5
European Starling					5	5	<1
Red-winged Blackbird	7/4-10/23	7/4-5	16	10	753	134	31
Orchard Oriole					14	8	<1
Baltimore Oriole	7/4	8/21-11	13	2	513	86	21
Rusty Blackbird	10/8-29	10/14-3	17	3	222	47	9
Common Grackle	7/4-10/20	10/11-15	82	33	948	116	40
Purple Finch	9/18-10/29	10/16-8	31	0	280	79	12
House Finch					404	148	17
American Goldfinch	7/4-10/19	7/4-2	7	0	530	191	22
Pine Siskin	10/20-29		2	0	1	1	<1
Savanna Sparrow					4	1	<1
Grasshopper Sparrow					1	1	<1
Nelson's Sparrow	10/8		1	0	2	1	<1
White-crowned Sparrow	10/14-23	10/18-4	11	0	262	27	11
Gambel's White-crowned Sparrow					4	2	<1
White-throated Sparrow	7/15-10/29	10/16-47	461	116	8608	1119	359
American Tree Sparrow	10/23		1	0	26	8	1
Chipping Sparrow					26	4	1
Field Sparrow	10/22		1	1	70	7	3
Slate-colored Junco	10/4-29	10/22-13	44	8	701	78	29
Song Sparrow	7/4	10/10-6	57	44	1302	140	54
Lincoln Sparrow	9/16-10/16	10/11-3	12	4	298	42	12
Swamp Sparrow	9/20-10/29	10/9-10	96	13	1605	239	67
Fox Sparrow	10/9-29	10/16-3	17	8	323	43	13
Eastern Towhee	10/14-17		2	0	23	4	<1
Northern Cardinal	7/4	8/20-6	62	29	1089	75	45
Rose-breasted Grosbeak	9/3-10/14	9/22-4	28	2	192	21	8
Indigo Bunting	8/30-10/9		6	4	321	58	13
Dickcissel					1	1	<1
Scarlet Tanager	10/2		1	2	45	6	2
Purple Martin					1	1	<1
Barn Swallow					14	8	<1
Tree Swallow					5	4	<1
Cedar Waxwing	9/2-10/18	10/8-9	30	0	507	78	21
Northern Shrike					1	1	<1
Red-eyed Vireo	8/21-10/10	9/15-9	65	52	1560	103	65
Philadelphia Vireo	8/30-10/9		7	4	324	24	14

**Black Swamp Bird Observatory
Navarre Banding Station
Fall 2014 Passerine Migration Monitoring
Latitude 413 Longitude 0830**

Species	First /Last Capture	Peak Capture	2014 Total	2013 Total	1990 - 2013		
					Total	High	Avg
Warbling Vireo	7/15-10/4	7/15-2	17	10	1243	132	52
Yellow-throated Vireo					19	3	<1
Blue-headed Vireo	9/13-10/21	9/23-2	11	1	263	28	11
White-eyed Vireo					24	4	1
Black-and-white Warbler	7/15-10/9	9/18-3	35	34	560	45	23
Prothonotary Warbler	7/15-9/10	8/2-2	13	7	167	15	7
Worm-eating Warbler					2	1	<1
Blue-winged Warbler					15	2	<1
Brewster's Warbler				1	1	1	<1
Golden-winged Warbler	9/20-25		2	1	18	3	<1
Nashville Warbler	9/12-10/20	9/15-8	60	33	961	87	40
Orange-crowned Warbler	10/10-20	10/10-2	4	2	117	13	5
Tennessee Warbler	8/31-10/18	9/22-19	165	232	1775	232	74
Northern Parula	9/22-10/8		3	1	51	8	2
Cape May Warbler	8/20-10/29	10/4-28	112	126	2537	428	106
Yellow Warbler	7/4-9/14	7/15-26	44	75	1552	207	65
Black-throated Blue Warbler	8/30-10/22	9/16-6	52	39	1046	92	44
Myrtle Warbler	9/22-10/29	10/9-47	249	66	7672	1658	320
Audubon's Warbler				1	1	1	<1
Magnolia Warbler	8/21-10/16	9/13-43	176	102	3762	266	157
Cerulean Warbler					1	1	<1
Chestnut-sided Warbler	9/5-21	9/13-4	10	32	448	38	19
Bay-breasted Warbler	8/27-10/9	9/13-16	53	26	629	57	26
Blackpoll Warbler	9/4-10/25	9/21-343	1464	837	11834	1169	493
Blackburnian Warbler	8/20-9/22	9/12-2	7	6	117	11	5
Black-throated Green Warbler	9/9-10/18	9/13-4	15	7	296	30	12
Pine Warbler	10/4-5	10/4-2	3	0	12	4	<1
Western Palm Warbler	10/4-18	10/4-10	16	1	265	54	11
Yellow Palm Warbler					6	6	<1
Prairie Warbler	9/22		1	0	0	0	0
Ovenbird	8/26-10/10	9/16-6	79	69	1863	130	77
Northern Waterthrush	8/21-10/20	8/27-4	58	59	667	59	28
Kentucky Warbler					2	1	<1
Connecticut Warbler	9/2-10/5	9/16-3	13	5	192	20	8
Mourning Warbler	8/22-9/26	8/26-2	9	8	274	20	11
Common Yellowthroat	7/4-10/17	9/15-10	114	82	4114	458	171
Yellow-breasted Chat				1	23	4	<1
Hooded Warbler					6	1	<1
Wilson's Warbler	8/26-10/9	9/13-9	28	16	500	62	21
Canada Warbler	8/20-9/23	8/23-2	10	12	214	17	9
American Redstart	8/27-10/21	9/22-9	89	70	1876	158	78
Gray Catbird	7/4-10/19	7/15-37	433	274	6446	452	269
Brown Thrasher	9/19-10/6		6	3	140	13	6
Carolina Wren	7/4-9/10	7/4-2	7	21	365	30	15
House Wren	7/4-10/20	9/15-4	42	32	1545	153	64
Winter Wren	9/26-10/29	10/13-6	74	35	1469	158	61
Marsh Wren	10/8		1	1	68	9	3

**Black Swamp Bird Observatory
Navarre Banding Station
Fall 2014 Passerine Migration Monitoring
Latitude 413 Longitude 0830**

Species	First /Last Capture	Peak Capture	2014 Total	2013 Total	1990 - 2013		
					Total	High	Avg
Brown Creeper	9/26-10/25	10/22-11	66	42	1443	119	60
White-breasted Nuthatch	7/15-10/15		5	2	17	3	<1
Red-breasted Nuthatch	9/20		1	3	314	91	13
Tufted Titmouse	9/13		1	0	82	12	3
Black-capped Chickadee	7/4	8/21-2	10	0	104	13	4
Golden-crowned Kinglet	9/30-10/29	10/16-126	445	186	5823	787	243
Ruby-crowned Kinglet	9/14-10/29	10/16-67	262	102	5024	627	209
Wood Thrush	9/6-10/14	10/9-3	14	3	143	14	6
Veery	8/23-9/23	8/28-5	21	17	521	40	22
Gray-cheeked Thrush	9/3-10/11	9/18-36	343	208	4272	344	178
Bicknell's Thrush					2	1	<1
Swainson's Thrush	7/4-10/22	9/14-50	717	407	11556	895	482
Hermit Thrush	8/27-10/29	10/19-47	356	92	4297	361	179
American Robin	7/4-10/29	10/11-16	54	19	1395	138	58
TOTAL			7,014	3,879	114,441	7,232	4,768