

**Black Swamp Bird Observatory  
Navarre, Ottawa NWR Banding Station  
Spring 2023**

The 32<sup>nd</sup> spring season began daily 3 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.

Due to Covid-19 the station was not run in 2020 and 2021.

Spring 2023 Banding - New Bandings only

<b>Date</b>	<b>Number Banded 2023</b>	<b>Accumulative Banded 2023</b>	<b>Birds/Net Hour</b>	<b>Same Date 2022</b>
4-3	<b>124</b>		<b>1.16</b>	0
4-4	93	217	0.91	0
4-5		217		<b>143</b>
4-6	65	282	0.69	143
4-7	56	338	0.57	214
4-8		338		242
4-9	67	405	0.68	242
4-10	55	460	0.53	275
4-11	55	515	0.50	357
4-12	31	546	0.28	433
4-13	32	578	0.29	471
4-14	47	625	0.44	471
4-15	59	684	0.55	523
4-16	67	751	0.62	548
4-17	RAIN	751		571
4-18	RAIN	751		571
4-19	57	808	0.50	583
4-20	59	867	0.54	599
4-21	99	966	0.97	599
4-22	67	1033	0.92	663
4-23	66	1099	0.57	759
4-24	33	1132	0.29	<b>912</b>
4-25	27	1159	0.28	912
4-26	54	1213	0.47	<b>1190</b>
4-27	17	1230	0.16	<b>1339</b>
4-28	RAIN	1257		1369
4-29	27	1257	0.36	1403
4-30	RAIN	1257		1420
5-01	<b>285</b>	1542	<b>2.44</b>	<b>1719</b>
5-02	RAIN	1542		<b>2061</b>
5-03	RAIN	1542		2061
5-04	72	1614	0.70	2061
5-05	<b>193</b>	1807	<b>1.55</b>	2112
5-06	<b>153</b>	1960	<b>1.19</b>	2112
5-07	RAIN	1960		2112
5-08	<b>142</b>	2102	<b>1.07</b>	2176
5-09	70	2172	0.55	<b>2341</b>
5-10	<b>101</b>	2273	0.77	<b>2973</b>
5-11	<b>253</b>	2526	<b>1.94</b>	<b>3501</b>
5-12	<b>382</b>	2908	<b>2.81</b>	<b>3740</b>
5-13	<b>137</b>	3045	<b>1.28</b>	3740
5-14	49	3094	0.40	3740
5-15	37	3131	0.29	3740
5-16	<b>342</b>	3473	<b>2.20</b>	3740

Date	Number Banded 2023	Accumulative Banded 2023	Birds/Net Hour	Same Date 2022
5-17	62	3535	0.49	3750
5-18	75	3610	0.54	3828
5-19	<b>356</b>	3966	<b>2.51</b>	<b>4140</b>
5-20	<b>316</b>	4282	<b>2.62</b>	<b>4358</b>
5-21	<b>187</b>	4469	<b>1.36</b>	<b>4577</b>
5-22	<b>125</b>	4594	0.91	4577
5-23	<b>117</b>	4711	0.86	<b>4834</b>
5-24	<b>192</b>	4903	<b>1.39</b>	4923
5-25	WIND	4903		<b>5037</b>
5-26	87	4990	0.68	<b>5164</b>
5-27	77	5067	0.58	<b>5303</b>
5-28	66	5133	0.51	5385
5-29	62	5196	0.45	<b>5532</b>
5-30	<b>100</b>	5296	0.75	5596
5-31	<b>126</b>	5422	0.95	5672
6-01	<b>147</b>	5569	<b>1.10</b>	5742
6-02	38	5607	0.30	5767
6-03	40	5647	0.31	5783

**Bird Movement:**

**Returns:** Each year we recover 200-300 banded birds returning from previous years. Returns so far for 2023:

Species summary for the Navarre banding station, spring 2023. Includes first/last capture, peak capture, 2023 new banded total, 2022 total for the species, and the total, high year and average for 1989-2022. 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.

2023 totals bold if surpassed year 2022 totals, blue if surpassed average, and red if record year

**Updated last: June 3**

Species	First /Last Capture	Peak Capture	2023 Total	2022 Total	1989 – 2022 (no 20-21) Total - High - Ave		
Green Heron					10	5	<1
Virginia Rail					1	1	<1
Sora	4/23		<b>1</b>	0	8	3	<1
American Woodcock					17	3	<1
Solitary Sandpiper	5/8		<b>1</b>	0	2	1	<1
Mourning Dove	4/20		<b>1</b>	0	20	4	<1
Sharp-shinned Hawk	4/6-5/1		<b>3</b>	2	111	12	4
Cooper’s Hawk					5	1	<1
Red-tailed Hawk					1	1	<1
American Kestrel					19	3	<1
Northern Saw-whet Owl					1	1	<1
Eastern Screech-Owl	5/11		<b>2</b>	0	7	2	<1
Yellow-billed Cuckoo	6/2		1	2	66	6	2

Species	First /Last Capture	Peak Capture	2023 Total	2022 Total	1989 – 2022 (no 20-21)		
					Total	High	Ave
Black-billed Cuckoo	5/16-24		2	9	108	9	3
Belted Kingfisher					3	2	<1
Hairy Woodpecker	4/6		3	1	21	5	<1
Downy Woodpecker	4/6	4/9-2	9	4	155	10	5
Yellow-bellied Sapsucker	4/4-14		3	2	99	11	3
Red-headed Woodpecker					7	1	<1
Red-bellied Woodpecker	5/8		3	3	37	5	1
Yellow-shafted Flicker	4/3	4/10-4	21	11	177	16	6
Chuck-will's-widow					1	1	<1
Whip-poor-will	5/12		1	0	30	3	<1
Common Nighthawk					1	1	<1
Chimney Swift					1	1	<1
Ruby-throated Hummingbird	5/8-6/3	5/8-3	25	32	1388	115	51
Eastern Kingbird	5/12-31	5/21-3	8	6	159	12	5
Great Crested Flycatcher	5/8-6/1	5/16-7	13	24	705	44	22
Eastern Phoebe	4/3-5/6	4/3-5	18	14	171	27	5
Olive-sided Flycatcher	5/24		1	2	58	7	2
Eastern Wood Pewee	5/15	5/16-5	27	35	1047	53	33
Yellow-bellied Flycatcher	5/12-6/3	6/1-19	54	140	3637	216	114
Acadian Flycatcher	5/19-6/3	6/1-3	5	25	869	125	27
Trail's Flycatcher	5/12	6/1-19	122	335	9754	648	305
Least Flycatcher	5/5-6/3	5/6-7	61	74	3125	186	98
Dusky Flycatcher					1	1	<1
Blue Jay	4/10	5/10-4	15	71	1572	205	49
Brown-headed Cowbird	4/13	4/22-4	19	17	70	27	2
Red-winged Blackbird	4/3	5/27-21	172	141	4527	301	141
Orchard Oriole	5/30-31		2	0	50	4	2
Baltimore Oriole	5/6	5/12-4	16	8	1116	72	35
Rusty Blackbird	4/10-5/8		5	21	157	21	5
Common Grackle	4/7	5/27-6	45	15	585	50	18
Purple Finch	5/1	5/1-2	2	0	48	15	2
House Finch					30	8	<1
American Goldfinch	4/16-6/1	5/4-2	10	8	1747	192	55
Pine Siskin					3	1	<1
Vesper Sparrow					1	1	<1
Savanna Sparrow					12	2	<1
Grasshopper Sparrow					5	2	<1
Henslow's Sparrow					4	1	<1
Nelson's Sparrow					1	1	<1
LeConte's Sparrow					1	1	<1
Harris Sparrow					1	1	<1
White-crowned Sparrow	5/5-20	5/5-3	12	12	1457	86	46
White-crowned Sparrow Gambel's					25	4	<1
White-throated Sparrow	4/3-5/20	5/5-70	461	324	15780	756	493
American Tree Sparrow	4/3-12	4/3-13	47	49	181	49	6
Chipping Sparrow	4/11-5/10		2	1	118	12	4
Clay-colored Sparrow					9	2	<1
Field Sparrow	4/3-5/26		7	8	309	27	10
Slate-colored Junco	4/3-15	4/3-8	22	15	521	87	16
Song Sparrow	4/3	4/3-17	91	60	1511	112	47

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					Total	High	Ave
Lincoln's Sparrow	5/4-6/3	5/19-10	86	39	2945	196	92
Swamp Sparrow	4/3	4/22-10	94	102	5554	384	174
Fox Sparrow	4/3-13	4/3-21	70	61	579	87	18
Eastern Towhee	4/21-27		3	3	109	10	3
Spotted Towhee					1	1	<1
Northern Cardinal	4/3	5/9-4	56	59	1333	72	42
Rose-breasted Grosbeak	5/6-16	5/12-3	8	13	753	106	24
Blue Grosbeak					1	1	<1
Indigo Bunting	5/12-6/2	5/19-13	45	41	2793	165	87
Scarlet Tanager	5/11-12		2	3	204	17	6
Summer Tanager	5/19		1	0	21	3	<1
Purple Martin					2	2	<1
Barn Swallow					14	5	<1
Tree Swallow	4/9	4/10-5	51	29	540	34	17
N. Rough-winged Swallow					5	2	<1
Cedar Waxwing	5/24-31	5/24-5	11	5	1294	198	40
Loggerhead Shrike					1	1	<1
Red-eyed Vireo	5/6	5/19-25	90	119	5408	385	169
Philadelphia Vireo	5/17-29	5/19-7	32	16	778	59	24
Warbling Vireo	5/8	5/12-4	19	18	813	54	25
Yellow-throated Vireo				1	58	8	2
Blue-headed Vireo	5/5-16	5/5-6	11	12	710	53	22
White-eyed Vireo	5/5		1	15	367	23	11
Black-and-white Warbler	4/29-6/1	5/12-7	36	74	2993	359	94
Hybrid warbler					3	1	<1
Prothonotary Warbler	5/8	5/12-5	16	13	271	18	8
Swainson's Warbler					2	1	<1
Worm-eating Warbler				1	36	5	1
Blue-winged Warbler	5/5-16		5	11	529	31	17
"Brewster's Warbler"					20	3	<1
"Lawrence's Warbler"					2	1	<1
Golden-winged Warbler	5/11-20		3	2	120	11	4
Nashville Warbler	5/5-26	5/12-9	37	48	6456	432	201
Orange-crowned Warbler	4/21-5/18	4/22-3	11	7	343	27	11
Tennessee Warbler	5/11-23	5/12-20	49	35	3637	268	114
Northern Parula	5/6-26	5/16-11	37	15	512	59	16
Cape May Warbler	5/16-21	5/19-2	5	14	997	83	31
Yellow Warbler	4/22	5/12-30	191	265	12483	563	390
Black-throated Blue Warbler	5/5-6/1	5/16-13	75	59	1676	131	52
Myrtle Warbler	4/3-5/21	5/1-176	294	425	17235	1412	539
Magnolia Warbler	5/6-6/2	5/12-63	349	497	19444	1282	608
Cerulean Warbler				2	51	6	2
Chestnut-sided Warbler	5/10-6/3	5/21-21	91	127	4514	231	141
Bay-breasted Warbler	5/11-28	5/12-15	61	102	2010	137	63
Blackpoll Warbler	5/12-6/3	5/19-3	25	42	2222	176	69
Blackburnian Warbler	5/11-6/1	5/19-6	20	41	1042	70	33
Yellow-throated Warbler					5	1	<1
Black-throated Green Warbler	5/1-6/3	5/16-5	12	39	1971	119	62
Kirtland Warbler					3	1	<1
Pine Warbler				1	57	9	2

Species	First /Last Capture	Peak Capture	2023 Total	2022 Total	1989 – 2022 (no 20-21)		
					Total	High	Ave
Western Palm Warbler	4/19-5/21	5/1-16	49	184	4966	464	155
Yellow Palm Warbler					48	6	2
Prairie Warbler				1	29	3	<1
Ovenbird	4/19-6/1	5/12-10	75	40	4113	262	129
Northern Waterthrush	4/20-6/3	5/8-4	46	34	2884	172	90
Louisiana Waterthrush	4/15		1	2	46	6	1
Kentucky Warbler					53	7	2
Connecticut Warbler	5/16-31		5	8	239	11	7
Mourning Warbler	5/11-6/2	5/24-13	70	54	3125	152	98
Common Yellowthroat	4/10	5/16-17	179	207	9876	534	309
Yellow-breasted Chat	5/11-12		2	2	225	21	7
Hooded Warbler	5/11	5/12-2	3	3	247	18	8
Wilson's Warbler	5/11-6/3	5/20-19	63	58	6065	328	190
Canada Warbler	5/12-6/3	5/20-11	86	67	3802	220	119
American Redstart	5/8-6/3	5/16-63	328	237	9021	517	282
Northern Mockingbird					1	1	<1
Gray Catbird	4/22	5/11-61	468	297	13144	571	411
Brown Thrasher	4/4	4/10	21	25	483	25	15
Carolina Wren	4/4		2	4	117	9	4
House Wren	4/19	5/5-11	88	90	3017	138	94
Winter Wren	4/3-29	4/4-4	18	8	512	55	16
Marsh Wren					32	4	1
Brown Creeper	4/3-26	4/4-17	60	46	892	99	28
White-breasted Nuthatch					13	2	<1
Red-breasted Nuthatch	4/20-5/6	5/6-3	11	2	209	41	7
Black-capped Chickadee	4/6		2	0	54	7	2
Golden-crowned Kinglet	4/3-16	4/3-23	74	122	1976	294	62
Ruby-crowned Kinglet	4/3-5/24	5/1-23	237	137	6839	398	214
Blue-gray Gnatcatcher	4/7-5/22	5/1-4	18	45	1520	130	48
Wood Thrush	5/6-31	5/6-4	13	11	902	59	28
Veery	5/5-6/1	5/11-7	44	35	2437	127	76
Gray-cheeked Thrush	5/8-6/3	5/19-4	17	21	1184	116	37
Swainson's Thrush	5/11-6/3	5/19-37	200	159	7800	476	244
Hermit Thrush	4/3-5/11	5/1-21	211	91	4458	262	139
American Robin	4/3	4/3-3	42	13	688	37	22
Eastern Bluebird				1	16	2	<1
<b>TOTAL</b>			5,647	5,783	245,227	10,360	7,663