

**Black Swamp Bird Observatory
Navarre, Ottawa NWR Banding Station
Spring 2019**

The 31st 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 2019 Banding - New Bandings only

Date	Number Banded 2019	Accumulative Banded 2019	Birds/Net Hour	Same Date 2018
4-10				85
4-11				121
4-12	42		0.91	185
4-13	83	125	0.75	310
4-14	RAIN	125		310
4-15	15	140	0.52	310
4-16	48	188	0.48	405
4-17	38	226	0.36	405
4-18	73	299	1.41	535
4-19	RAIN	299		535
4-20	RAIN	299		625
4-21	78	377	0.72	693
4-22	41	418	0.34	737
4-23	126	544	1.13	774
4-24	32	576	0.27	789
4-25	40	616	0.34	789
4-26	RAIN	616		831
4-27	39	655	0.34	991
4-28	RAIN	653		991
4-29	21	676	0.26	1106
4-30	51	727	0.44	1184
5-01	124	851	0.99	1560
5-02	225	1076	1.59	2057
5-03	488	1564	4.71	2057
5-04	291	1855	3.17	2243
5-05	142	1997	1.16	2523
5-06	214	2211	1.78	2919
5-07	88	2299	0.70	3156
5-08	82	2381	0.69	3253
5-09	232	2613	2.09	3737
5-10	222	2835	1.66	4106
5-11	120	2955	0.87	4288
5-12	RAIN	2955		4288
5-13	RAIN	2955		4288
5-14	201	3156	1.40	4522
5-15	320	3476	2.42	4535
5-16	347	3823	2.48	4831
5-17	203	4026	1.51	4965
5-18	99	4125	1.12	4965
5-19	348	4473	2.60	5203
5-20	255	4728	1.92	5484
5-21	151	4879	1.18	5677
5-22	2	4881	0.17	5876
5-23	303	5184	2.88	6033
5-24	194	5378	1.25	6155
5-25	306	5684	2.13	6290

Date	Number Banded 2019	Accumulative Banded 2019	Birds/Net Hour	Same Date 2018
5-26	40	2724	0.99	6457
5-27	84	5808	0.64	6581
5-28	143	5951	1.04	6664
5-29	65	6016	0.83	6750
5-30	52	6068	0.41	6774
5-31	40	6108	0.29	6852
6-01	58	6166	0.46	6852
6-02	56	6222	0.43	6852
6-03	30	6252	0.22	6852
6-04	43	6295	0.34	6852

Bird Movement:

Returns: Each year we recover 200-300 banded birds returning from previous years. Returns so far for 2019:

Species summary for the Navarre banding station, spring 2019. Includes first/last capture, peak capture, 2019 new banded total, 2018 total for the species, and the total, high year and average for 1989-2018. 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.

2019 totals bold if surpassed year 2018 totals, blue if surpassed average, and red if record year

Updated last: 4 June

Species	First /Last Capture	Peak Capture	2019 Total	2018 Total	1989 - 2018		
					Total	High	Ave
Green Heron	5/14	5/14-2	2	1	8	5	<1
Virginia Rail					1	1	<1
Sora				2	8	3	<1
American Woodcock	4/21		1	1	16	3	<1
Solitary Sandpiper					2	1	<1
Mourning Dove	5/2		1	1	18	4	<1
Sharp-shinned Hawk	4/21-5/2		2	1	107	12	4
Cooper's Hawk					5	1	<1
Red-tailed Hawk					1	1	<1
American Kestrel	4/15		1	1	18	3	<1
Northern Saw-whet Owl					1	1	<1
Eastern Screech-Owl					7	2	<1
Yellow-billed Cuckoo	5/9		1	3	63	6	2
Black-billed Cuckoo	5/19-6/1		2	1	97	7	3
Belted Kingfisher				2	3	2	<1
Hairy Woodpecker				1	20	5	<1
Downy Woodpecker	4/16		5	6	146	10	5
Yellow-bellied Sapsucker	4/25-5/3	5/3-2	3	3	94	11	3
Red-headed Woodpecker					7	1	<1

Species	First /Last Capture	Peak Capture	2019 Total	2018 Total	1989 – 2018		
					Total	High	Ave
Red-bellied Woodpecker	5/8		3	1	31	5	1
Yellow-shafted Flicker	4/16		4	12	162	16	5
Chuck-will's-widow					1	1	<1
Whip-poor-will				1	30	3	1
Common Nighthawk					1	1	<1
Chimney Swift					1	1	<1
Ruby-throated Hummingbird	5/1	5/9-3	27	9	1329	115	53
Eastern Kingbird	5/10-6/4		5	2	148	12	5
Great Crested Flycatcher	4/30-6/4	5/19-3	20	26	661	44	22
Eastern Phoebe	4/12-22	4/18-2	5	27	152	27	5
Olive-sided Flycatcher	5/23-6/2		2	0	54	7	2
Eastern Wood Pewee	5/16	5/23-15	52	31	960	53	32
Yellow-bellied Flycatcher	5/15-6/4	5/25-38	152	95	3345	216	112
Acadian Flycatcher	5/19-6/4	5/25-6	16	10	828	125	28
Traill's Flycatcher	5/9	5/25-106	465	264	8954	648	198
Least Flycatcher	4/30-5/26	5/20-11	76	66	2975	186	99
Dusky Flycatcher					1	1	<1
Blue Jay	4/17	5/1-12	36	11	1465	205	49
Brown-headed Cowbird	4/16	4/13-3	27	8	26	15	<1
Red-winged Blackbird	4/16	5/27-13	185	115	4201	301	140
Orchard Oriole				2	50	4	2
Baltimore Oriole	5/3	5/16-5	19	42	1089	72	36
Rusty Blackbird	4/13-5/4	4/13-3	4	4	132	19	4
Common Grackle	4/13	4/16-2	17	22	553	50	18
Purple Finch	5/1	5/1-2	2	0	46	15	2
House Finch					30	8	1
American Goldfinch	4/23	5/23-4	12	18	1727	192	58
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	5/19		1	0	0	0	<1
LeConte's Sparrow					1	1	<1
Harris Sparrow					1	1	<1
White-crowned Sparrow	4/30	5/3-2	9	15	1436	86	48
White-crowned Sparrow Gambel's					25	4	<1
White-throated Sparrow	4/12-6/1	5/3-95	354	301	15091	756	503
American Tree Sparrow	4/12		1	8	131	21	4
Chipping Sparrow					117	12	4
Clay-colored Sparrow	5/3-15		2	0	7	1	<1
Field Sparrow	4/23-5/28		3	3	298	27	10
Slate-colored Junco	4/13		1	11	505	87	17
Song Sparrow	4/12	4/12-2	21	78	1430	112	48
Lincoln's Sparrow	5/3-25	5/15-11	46	78	2906	196	97
Swamp Sparrow	4/12-5/20	5/3-17	74	68	5378	384	179
Fox Sparrow	4/13-21	4/13-2	3	87	515	87	17
Eastern Towhee	4/12-30		2	0	104	10	3
Spotted Towhee					1	1	<1
Northern Cardinal	4/12	4/17-4	59	52	1215	72	41

Species	First /Last Capture	Peak Capture	2019 Total	2018 Total	1989 – 2018		
					Total	High	Ave
Rose-breasted Grosbeak	5/1-16	5/3-5	16	4	724	106	24
Blue Grosbeak					1	1	<1
Indigo Bunting	5/3-6/4	5/6-7	33	37	2719	165	91
Scarlet Tanager	4/23-5/18		4	1	197	17	7
Summer Tanager	4/23		1	0	20	3	<1
Purple Martin					2	2	<1
Barn Swallow					14	5	<1
Tree Swallow	4/22	5/10-4	25	19	486	34	16
N. Rough-winged Swallow					5	2	<1
Cedar Waxwing	5/15	5/15-3	11	34	1278	198	43
Loggerhead Shrike					1	1	<1
Red-eyed Vireo	5/1	5/19-23	85	53	5204	385	173
Philadelphia Vireo	5/9-29	5/19-4	12	6	750	59	25
Warbling Vireo	4/23	5/8-6	41	30	754	54	25
Yellow-throated Vireo	5/14-28		2	1	55	8	2
Blue-headed Vireo	4/23-5/16	5/3-6	27	18	671	53	22
White-eyed Vireo	4/13-5/14		5	5	347	23	12
Black-and-white Warbler	4/21-5/21	5/3-6	50	66	2869	359	96
Hybrid warbler					3	1	<1
Prothonotary Warbler	5/4	5/16-3	18	17	240	17	8
Swainson's Warbler					2	1	<1
Worm-eating Warbler	5/6		1	1	34	5	1
Blue-winged Warbler	5/2-16	5/3-4	11	17	507	31	17
"Brewster's Warbler"	5/9-16		2	0	18	3	<1
"Lawrence's Warbler"				1	2	1	<1
Golden-winged Warbler	5/16		1	3	117	11	4
Nashville Warbler	5/1-6/2	5/6-13	87	296	6321	432	211
Orange-crowned Warbler	4/13-5/17	4/21-3	10	8	326	27	11
Tennessee Warbler	5/6-25	5/16-9	47	121	3555	268	119
Northern Parula	4/23-5/27	5/15-6	28	27	469	59	16
Cape May Warbler	5/1-20	5/6-3	22	32	961	83	32
Yellow Warbler	4/23	5/3-60	537	557	11681	563	389
Black-throated Blue Warbler	5/3-23	5/15-9	48	43	1569	131	52
Myrtle Warbler	4/13-5/21	5/3-55	240	420	16570	1412	552
Magnolia Warbler	5/3-6/4	5/15-40	333	455	18614	1282	620
Cerulean Warbler				1	49	6	2
Chestnut-sided Warbler	5/6-6/4	5/23-11	73	90	4314	231	144
Bay-breasted Warbler	5/9-28	5/20-13	49	42	1859	137	62
Blackpoll Warbler	5/14-6/3	5/20-7	44	37	2136	176	71
Blackburnian Warbler	5/7-29	5/24-3	18	53	983	70	33
Yellow-throated Warbler					5	1	<1
Black-throated Green Warbler	5/2-24	5/3-2	23	61	1909	119	64
Kirtland Warbler					3	1	<1
Pine Warbler				6	56	9	2
Western Palm Warbler	4/23-5/27	5/3-30	122	177	4660	464	155
Yellow Palm Warbler					48	6	2
Prairie Warbler	4/18		1	0	27	3	<1
Ovenbird	4/23-6/2	5/3-8	38	80	4035	262	135
Northern Waterthrush	4/21-6/4	5/3-7	58	69	2792	172	93
Louisiana Waterthrush	4/16-18		2	1	42	6	1

Species	First /Last Capture	Peak Capture	2019 Total	2018 Total	1989 – 2018		
					Total	High	Ave
Kentucky Warbler					53	7	2
Connecticut Warbler	5/19-6/2		4	7	227	11	8
Mourning Warbler	5/15-6/4	5/25-10	55	82	3016	152	101
Common Yellowthroat	4/27	5/18-28	281	329	9388	534	313
Yellow-breasted Chat	5/3-6		2	2	221	21	7
Hooded Warbler	4/23-5/19	5/11-2	6	4	238	18	8
Wilson's Warbler	5/10-6/4	5/24-25	112	151	5895	328	197
Canada Warbler	5/9-6/4	5/19-11	77	81	3658	220	122
American Redstart	5/3-6/4	5/15-43	273	263	8511	517	284
Northern Mockingbird					1	1	<1
Gray Catbird	4/25	5/19-47	482	314	12265	571	409
Brown Thrasher	4/12	4/21-2	15	11	443	21	15
Carolina Wren				2	113	9	4
House Wren	4/13	5/4-19	112	79	2815	138	94
Winter Wren	4/18-5/4		4	24	500	55	17
Marsh Wren	5/2-19		4	0	28	3	<1
Brown Creeper	4/12-21	4/13-9	23	80	823	99	27
White-breasted Nuthatch	4/24		1	2	12	2	<1
Red-breasted Nuthatch	4/13-5/18	4/23-4	28	1	179	41	6
Black-capped Chickadee	4/27		1	3	53	7	2
Golden-crowned Kinglet	4/12-5/6	4/13-6	22	266	1832	294	61
Ruby-crowned Kinglet	4/12-5/21	5/4-86	398	264	6304	342	210
Blue-gray Gnatcatcher	4/12-5/21	4/21-19	96	22	1379	130	46
Wood Thrush	5/2-16	5/9-4	14	13	877	59	29
Veery	5/1-6/2	5/3-5	38	45	2364	127	79
Gray-cheeked Thrush	5/9-28	5/18-7	31	47	1132	116	38
Swainson's Thrush	4/23-6/4	5/19-73	207	316	7434	476	248
Hermit Thrush	4/12-5/15	5/3-27	136	136	4231	262	141
American Robin	4/12	4/12-3	20	29	655	37	22
Eastern Bluebird					15	2	<1
TOTAL			6,295	6,852	233,038	10,360	7,768