

**Spring 2014 Metro Beach Bird Banding Summary
Lake St. Clair Metropark, Macomb County, Michigan**



**Allen Chartier
Banding Permit No. 23156**

INTRODUCTION

The spring of 2014 was the 11th year of a renewed banding study to be compared with the previous ten year study conducted (in spring) from 1990-1999 by Ellie Cox. Net lanes required little clearing this spring, as is normal, and the same locations in use since last spring were used again (see the Spring 2008 report for all net locations and names). Early season banding was accompanied by ice in the banding area, and lingering piles of snow on the Lake St. Clair shoreline! Three four-panel nets were used at the Field Nets this spring, an increase of 0.25 nets from previous seasons. A thistle sock feeder was placed inside the “U” of the Field Nets beginning with the first banding day in April, and hummingbird feeders were placed near the Field Edge net beginning with the first banding day in May with an empty decoy feeder on the opposite side on banding days. Both were left in place until the last banding day of the spring.

Phragmites has mostly been eliminated from the banding area, but some patches still remain that may have to be treated in the future. Purple Loosestrife is also making a strong comeback, after being mostly eliminated for the past few years. Volunteers have pulled a lot of it from areas in public view along the new boardwalk, but there is a lot more out of view in the banding area. The long, cold, snowy winter affected the banding area well into April, with ice in the swamp, and much delayed greening of the vegetation, which may have been a factor in the low number of birds and species captured this spring. This spring was wetter than normal, and this was reflected by the greater than normal number of shorebirds and marsh birds banded. A few White-tailed Deer were in evidence in the banding area, though not as many as in some recent years, and no nets were damaged by them.

SPRING 2014 RESULTS

Banding was conducted on 16 days between 5 April and 6 June, with nets open a total of 111.75 hours (1417 net hours). A total of 654 new birds of 59 species were banded, plus 259 recaptures (including 196 captures of 138 returnees from previous years) and 33 released unbanded, for a total of 946 captures and a capture rate of 66.8 birds per 100 net hours. This is the 8th highest number of birds banded here in a spring season since 2004, below the 10-year average of 705. Species diversity was the lowest since 1999. The number of days of coverage was about average, and the number of net hours was the highest ever at the site, but with the capture rate (birds per 100 net hours) the 2nd lowest since 2004. A breakdown of numbers banded by taxonomic grouping is shown in Figure 1 below, and details of capture data comparing all years from 2004 to present is shown in Table 1 below. In addition, a preliminary comparison is made with the previous 10-year period (1990-1999), though data for that period has only been verified for 1990, 1991, and 1992.

Thrush numbers were very low and warbler numbers were low. Sparrow numbers were about the same overall, but good numbers of Song and Swamp Sparrows offset the almost complete lack (and record low) number of White-throated Sparrows. Over-wintering species and early migrants, including Eastern Phoebe, Winter Wren, Brown Creeper, Golden-crowned Kinglet, Hermit Thrush, Fox Sparrow, Dark-eyed Junco, and American Tree Sparrow, were all still present in the banding area during early April, as the arrival of spring was late compared with the recent past, and even later than last year. Very few late migrants were banded this spring. The peak day for captures was 9 May with only 69 birds banded (plus 31 recaptures and 3 released unbanded). The most diverse days were 17 May with 25 species and 22 May with 24 species. A number of species were banded in very low numbers, including some thrushes, warblers, and most especially White-throated Sparrows. These are shown in red text in Table 4 below.

Figure 1. Percentages of bird families banded during Spring 2014.

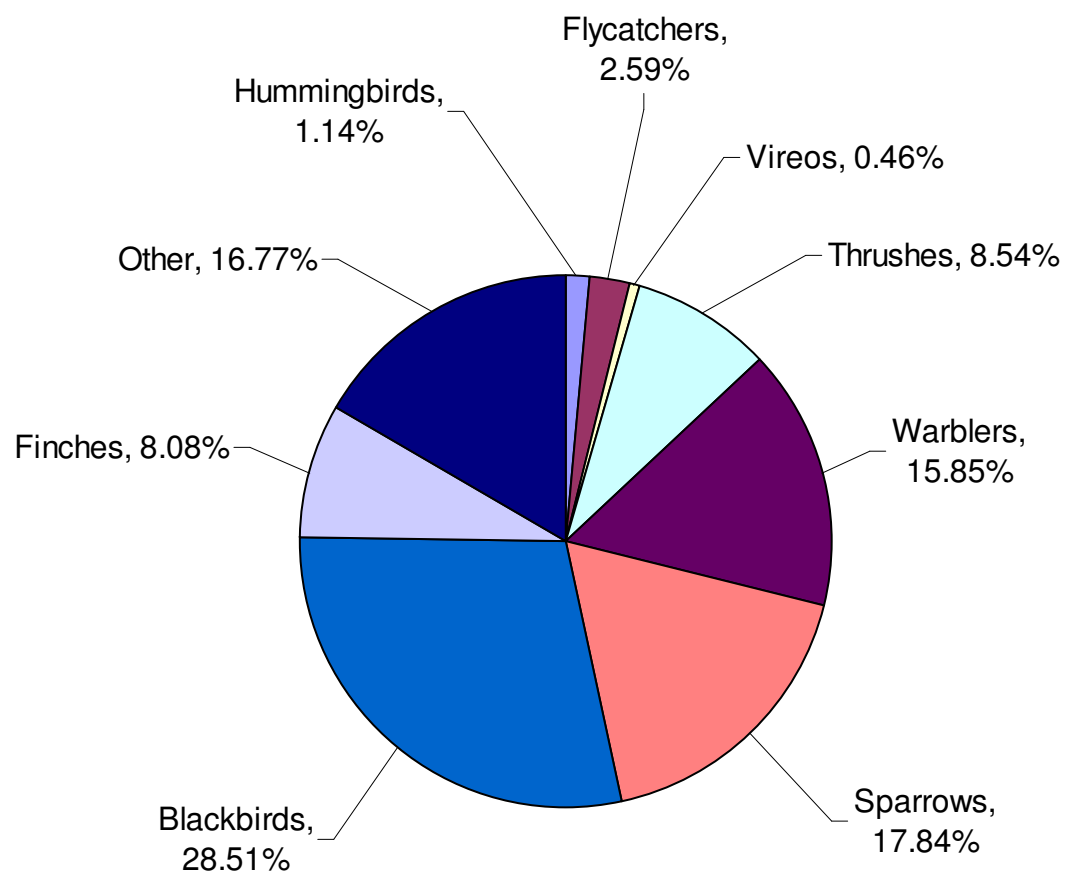


Table 1. Comparison of annual spring banding effort, capture rates, and species diversity.

Year ¹	Days	Net Hrs.	New birds Banded	No. of Recaptures	Released unbanded ²	Total Captures	Capture Rate ³	No. of Species
1990	5	480.00	315	25	0	340	70.8	43
1991	9	617.00	362	49	1	412	66.8	54
1992	14	1018.00	682	*	1	683	67.1	68
1993	14	954.00	776	*	*	776	81.3	64
1994	14	1118.00	597	*	*	597	53.5	62
1995	14	946.00	735	*	*	735	77.7	67
1996	11	829.00	794	*	6	800	96.5	59
1997	11	628.00	595	*	*	595	94.7	56
1998	13	1004.00	354	*	*	354	35.3	44
1999	12	1043.00	522	*	*	522	50.0	54
'90-'99 Avg. ¹	11.7	863.70	573.2	37.0	2.0	581.4	67.3	57.1
2004	16	666.00	575	55	49	679	102.0	66
2005	16	766.38	433	106	7	556	72.5	61
2006	20	1094.31	719	146	14	879	80.3	62
2007	17	1288.69	791	196	24	1011	78.5	65
2008	16	1315.25	657	256	31	944	71.8	60
2009	16	1241.13	773	226	48	1047	84.4	60
2010	16	1186.63	576	188	25	789	66.5	61
2011	15	1022.87	731	278	21	1030	100.7	60
2012	16	1303.00	997	274	42	1313	100.8	64
2013	16	1386.69	790	271	32	1093	78.8	68
2014	16	1417.00	654	259	33	946	66.8	59
'04-'14 Avg.	16.4	1153.44	701.0	205	30	935	81.1	62.4

¹ 1990-1999 data has not yet been fully verified.

² Released unbanded (including mostly "escapes") were not tracked as carefully from 1990-1999 as from 2004-2014.

³ Capture rate is defined as number of individuals per 100 net hours.

The overall number of birds captured in the Field Nets was once again the highest of any net group, but this year it was not as significant as it has been in many recent years. They were also most productive on a per net basis. As last year, the late arrival of spring resulted in much shorter vegetation out in the field for a longer period during the spring, which probably contributed to the reduced number of birds captured there. The productivity of the Upland Nets was perhaps the best they have been in the spring season. Ruby-throated Hummingbirds were caught mostly in the Field Edge Nets, where hummingbird feeders were set up, which is a fairly typical situation in spring at this site. Most of the flycatchers this spring were captured in the Field Nets, with almost 1/3 of them in the Upland Nets. This is the same as last spring. Kinglets and Brown Creepers were mainly captured in the Swamp and Upland Nets where there are larger trees, with some kinglets in Willow and Field Edge, and surprisingly some Brown Creepers in Willow, but none of these were captured in the Field. Thrush numbers were well below average this spring, so the only species captured in numbers was Hermit Thrush and American Robin, which had notably different capture locations. Hermit Thrushes were mainly in the wooded areas, including Swamp and Upland Nets, while robins were mostly in open areas of the Field, with a significant number in Upland. More than half of the Yellow Warblers were captured in the Field Nets, and ¼ were in the Upland Nets. The only migrant warbler caught in double-digit numbers was Northern Waterthrush, half of which were in the wooded nets of Swamp and Upland, but a surprising number was caught in the Field Nets. Common Yellowthroats were captured in all nets, but very few were in the Swamp and most, as expected, were in the Field Nets. Sparrows were captured in all the net groups, but nearly half

were in the Field Nets. The extremely low number of White-throated Sparrows this spring (only 4) may have biased the overall capture distribution of sparrows. Most of the Swamp Sparrows were captured in the Field Nets as expected. The distribution of Red-winged Blackbirds was different from recent spring season, with most males and females in the Field Nets, but with significant numbers also in the Swamp Nets. In other years, there has been an noticeable difference in distribution between males and females. Captures by net group are shown in Table 2 below. Captures for selected species by net group are shown in Table 3 below.

Table 2. Captures by net groups (new banded only).

Net Group	No. captured	% captured	% per net
Field (3.0 nets)	273	41.9%	14.0%
Field Edge (1.0 net)	54	8.2%	8.2%
Willow (2.0 nets)	82	12.5%	6.3%
Upland (4.0 nets)	144	22.0%	5.5%
Swamp (4.0 nets)	101	15.4%	1.2%

Table 3. Percent of captures per net group for selected species (new banded only).

Species	Field	Field Edge	Willow	Upland	Swamp
Ruby-throated Hummingbird (9)	-	55.6%	22.2%	22.2%	-
All flycatchers (17)	58.8%	-	11.8%	29.4%	-
Brown Creeper (8)	-	-	25.0%	50.0%	25.0%
Golden-crowned Kinglet (17)	-	17.6%	17.6%	35.4%	29.4%
Ruby-crowned Kinglet (5)	-	20.0%	-	60.0%	20.0%
Veery (2)	-	-	50.0%	-	50.0%
Swainson's Thrush (5)	-	-	20.0%	80.0%	-
Hermit Thrush (15)	6.7%	6.7%	20.0%	33.3%	33.3%
American Robin (34)	47.0%	11.8%	2.9%	32.4%	5.9%
All thrushes (56)	30.4%	8.9%	10.7%	35.7%	14.3%
Northern Waterthrush (10)	40.0%	-	10.0%	30.0%	20.0%
Yellow Warbler (38)	57.9%	2.6%	13.2%	26.3%	-
Common Yellowthroat (33)	39.4%	12.1%	27.3%	18.2%	3.0%
All warblers (101)	37.6%	7.9%	22.8%	19.8%	11.9%
American Tree Sparrow (12)	66.7%	8.3%	8.3%	16.7%	-
Song Sparrow (25)	32.0%	4.0%	-	44.0%	20.0%
Lincoln's Sparrow (8)	50.0%	-	12.5%	12.5%	25.0%
Swamp Sparrow (60)	46.7%	5.0%	33.3%	11.7%	3.3%
White-throated Sparrow (4)	-	-	-	25.0%	75.0%
All sparrows (n=118)	45.8%	4.2%	21.2%	18.6%	10.2%
Red-winged Blackbird (M) (81)	50.6%	6.2%	7.4%	11.1%	24.7%
Red-winged Blackbird (F) (57)	54.4%	3.5%	-	19.3%	22.8%
Red-winged Blackbird (all) (138)	52.2%	5.1%	4.3%	14.5%	23.9%
Common Grackle (32)	3.1%	-	40.6%	6.3%	50.0%
Baltimore Oriole (15)	13.3%	73.4%	-	13.3%	-
American Goldfinch (51)	96.0%	2.0%	-	-	2.0%

There were more unusual captures than normal this spring, including THREE Spotted Sandpipers (all caught in the Field Nets); the first ever at this site was just last spring. The station's 2nd Wilson's Snipe was caught in the Field Edge, and the station's 3rd Virginia Rail was caught in the Field Nets. The station's first American Kestrel was caught in the Field Nets. The three Mourning Doves tied last year's record for a single spring season. A Red-bellied Woodpecker was also only the 5th since 2004, with none being banded from 1990-1999. An Acadian Flycatcher was only the 3rd since 2004, and an Eastern Kingbird was only the 4th since 2004. An adult female Blackpoll Warbler was the first of this species in spring since 2004, and only the 6th in spring since 1990. The Louisiana Waterthrush was only the 2nd ever for the station. A Savannah Sparrow was the 6th in spring since 2004, the 8th overall since 2004, and 9th since 1990.

Flycatchers were again captured in low numbers, as has been the case in most recent years. One exception was Alder Flycatcher, which keyed out in greater numbers than normal but not record numbers. Yellow-bellied Flycatcher was missed for the 7th spring since 2004 (they were banded every spring between 1990-1999). Three Warbling Vireos were the only members of that family captured this spring, in keeping with the low numbers banded since 2004, and Red-eyed Vireo was missed entirely. Good, but not record, numbers of Tree Swallows were banded. House Wren numbers were about average, while the single Winter Wren was below average. Golden-crowned Kinglets were banded in good numbers, but Ruby-crowned came in well below average. The number of thrushes remained at the lower numbers captured that have been typical since 2004, with perhaps even lower numbers this spring and Gray-cheeked was missed entirely. Gray Catbirds were banded in very low numbers this spring. Once again European Starlings, a non-native invasive species, was banded in good (near-record) numbers.

Warbler numbers were lower than last spring, which was below the spring before, and well below normal, with only 101 individuals of only 12 species banded. Black-throated Blue, Black-throated Green, Black-and-white, Ovenbird, Mourning, and Canada Warblers were missed entirely. Low to very low numbers of Nashville, Chestnut-sided, Magnolia, Yellow-rumped, and American Redstarts were captured. The only migrant species banded in near-average numbers were Northern Waterthrush and Wilson's Warbler. The two breeding warblers were banded in good numbers, with Yellow Warblers equaling the 2004-2013 average, and Common Yellowthroat above average.

Sparrow numbers presented a mixed picture, as they often do, with a good numbers of American Tree Sparrows, probably because of the late spring. There was also a good number of Fox Sparrows, probably also due to the late spring. But there were low numbers of Lincoln's Sparrow and record low numbers of White-throated Sparrow. White-crowned Sparrows and Dark-eyed Juncos were missed entirely, the former for the second spring in a row. Red-winged Blackbirds, Common Grackles, and Baltimore Orioles were banded in well above average numbers, though no records were set. American Goldfinches returned to average numbers, although the number of recaptures was significantly higher, undoubtedly due to record numbers banded last year in both spring and fall. Details for all species can be found in Table 4 below.

Table 4. Birds banded at Lake St. Clair Metropark in Spring 2014, compared with the 1990-1999 average per season and the 2004-2013 average per season (No. per 100 net hours in parentheses). **Bold black text** indicates unusual species or high numbers; ¹ = all time record, ² = tied all time record, ³ = spring record, ⁴ = tied spring record. **Bold red text** indicates significant declines, or significant species missed this season.

Species	1990-1999 Average	2004-2013 Average	2014 Totals	Returns
Cooper's Hawk	0	0.1 (0.01)	0	-
American Kestrel	0	0	1¹ (0.07)	-
Virginia Rail	0.3 (0.03)	0	1 (0.07)	-
Killdeer	0.1 (0.01)	0	0	-
Solitary Sandpiper	0.1 (0.01)	0.2 (0.02)	0	-
Spotted Sandpiper	0	0.1 (0.01)	3¹ (0.21)	-
Wilson's Snipe	0.1 (0.01)	0	1² (0.07)	-
American Woodcock	0	0.3 (0.02)	0	-
Mourning Dove	0.2 (0.02)	0.4 (0.03)	3² (0.21)	-
Black-billed Cuckoo	0.2 (0.02)	0.1 (0.01)	0	-
Whip-poor-will	0.2 (0.02)	0	0	-
Ruby-throated Hummingbird	0	6.4 (0.50)	9 (0.64)	2013 (1)
Red-bellied Woodpecker	0	0.3 (0.02)	1² (0.07)	-
Yellow-bellied Sapsucker	0.1 (0.01)	0	0	-
Downy Woodpecker	3.6 (0.42)	5.2 (0.41)	9 (0.64)	2013 (2)
Hairy Woodpecker	0.2 (0.02)	0.6 (0.05)	1 (0.07)	-
Northern Flicker	0.8 (0.09)	1.5 (0.12)	4⁴ (0.28)	-
Olive-sided Flycatcher	0.2 (0.02)	0	0	-
Eastern Wood-Pewee	1.4 (0.16)	0.8 (0.06)	0	-
Yellow-bellied Flycatcher	14.1 (1.63)	1.1 (0.09)	0	-
Acadian Flycatcher	0.3 (0.03)	0.2 (0.02)	1 (0.07)	-
Alder Flycatcher	0.2 (0.02)	2.7 (0.21)	7 (0.49)	-
Willow Flycatcher	0.1 (0.01)	2.2 (0.17)	2 (0.14)	2011 (1)
"Traill's" Flycatcher	6.4 (0.67)	3.9 (0.31)	4 (0.28)	2012 (1)
Least Flycatcher	8.0 (0.93)	2.3 (0.18)	1 (0.07)	-
Eastern Phoebe	0.2 (0.02)	2.8 (0.22)	1 (0.07)	-
Great Crested Flycatcher	0.7 (0.08)	0.3 (0.02)	0	-
Eastern Kingbird	0.1 (0.01)	0.2 (0.02)	1² (0.07)	-
White-eyed Vireo	0.7 (0.08)	0.9 (0.07)	0	-
Blue-headed Vireo	0.6 (0.07)	0.1 (0.01)	0	-
Warbling Vireo	5.8 (0.67)	3.9 (0.31)	3 (0.21)	2012 (1) 2013 (2)
Philadelphia Vireo	0.4 (0.05)	0.1 (0.01)	0	-
Red-eyed Vireo	2.0 (0.23)	0.2 (0.02)	0	-
Blue Jay	20.2 (2.34)	5.6 (0.44)	8 (0.56)	-
Tree Swallow	0.2 (0.02)	4.8 (0.38)	8 (0.56)	2013 (1)
Northern Rough-winged Swallow	0.6 (0.07)	10.5 (0.83)	2 (0.14)	2013 (1)
Barn Swallow	0	2.6 (0.20)	0	-
Black-capped Chickadee	3.2 (0.37)	6.8 (0.54)	4 (0.28)	2012 (1) 2013 (6)

Table 4. Continued (page 2 of 4).

Species	1990-1999 Average	2004-2013 Average	2014 Totals	Returns
Tufted Titmouse	0.0 (0.02)	0.8 (0.06)	0	-
White-breasted Nuthatch	0	0.1 (0.01)	1 (0.07)	-
Brown Creeper	1.5 (0.17)	10.9 (0.86)	8 (0.56)	-
Carolina Wren	0.1 (0.01)	1.5 (0.12)	0	-
House Wren	6.7 (0.78)	6.8 (0.54)	8 (0.56)	-
Winter Wren	2.9 (0.34)	2.5 (0.20)	1 (0.07)	-
Sedge Wren	0.1 (0.01)	0	0	-
Marsh Wren	0	0.3 (0.02)	0	-
Golden-crowned Kinglet	1.5 (0.17)	11.3 (0.89)	17 (1.20)	-
Ruby-crowned Kinglet	25.0 (2.89)	11.8 (0.93)	5 (0.35)	-
Blue-gray Gnatcatcher	1.8 (0.21)	1.0 (0.08)	0	-
Veery	6.0 (0.69)	6.7 (0.53)	2 (0.14)	-
Gray-cheeked Thrush	2.1 (0.24)	1.5 (0.12)	0	-
Swainson's Thrush	15.3 (1.77)	8.5 (0.67)	5 (0.35)	2014 (FR)
Hermit Thrush	12.7 (1.47)	15.8 (1.25)	15 (1.06)	-
Wood Thrush	1.5 (0.17)	1.2 (0.09)	0	-
American Robin	17.8 (2.06)	30.8 (2.43)	34 (2.40)	2012 (1) 2013 (1)
Gray Catbird	15.6 (1.81)	17.7 (1.40)	5 (0.35)	-
Brown Thrasher	1.3 (0.15)	0.9 (0.07)	0	-
European Starling	2.7 (0.31)	3.8 (0.30)	15 (1.06)	2013 (1)
Cedar Waxwing	0.4 (0.05)	1.3 (0.10)	0	-
Blue-winged Warbler	0.3 (0.03)	0.7 (0.06)	0	-
Golden-winged Warbler	0.2 (0.02)	0.3 (0.02)	0	-
"Brewster's" Warbler	0.1 (0.01)	0.1 (0.01)	0	-
Tennessee Warbler	4.0 (0.46)	0.2 (0.02)	0	-
Orange-crowned Warbler	0.6 (0.07)	0.9 (0.07)	0	-
Nashville Warbler	3.7 (0.43)	4.6 (0.36)	1 (0.07)	-
Northern Parula	0.2 (0.02)	0.2 (0.02)	0	-
Yellow Warbler	26.4 (3.06)	37.3 (2.94)	38 (2.68)	2007 (1) 2008 (3) 2009 (2) 2011 (3) 2012 (9) 2013 (9)
Chestnut-sided Warbler	6.9 (0.80)	3.1 (0.24)	1 (0.07)	-
Magnolia Warbler	26.4 (3.06)	14.7 (1.16)	5 (0.35)	-
Cape May Warbler	0.7 (0.08)	0	0	-
Black-throated Blue Warbler	3.4 (0.39)	1.8 (0.14)	0	-
Yellow-rumped Warbler	15.5 (1.79)	8.9 (0.70)	2 (0.14)	-
Black-throated Green Warbler	1.1 (0.13)	2.2 (0.17)	0	-
Blackburnian Warbler	0.8 (0.09)	0.6 (0.05)	0	-
Prairie Warbler	0	0.1 (0.01)	0	-

Table 4. Continued (page 3 of 4).

Species	1990-1999 Average	2004-2013 Average	2014 Totals	Returns
(Western) Palm Warbler	1.5 (0.17)	1.8 (0.14)	1 (0.07)	-
(Yellow) Palm Warbler	0.1 (0.01)	0.1 (0.01)	0	-
Bay-breasted Warbler	1.0 (0.12)	0	0	-
Blackpoll Warbler	0.5 (0.06)	0	1 (0.07)	-
Black-and-white Warbler	3.9 (0.45)	3.5 (0.28)	0	-
Hybrid Warbler (BAWWxGWWA?)	0	0.1 (0.01)	0	-
American Redstart	16.0 (1.85)	5.1 (0.40)	2 (0.14)	-
Worm-eating Warbler	0	0.1 (0.01)	0	-
Prothonotary Warbler	0.1 (0.01)	0	0	-
Ovenbird	7.4 (0.86)	8.5 (0.67)	0	-
Northern Waterthrush	7.1 (0.82)	10.0 (0.79)	10 (0.71)	-
Louisiana Waterthrush	0	0.1 (0.01)	1¹ (0.07)	-
Connecticut Warbler	0.2 (0.02)	0	0	-
Mourning Warbler	5.5 (0.64)	3.2 (0.25)	0	-
Common Yellowthroat	29.4 (3.40)	25.6 (2.02)	33 (2.33)	2010 (1) 2011 (2) 2013 (4)
Wilson's Warbler	13.5 (1.56)	9.3 (0.73)	6 (0.42)	-
Canada Warbler	6.9 (0.80)	4.1 (0.32)	0	-
Hooded Warbler	0.1 (0.01)	0.2 (0.02)	0	-
Yellow-breasted Chat	0.5 (0.06)	0.1 (0.01)	0	-
Scarlet Tanager	0.2 (0.02)	0.2 (0.02)	0	-
Northern Cardinal	5.3 (0.61)	6.4 (0.50)	3 (0.21)	-
Rose-breasted Grosbeak	1.9 (0.20)	0.5 (0.04)	0	-
Indigo Bunting	0.6 (0.07)	0.8 (0.06)	1 (0.07)	-
Eastern Towhee	0.2 (0.02)	0.5 (0.04)	0	-
American Tree Sparrow	0.3 (0.03)	4.8 (0.38)	12 (0.85)	2012 (1) 2013 (1)
Clay-colored Sparrow	0	0.1 (0.01)	0	-
Field Sparrow	0.2 (0.02)	0.4 (0.03)	0	-
Savannah Sparrow	0.1 (0.01)	0.5 (0.04)	1² (0.07)	-
Fox Sparrow	0.1 (0.01)	3.4 (0.27)	8² (0.56)	-
Song Sparrow	11.8 (1.37)	20.0 (1.58)	25 (1.76)	2007 (1) 2008 (2) 2011 (1) 2012 (3) 2013 (9)
Lincoln's Sparrow	13.3 (1.54)	12.3 (0.97)	8 (0.56)	-
Swamp Sparrow	54.0 (6.25)	66.1 (5.21)	60 (4.23)	2013 (2)
White-throated Sparrow	36.4 (4.21)	62.5 (4.93)	4 (0.28)	-
White-crowned Sparrow	1.9 (0.22)	3.3 (0.26)	0	-
Dark-eyed Junco	0.1 (0.01)	0.9 (0.07)	0	-

Table 4. Continued (page 4 of 4).

Species	1990-1999 Average	2004-2013 Average	2014 Totals	Returns
Red-winged Blackbird	31.1 (3.60)	82.9 (6.53)	138 (9.74)	2011 (1) 2012 (3) 2013 (5)
Rusty Blackbird	0.6 (0.07)	0.6 (0.05)	0	-
Common Grackle	7.8 (0.90)	19.9 (1.57)	32 (2.26)	2012 (1) 2013 (1)
Brown-headed Cowbird	5.9 (0.68)	7.8 (0.61)	2 (0.14)	2013 (1)
Baltimore Oriole	4.9 (0.57)	9.8 (0.77)	15 (1.06)	2009 (1) 2011 (2) 2012 (1) 2013 (2)
House Finch	1.6 (0.19)	0.8 (0.06)	2 (0.14)	-
American Goldfinch	24.7 (2.86)	49.9 (3.93)	51 (3.60)	2008 (1) 2011 (1) 2012 (3) 2013 (41)
House Sparrow	0.5 (0.06)	0.3 (0.02)	0	-

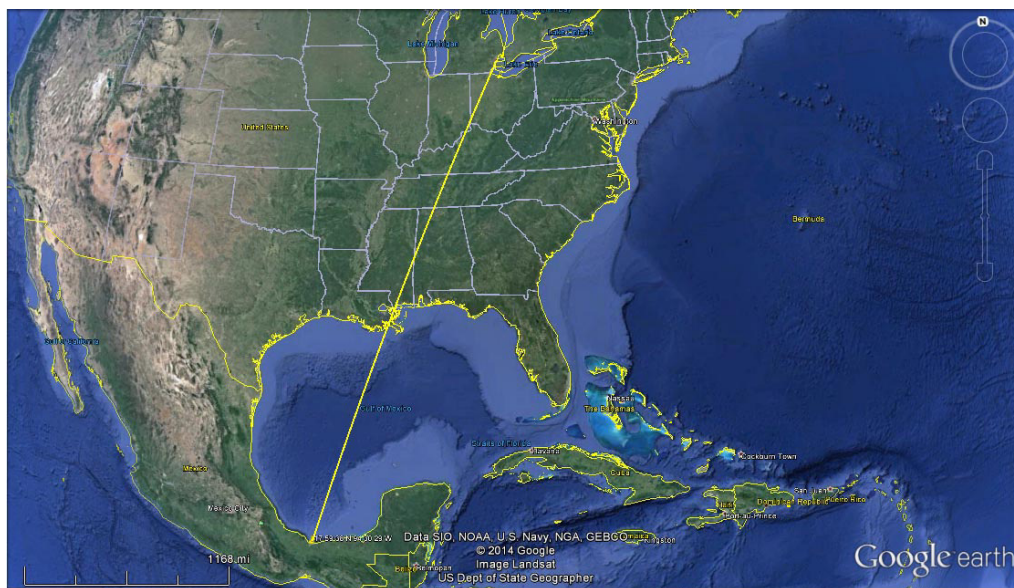
RECAPTURES

The number of recaptures this spring was very good for many species, but especially American Goldfinch after a record number was banded last fall. These are summarized in Table 5 below. The oldest birds recaptured this spring were a Yellow Warbler in its 8th calendar year and an American Goldfinch in its 8th calendar year. A male Song Sparrow [2281-10323] that was banded in September 2007, and has been recaptured a total of 24 times through the end of 2013 (now named “Lucky”), was recaptured one more time this year, now an after 8th year bird! A Ruby-throated Hummingbird, originally banded in June 2013 as an after hatch-year female was recaptured this spring, and was only the 4th such return of a hummingbird at this site. Returning individual of Tree Swallow, Northern Rough-winged Swallow, and European Starling were the first returnees of their species at this site. Few American Tree Sparrows are banded at this site, as they tend to only be captured in the first week or so of the spring season, and the last week of the fall season. They do overwinter in good numbers in the park, so one recapture of an individuals banded in November 2012 showed winter site fidelity, at a site away from bird feeders. Details of these recaptures can be found in Table 6 below.

Birds banded at Lake St. Clair Metropark are very infrequently encountered any significant distance away from the park, so any reports of these “foreign” re-encounters are very special indeed. Usually, birds banded at the park are encountered elsewhere, but much more unusual is capturing a bird here that was banded elsewhere. Before this spring, that had occurred only twice before; a Magnolia Warbler originally banded in Maryland 2 years before, and a Baltimore Oriole originally banded at Long Point, Ontario the year before. This spring’s amazing foreign recapture was:

- An after hatch-year Swainson's Thrush [band number c0015818] recaptured on 31 May 2014 at Lake St. Clair Metropark, Macomb Co., Michigan had been banded on 7 May 2014 as a SY-U at Pantano de Santa Alejandrina, Minatitlan Veracruz, MEXICO! It traveled a minimum distance of 1828 miles NNE in the 24 days since it was banded. Swainson's Thrushes winter south of that locale, and breed north of Lake St. Clair Metropark, so its breeding and wintering sites are not known, but its speed certainly is. It is not known if this bird flew straight north across the Gulf of Mexico, or took an even longer path through coastal Texas, so its exact path and distance are not known. Figure 2 below shows the banding site and recapture site of this amazing record.

Figure 2. Swainson's Thrush banded in Mexico and recaptured at Lake St. Clair Metropark 24 days later.



Other re-encounters from not as far away this spring included:

- An Ovenbird [2591-24606] banded on 31 August 2013 as HY-U was found near the town of Maple Leaf, Ontario. This is a distance of about 314 miles NE of where it was banded, so was perhaps returning to a breeding area near where it was hatched.
- A European Starling [1352-36552] banded on 18 May 2013 as AHY-F was found in the park "close to Lake St. Clair" by a park visitor on 21 September 2013.

Table 5. Recaptures by year (number recaptured, with species in parentheses).

	Banded In 2013	Banded In 2012	Banded In 2011	Banded in 2010	Banded in 2009	Banded in 2008	Banded in 2007	Banded in 2006	Banded in 2005	Banded in 2004
Recap in 2005	-	-	-	-	-	-	-	-	-	18 (8)
Recap in 2006	-	-	-	-	-	-	-	-	53 (17)	9 (6)
Recap in 2007	-	-	-	-	-	-	-	38 (12)	20 (8)	7 (5)
Recap in 2008	-	-	-	-	-	-	61 (16)	14 (7)	25 (13)	6 (5)
Recap in 2009	-	-	-	-	-	62 (14)	26 (9)	12 (8)	13 (8)	4 (4)
Recap in 2010	-	-	-	-	48 (16)	40 (11)	12 (6)	6 (4)	3 (3)	-
Recap in 2011	-	-	-	58 (17)	34 (10)	13 (6)	10 (7)	3 (2)	2 (2)	-
Recap in 2012	-	-	61 (13)	17 (9)	19 (7)	16 (8)	2 (2)	-	-	1 (1)
Recap in 2013	-	63 (15)	37 (10)	13 (5)	12 (7)	6 (4)	3 (3)	-	-	-
Recap in 2014	90 (18)	25 (11)	11 (7)	1 (1)	3 (2)	6 (3)	2 (2)	-	-	-

Details of these recaptures can be found in Table 6.

Table 6. Returning birds from previous years.

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	Loc*
Ruby-throated Hummingbird	J(5100)-03342	07-Jun-13	AHY-F	17-May-14	ASY-F	U
Downy Woodpecker	2571-96464	17-Apr-13	ASY-M	04-Apr-14	A3Y-M	F
Downy Woodpecker	2571-96893	03-Oct-13	HY-M	19-Apr-14 27-Apr-14	SY-M	F F
Willow Flycatcher	2610-05555	02-Jun-11	ASY-U	29-May-14	A5Y-U	F
Trail's Flycatcher	2610-05976	24-May-12	AHY-U	22-May-14 31-May-14	A3Y-U	F F
Warbling Vireo	2610-05863	05-May-12	AHY-U	17-May-14	A3Y-U	U
Warbling Vireo	2660-28207	04-May-13	AHY-U	11-May-14	ASY-U	SW
Warbling Vireo	2660-28293	24-May-13	AHY-U	24-May-14	ASY-U	U
Tree Swallow	2591-24391	13-May-13	AHY-M	27-Apr-14	ASY-M	F
Northern Rough-winged Swallow	2700-01932	08-Jun-13	AHY-M	31-May-14	ASY-M	F
Black-capped Chickadee	2660-28034	20-Oct-12	AHY-U	19-Apr-14	A3Y-U	U
Black-capped Chickadee	2660-28169	17-Apr-13	AHY-U	09-Apr-14	ASY-U	U
Black-capped Chickadee	2660-28172	17-Apr-13	AHY-F	06-Apr-14	ASY-F	SW
Black-capped Chickadee	2700-01937	04-Aug-13	HY-U	06-Apr-14 19-Apr-14	SY-U	SW FE
Black-capped Chickadee	2700-03001	11-Aug-13	HY-U	06-Apr-14	SY-U	SW
Black-capped Chickadee	2700-03173	03-Oct-13	AHY-U	22-May-14	ASY-F	F
Black-capped Chickadee	2700-03183	10-Oct-13	HY-U	06-Apr-14 31-May-14	SY-U	F U
American Robin	1292-72921	12-Apr-12	AHY-M	09-Apr-14 23-Apr-14 17-May-14	A3Y-M	SW SW SW
American Robin	1352-36596	08-Jun-13	AHY-F	11-May-14	ASY-F	FE
European Starling	1352-36551	18-May-13	AHY-F	31-May-14	ASY-F	U
Yellow Warbler	2360-85702	29-Jul-07	HY-U	10-May-14 31-May-14	8Y-M	U F
Yellow Warbler	2360-85928	19-May-08	SY-F	17-May-14 22-May-14 29-May-14	8Y-F	F F F
Yellow Warbler	2360-95975	21-May-08	ASY-M	29-May-14	A8Y-M	F
Yellow Warbler	2500-25610	09-Aug-08	AHY-M	22-May-14 29-May-14	A7Y-M	F F
Yellow Warbler	2540-26632	02-May-09	SY-M	09-May-14 17-May-14	7Y-M	F F
Yellow Warbler	2560-75067	06-Jun-09	SY-F	09-May-14	7Y-F	F
Yellow Warbler	2610-05543	28-May-11	SY-M	17-May-14	5Y-M	F
Yellow Warbler	2610-05548	28-May-11	ASY-M	09-May-14 22-May-14	A5Y-M	U U
Yellow Warbler	2610-05549	28-May-11	SY-M	24-May-14 06-Jun-14	5Y-M	F F
Yellow Warbler	2610-05879	06-May-12	SY-F	11-May-14	4Y-F	F

* F=Field, FE=Field Edge, W=Willow, SW=Swamp, U=Upland.

Table 6. Continued (page 2 of 4).

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	Loc*
Yellow Warbler	2610-05917	12-May-12	SY-M	09-May-14 17-May-14 22-May-14 29-May-14 31-May-14	4Y-M	U F U F U
Yellow Warbler	2610-05925	12-May-12	ASY-F	11-May-14	A4Y-F	F
Yellow Warbler	2610-05934	12-May-12	ASY-M	31-May-14	A4Y-M	F
Yellow Warbler	2610-05937	14-May-12	SY-F	10-May-14	4Y-F	U
Yellow Warbler	2610-05940	14-May-12	ASY-M	09-May-14 10-May-14 11-May-14	A4Y-M	U W W
Yellow Warbler	2610-05952	19-May-12	SY-F	22-May-14 31-May-14	4Y-F	U U
Yellow Warbler	2610-05973	24-May-12	SY-M	24-May-14 29-May-14	4Y-M	F F
Yellow Warbler	2610-05977	24-May-12	SY-M	09-May-14 11-May-14 17-May-14 22-May-14 24-May-14	4Y-M	F FE FE F F
Yellow Warbler	2660-28193	04-May-13	SY-F	09-May-14 22-May-14	3Y-F	F F
Yellow Warbler	2660-28195	04-May-13	SY-M	31-May-14	3Y-M	U
Yellow Warbler	2660-28203	04-May-13	ASY-F	11-May-14	A3Y-F	W
Yellow Warbler	2660-28216	11-May-13	ASY-F	09-May-14	A3Y-F	W
Yellow Warbler	2660-28258	18-May-13	SY-M	22-May-14 05-Jun-14	3Y-M	W F
Yellow Warbler	2660-28296	24-May-13	SY-F	09-May-14 10-May-14	3Y-F	U F
Yellow Warbler	2700-01912	27-May-13	SY-M	09-May-14	3Y-M	F
Yellow Warbler	2700-01916	30-May-13	ASY-M	11-May-14	A3Y-M	W
Yellow Warbler	2700-01935	04-Aug-13	AHY-M	10-May-14 29-May-14	ASY-M	F F
Song Sparrow ("Lucky")	2281-10323	24-Sep-07	AHY-U	17-May-14	A8Y-M	SW
Song Sparrow	2281-10739	13-Aug-08	HY-U	11-May-14	7Y-M	F
Song Sparrow	2281-10870	26-Sep-08	AHY-U	22-May-14 29-May-14	A7Y-M	F F
Song Sparrow	2551-24385	10-Aug-11	HY-U	17-Apr-14	4Y-M	W
Song Sparrow	2551-65060	12-Apr-12	SY-F	23-Apr-14 11-May-14 17-May-14 24-May-14 31-May-14	4Y-F	F F F F F
Song Sparrow	2551-65360	22-Sep-12	HY-U	09-Apr-14	3Y-U	F
Song Sparrow	2571-96165	06-Oct-12	HY-U	09-Apr-14	3Y-U	F

* F=Field, FE=Field Edge, W=Willow, SW=Swamp, U=Upland.

Table 6. Continued (page 3 of 4).

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	Loc*
Song Sparrow	2571-96450	17-Apr-13	AHY-U	09-Apr-14	AHY-U	F
Song Sparrow	2571-96473	20-Apr-13	AHY-M	24-May-14	ASY-M	SW
Song Sparrow	2571-96513	11-May-13	SY-F	09-Apr-14	3Y-F	FE
Song Sparrow	2571-96564	07-Jun-13	ASY-M	09-Apr-14 17-Apr-14 27-Apr-14 11-May-14	A3Y-M	F FE F F
Song Sparrow	2571-96572	08-Jun-13	AHY-M	06-Jun-14	ASY-M	SW
Song Sparrow	2571-96605	08-Aug-13	HY-U	24-May-14	SY-F	W
Song Sparrow	2571-96607	08-Aug-13	HY-U	24-May-14 31-May-14 06-Jun-14	SY-M	F F F
Song Sparrow	2571-96680	31-Aug-13	HY-U	11-May-14	SY-M	F
Song Sparrow	2571-96754	26-Sep-13	HY-U	17-May-14 31-May-14	SY-M	F W
Swamp Sparrow	2521-40976	17-Apr-13	AHY-M	19-Apr-14	ASY-M	F
Swamp Sparrow	2591-25074	22-Sep-13	HY-U	22-May-14	ASY-M	SW
Red-winged Blackbird	1292-72796	03-Apr-11	SY-M	06-Jun-14	5Y-M	U
Red-winged Blackbird	1292-72833	07-Apr-12	SY-M	27-Apr-14	4Y-M	F
Red-winged Blackbird	1292-72885	07-Apr-12	SY-M	24-May-14	4Y-M	F
Red-winged Blackbird	2411-55337	19-May-12	ASY-F	06-Jun-14	A4Y-F	SW
Red-winged Blackbird	1342-38546	17-Apr-13	SY-M	31-May-14	3Y-M	SW
Red-winged Blackbird	1342-38568	27-Apr-13	SY-M	23-Apr-14	3Y-M	SW
Red-winged Blackbird	1342-38592	30-Apr-13	SY-M	17-Apr-14	3Y-M	F
Red-winged Blackbird	1352-36620	11-Aug-13	HY-M	19-Apr-14	SY-M	SW
Red-winged Blackbird	1352-36621	11-Aug-13	HY-M	17-Apr-14	SY-M	SW
Common Grackle	1603-53306	18-Apr-12	SY-F	24-May-14	4Y-F	U
Common Grackle	1603-53384	08-Jun-13	SY-M	31-May-14	3Y-M	W
Brown-headed Cowbird	2571-96553	24-May-13	ASY-F	23-Apr-14	A3Y-F	F
Baltimore Oriole	2231-53480	29-May-09	SY-M	09-May-14 10-May-14	7Y-M	W FE
Baltimore Oriole	2411-55121	10-Aug-11	HY-F	09-May-14 11-May-14 17-May-14	4Y-F	U U FE
Baltimore Oriole	2411-55138	26-Aug-11	AHY-M	10-May-14	A4Y-M	FE
Baltimore Oriole	2411-55316	12-May-12	ASY-M	09-May-14 06-Jun-14	A4Y-M	U FE
Baltimore Oriole	2561-68235	24-May-13	SY-M	09-May-14 11-May-14	3Y-M	U U
Baltimore Oriole	2561-68244	30-May-13	SY-M	09-May-14	3Y-M	W
American Goldfinch	2311-71609	18-Apr-08	SY-M	09-May-14	8Y-M	F
American Goldfinch	2511-56299	10-Sep-11	HY-F	09-Apr-14	5Y-F	F
American Goldfinch	2521-40120	24-May-12	SY-M	24-May-14	4Y-M	F
American Goldfinch	2521-40185	28-Aug-12	HY-M	17-May-14	3Y-M	F

* F=Field, FE=Field Edge, W=Willow, SW=Swamp, U=Upland.

Table 6. Continued (page 4 of 4).

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	Loc*
American Goldfinch	2521-40572	20-Oct-12	HY-M	09-Apr-14	3Y-M	F
American Goldfinch	2521-40970	13-Apr-13	SY-M	03-May-14	3Y-M	F
American Goldfinch	2660-28186	20-Apr-13	SY-F	23-Apr-14	3Y-F	F
American Goldfinch	2521-40999	20-Apr-13	SY-F	06-Apr-14	3Y-F	SW
American Goldfinch	2591-24318	27-Apr-13	SY-F	09-Apr-14	3Y-F	F
American Goldfinch	2591-24371	11-May-13	SY-F	06-Apr-14	3Y-F	F
American Goldfinch	2591-24373	11-May-13	SY-F	11-May-14	3Y-F	SW
American Goldfinch	2591-24425	18-May-13	SY-F	17-May-14	3Y-F	F
American Goldfinch	2591-24450	27-May-13	SY-F	22-May-14	3Y-F	F
American Goldfinch	2591-24467	30-May-13	SY-M	24-May-14	3Y-M	F
American Goldfinch	2591-24480	04-Aug-13	AHY-M	03-May-14	ASY-M	W
American Goldfinch	2591-24484	04-Aug-13	HY-M	24-May-14	SY-M	F
American Goldfinch	2591-24506	08-Aug-13	AHY-M	09-May-14	ASY-M	F
American Goldfinch	2591-24512	08-Aug-13	HY-M	24-May-14	SY-M	F
American Goldfinch	2591-24531	11-Aug-13	HY-M	03-May-14	SY-M	F
American Goldfinch	2591-24556	24-Aug-13	HY-M	09-Apr-14	SY-M	SW
American Goldfinch	2591-24561	24-Aug-13	HY-F	09-May-14	SY-M	F
American Goldfinch	2591-24573	24-Aug-13	HY-M	09-May-14	SY-M	F
American Goldfinch	2591-24576	24-Aug-13	AHY-F	11-May-14	ASY-F	F
American Goldfinch	2591-24586	29-Aug-13	HY-M	03-May-14	SY-M	F
American Goldfinch	2591-24593	29-Aug-13	HY-M	10-May-14 06-Jun-14	SY-M	U F
American Goldfinch	2591-24611	31-Aug-13	HY-M	09-Apr-14 17-May-14	SY-M	F F
American Goldfinch	2591-24620	31-Aug-13	HY-M	06-Jun-14	SY-M	F
American Goldfinch	2591-24655	05-Sep-13	HY-M	24-May-14	SY-M	F
American Goldfinch	2591-24697	07-Sep-13	HY-M	17-Apr-14	SY-M	F
American Goldfinch	2591-24705	07-Sep-13	HY-M	09-Apr-14	SY-M	F
American Goldfinch	2591-24723	07-Sep-13	AHY-M	10-May-14	ASY-M	F
American Goldfinch	2591-24732	07-Sep-13	HY-M	17-May-14	SY-M	FE
American Goldfinch	2591-24810	14-Sep-13	HY-M	31-May-14	SY-M	F
American Goldfinch	2591-24820	14-Sep-13	HY-M	09-May-14	SY-M	F
American Goldfinch	2591-24899	15-Sep-13	HY-F	22-May-14	SY-F	F
American Goldfinch	2591-24919	15-Sep-13	HY-F	31-May-14	SY-F	F
American Goldfinch	2591-25024	22-Sep-13	HY-M	09-May-14	SY-M	F
American Goldfinch	2591-25046	22-Sep-13	HY-F	06-Jun-14	SY-F	F
American Goldfinch	2591-25058	22-Sep-13	HY-F	23-Apr-14 11-May-14	SY-F	F F
American Goldfinch	2591-25097	26-Sep-13	HY-M	27-Apr-14	SY-M	F
American Goldfinch	2591-25111	26-Sep-13	HY-F	22-May-14	SY-F	F
American Goldfinch	2591-25126	26-Sep-13	HY-F	06-Jun-14	SY-F	F
American Goldfinch	2591-25138	26-Sep-13	HY-F	23-Apr-14	SY-F	F
American Goldfinch	2591-25160	26-Sep-13	HY-M	09-May-14	SY-M	F
American Goldfinch	2591-25232	10-Oct-13	HY-M	06-Jun-14	SY-M	F
American Goldfinch	2591-25330	24-Oct-13	HY-F	03-May-14	SY-F	F

* F=Field, FE=Field Edge, W=Willow, SW=Swamp, U=Upland.

BREEDING EVIDENCE

Breeding evidence was found for the following species: 1 Mourning Dove (female), 1 Ruby-throated Hummingbird (female), 1 Red-bellied Woodpecker (male), 6 Downy Woodpeckers (1 male, 5 females), Hairy Woodpecker (female), 1 Northern Flicker (male), 1 Warbling Vireo (female), 2 Tree Swallows (males), 3 Northern Rough-winged Swallows (males), 1 Black-capped Chickadees (female), 6 House Wrens (5 males, 1 female), 22 American Robins (12 males, 8 females, 2 hatch-years), 13 European Starlings (5 males, 7 females, 1 hatch-year), 30 Yellow Warblers (28 males, 2 females), 9 Common Yellowthroats (males), 26 Song Sparrows (22 males, 4 females), 7 Swamp Sparrows (males), 2 Northern Cardinals (females), 38 Red-winged Blackbirds (25 males, 13 females), 27 Common Grackles (7 males, 20 females), and 2 Baltimore Orioles (1 male, 1 female). The number of birds apparently using the approximately 7 acre banding area as part (or all) of their breeding territory continues to be pretty amazing. It is clear that this patch of woodland and marsh is very important to breeding birds as well as migrants. Details can be found in Table 7 below.

Table 7. Breeding Evidence of Birds captured at Lake St. Clair Metropark in Spring 2014.
(BP=Brood Patch, CP=Cloacal Protuberance, 1=min., 3=max.)

Species	Age/Sex	Band No.	Date Banded	Date(s) Recaptured	Breeding Evidence Observed	Loc
Mourning Dove	AHY-F	1693-47973	11-May-14	-	BP=2	F
Ruby-throated Hummingbird	AHY-F	J-21672	06-Jun-14	-	BP=2	W
Red-bellied Woodpecker	ASY-M	1352-62729	24-May-14	-	BP=3	U
Downy Woodpecker	SY-M	2691-22036	19-Apr-14	23-Apr-14 31-May-14	- BP=3	SW/SW W
Downy Woodpecker	ASY-F	2691-22110	24-May-14	-	BP=3	SW
Downy Woodpecker	SY-F	2691-22035	19-Apr-14	24-May-14	BP=3	SW/SW
Downy Woodpecker	SY-F	2691-22101	17-May-14	-	BP=3	U
Downy Woodpecker	SY-F	2691-22111	24-May-14	-	BP=3	W
Downy Woodpecker	SY-F	2691-22113	29-May-14	-	BP=3	U
Hairy Woodpecker	SY-F	1352-62749	31-May-14	-	BP=3	U
Northern Flicker	SY-M	1603-53409	11-May-14	17-May-14	BP=2	U/U
Warbling Vireo	AHY-F	2730-26501	29-May-14	-	BP=2	U
Tree Swallow	AHY-M	2621-10256	29-May-14	-	CP=3	F
Tree Swallow	SY-M	2621-10178	09-May-14	-	CP=3	U
N. Rough-winged Swallow	AHY-M	2730-26517	31-May-14	-	CP=3	F
N. Rough-winged Swallow	AHY-M	2730-26518	31-May-14	-	CP=3	F
N. Rough-winged Swallow	AHY-M	2700-01932	08-Jun-13	31-May-14	CP=3	-/F
Black-capped Chickadee	AHY-F	2700-03173	03-Oct-13	22-May-14	BP=3, egg	-/F
House Wren	AHY-M	2700-03290	03-May-14	17-May-14 22-May-14	- CP=3	U/U U
House Wren	AHY-M	2700-03377	22-May-14	06-June-14	CP=3	U/U
House Wren	AHY-M	2730-26520	06-Jun-14	-	CP=3	U
House Wren	AHY-M	2730-26522	06-Jun-14	-	CP=3	U
House Wren	AHY-M	2730-26523	06-Jun-14	-	CP=3	U
House Wren	AHY-F	2700-03386	22-May-14	29-May-14 06-Jun-14	BP=2, egg BP=3	U/U U

Table 7. Continued (page 2 of 6).

Species	Age/Sex	Band No.	Date Banded	Date(s) Recaptured	Breeding Evidence Observed	Loc
American Robin	AHY-M	1292-27921	12-Apr-12	09-Apr-14 23-Apr-14 17-May-14	- CP=3 CP=3	-/SW SW SW
American Robin	AHY-M	1352-36751	03-May-14	10-May-14	CP=3	FE/SW
American Robin	AHY-M	1352-36753	03-May-14	-	CP=3	U
American Robin	AHY-M	1352-36755	03-May-14	-	CP=3	F
American Robin	AHY-M	1352-62722	22-May-14	-	CP=3	F
American Robin	AHY-M	1352-62734	24-May-14	-	CP=3	U
American Robin	AHY-M	1352-62742	29-May-14	-	CP=3	U
American Robin	AHY-M	1352-62744	29-May-14	-	CP=2	F
American Robin	SY-M	1352-36724	19-Apr-14	-	CP=2	W
American Robin	SY-M	1352-36728	19-Apr-14	-	CP=3	U
American Robin	SY-M	1352-36739	23-Apr-14	-	CP=3	F
American Robin	SY-M	1352-62754	31-May-14	-	CP=3	FE
American Robin	AHY-F	1352-36596	08-Jun-13	11-May-14	BP=2	-/FE
American Robin	AHY-F	1352-36731	19-Apr-14	-	BP=2, egg	F
American Robin	AHY-F	1352-36754	03-May-14	-	BP=2	U
American Robin	AHY-F	1352-62732	24-May-14	-	BP=3	SW
American Robin	AHY-F	1352-62736	24-May-14	-	BP=3	SW
American Robin	AHY-F	1352-62743	29-May-14	-	BP=3	F
American Robin	AHY-F	1352-62757	06-Jun-14	-	BP=3	F
American Robin	SY-F	1352-62761	06-Jun-14	-	BP=3	F
American Robin	HY-U	1352-62751	31-May-14	-	HY-U	F
American Robin	HY-U	1352-62758	06-Jun-14	-	HY-U	F
European Starling	AHY-M	1352-36800	10-May-14	-	CP=3	F
European Starling	AHY-M	1352-62703	10-May-14	-	CP=3	F
European Starling	AHY-M	1352-62721	17-May-14	-	CP=3	U
European Starling	AHY-M	1352-62723	22-May-14	-	CP=3	F
European Starling	AHY-M	1352-62738	29-May-14	-	CP=3	U
European Starling	AHY-F	1352-62724	24-May-14	29-May-14	BP=3	FE/U
European Starling	AHY-F	1352-62730	24-May-14	-	BP=3	F
European Starling	AHY-F	1352-62733	24-May-14	-	BP=3	F
European Starling	AHY-F	1352-62739	29-May-14	-	BP=3	FE
European Starling	AHY-F	1352-62747	29-May-14	-	BP=3	FE
European Starling	AHY-F	1352-62752	31-May-14	-	BP=3	FE
European Starling	SY-F	1352-62735	24-May-14	-	BP=3	FE
European Starling	HY-U	1352-62748	31-May-14	06-Jun-14	HY-U	F/F
Yellow Warbler	ASY-M	2360-85702	29-Jul-07	10-May-14 31-May-14	CP=2 CP=3	-/U F
Yellow Warbler	ASY-M	2500-25610	09-Aug-08	22-May-14 29-May-14	CP=3 CP=3	-/F F
Yellow Warbler	ASY-M	2540-26632	02-May-09	09-May-14 17-May-14	CP=2 CP=3	-/F F
Yellow Warbler	ASY-M	2610-05543	28-May-11	17-May-14	CP=2	-/F
Yellow Warbler	ASY-M	2610-05548	28-May-11	09-May-14 22-May-14	- CP=3	-/U U

Table 7. Continued (page 3 of 6).

Species	Age/Sex	Band No.	Date Banded	Date(s) Recaptured	Breeding Evidence Observed	Loc
Yellow Warbler	ASY-M	2610-05549	28-May-11	24-May-14 06-Jun-14	- CP=3	-/F F
Yellow Warbler	ASY-M	2610-05917	12-May-12	09-May-14 17-May-14 22-May-14 29-May-14 31-May-14	CP=2 CP=3 CP=3 CP=3 CP=3	-/U F U F U
Yellow Warbler	ASY-M	2610-05934	12-May-12	31-May-14	CP=3	-/F
Yellow Warbler	ASY-M	2610-05940	14-May-12	09-May-14 10-May-14 11-May-14	CP=2 CP=2 CP=2	-/U W W
Yellow Warbler	ASY-M	2610-05973	24-May-12	24-May-14 29-May-14	CP=3 CP=3	-/F F
Yellow Warbler	ASY-M	2610-05977	24-May-12	09-May-14 11-May-14 17-May-14 22-May-14 24-May-14	- CP=2 CP=2 CP=3 CP=3	-/F FE FE F F
Yellow Warbler	ASY-M	2660-28195	04-May-13	31-May-14	CP=3	-/U
Yellow Warbler	ASY-M	2660-28258	18-May-13	22-May-14 06-Jun-14	CP=3 CP=3	-/W F
Yellow Warbler	ASY-M	2700-01912	27-May-13	09-May-14	CP=2	-/F
Yellow Warbler	ASY-M	2700-01916	30-May-13	11-May-14	CP=3	-/W
Yellow Warbler	AHY-M	2700-01935	04-Aug-13	10-May-14 29-May-14	- CP=3	-/F F
Yellow Warbler	ASY-M	2700-03373	22-May-14	-	CP=3	F
Yellow Warbler	ASY-M	2700-03373	22-May-14	24-May-14 29-May-14 31-May-14	CP=3 CP=3 CP=3	F/F F F
Yellow Warbler	SY-M	2700-03319	09-May-14	-	CP=2	F
Yellow Warbler	SY-M	2700-03324	09-May-14	-	CP=2	U
Yellow Warbler	SY-M	2700-03332	10-May-14	-	CP=2	W
Yellow Warbler	SY-M	2700-03348	11-May-14	-	CP=2	W
Yellow Warbler	SY-M	2700-03357	11-May-14	22-May-14 29-May-14	CP=2 CP=3	U/U U
Yellow Warbler	SY-M	2700-03370	17-May-14	-	CP=2	F
Yellow Warbler	SY-M	2700-03392	29-May-14	-	CP=3	F
Yellow Warbler	SY-M	2700-03394	29-May-14	-	CP=3	U
Yellow Warbler	SY-M	2700-03400	29-May-14	-	CP=3	U
Yellow Warbler	SY-M	2730-26505	31-May-14	-	CP=2	F
Yellow Warbler	ASY-F	2700-03372	17-May-14	22-May-14 24-May-14 06-Jun-14	- - BP=3	F/FE FE F
Yellow Warbler	ASY-F	2610-05952	19-May-12	22-May-14 31-May-14	Egg? BP=3, egg	-/U U

Table 7. Continued (page 4 of 6).

Species	Age/Sex	Band No.	Date Banded	Date(s) Recaptured	Breeding Evidence Observed	Loc
Common Yellowthroat	ASY-M	2610-05125	02-Sep-10	09-May-14 10-May-14 11-May-14 17-May-14	CP=2 CP=2 CP=2 CP=3	-/U F U U
Common Yellowthroat	ASY-M	2610-05567	10-Aug-11	09-May-14 31-May-14 06-Jun-14	- CP=3 CP=3	-/F F F
Common Yellowthroat	ASY-M	2610-05626	26-Aug-11	17-May-14	CP=3	-/U
Common Yellowthroat	ASY-M	2700-03376	22-May-14	-	CP=2	U
Common Yellowthroat	ASY-M	2700-03399	29-May-14	-	CP=3	W
Common Yellowthroat	SY-M	2700-03061	07-Sep-13	22-May-14 06-Jun-14	CP=2 CP=3	-/W F
Common Yellowthroat	SY-M	2700-03138	22-Sep-13	31-May-14	CP=2	-/U
Common Yellowthroat	SY-M	2700-03397	29-May-14	-	CP=2	F
Common Yellowthroat	SY-M	2730-26513	31-May-14	-	CP=3	F
Song Sparrow ("Lucky")	ASY-M	2281-10323	24-Sep-07	17-May-14	CP=3	-/SW
Song Sparrow	ASY-M	2281-10739	13-Aug-08	11-May-14	CP=3	-/F
Song Sparrow	ASY-M	2281-10870	26-Sep-08	22-May-14 29-May-14	CP=2 CP=2	-/F F
Song Sparrow	ASY-M	2571-96572	08-Jun-13	06-Jun-14	CP=3	-/SW
Song Sparrow	ASY-M	2571-96473	20-Apr-13	24-May-14	CP=3	-/SW
Song Sparrow	ASY-M	2691-22016	06-Apr-14	17-Apr-14 03-May-14	CP=2 CP=2	U/U U
Song Sparrow	ASY-M	2691-22080	09-May-14	-	CP=3	U
Song Sparrow	ASY-M	2691-22083	11-May-14	-	CP=3	U
Song Sparrow	ASY-M	2691-22100	17-May-14	-	CP=3	SW
Song Sparrow	AHY-M	2551-24385	10-Aug-11	17-Apr-14	CP=2	W
Song Sparrow	AHY-M	2571-96564	07-Jun-13	09-Apr-14 17-Apr-14 27-Apr-14 11-May-14	- - CP=2 CP=3	-/F FE F F
Song Sparrow	AHY-M	2571-96607	08-Aug-13	24-May-14 31-May-14	CP=3 CP=3	-/F F
Song Sparrow	AHY-M	2571-96680	31-Aug-13	11-May-14	CP=3	-/F
Song Sparrow	AHY-M	2571-96765	26-Sep-13	17-May-14 31-May-14	CP=3 CP=3	-/F W
Song Sparrow	AHY-M	2691-22015	06-Apr-14	09-Apr-14	CP=2	F/F
Song Sparrow	AHY-M	2691-22078	09-May-14	-	CP=2	U
Song Sparrow	AHY-M	2691-22081	10-May-14	06-Jun-14	CP=3	U/U
Song Sparrow	AHY-M	2691-22105	22-May-14	-	CP=3	FE
Song Sparrow	AHY-M	2691-22112	29-May-14	31-May-14	CP=3	U/F
Song Sparrow	AHY-M	2691-22115	06-Jun-14	-	CP=3	U
Song Sparrow	SY-M	2691-22051	27-Apr-14	09-May-14	CP=3	U/U
Song Sparrow	SY-M	2691-22107	22-May-14	-	CP=3	F

Table 7. Continued (page 5 of 6).

Species	Age/Sex	Band No.	Date Banded	Date(s) Recaptured	Breeding Evidence Observed	Loc
Song Sparrow	AHY-F	2551-65060	12-Apr-12	23-Apr-14 11-May-14 17-May-14 24-May-14 31-May-14	- BP=3, egg BP=3, egg BP=3 BP=3	-/F F F F F
Song Sparrow	AHY-F	2571-96605	08-Aug-13	24-May-14	BP=3	-/W
Song Sparrow	SY-F	2691-22034	19-Apr-14	06-Jun-14	BP=3, egg	F/F
Song Sparrow	SY-F	2691-22049	27-Apr-14	17-May-14	BP=3, egg	F/F
Swamp Sparrow	ASY-M	2591-25074	22-Sep-13	22-May-14	CP=3	-/SW
Swamp Sparrow	AHY-M	2621-10257	29-May-14	-	CP=3	F
Swamp Sparrow	SY-M	2621-10139	23-Apr-14	31-May-14	CP=3	U/U
Swamp Sparrow	SY-M	2621-10151	27-Apr-14	-	CP=2	FE
Swamp Sparrow	SY-M	2621-10225	17-May-14	-	CP=3	F
Swamp Sparrow	SY-M	2621-10226	17-May-14	-	CP=3	F
Swamp Sparrow	SY-M	2621-10248	24-May-14	-	CP=2	F
Northern Cardinal	AHY-F	1352-36797	10-May-14	-	BP=3	U
Northern Cardinal	AHY-F	1352-62704	11-May-14	-	BP=3	F
Red-winged Blackbird	ASY-M	1292-72883	07-Apr-12	27-Apr-14	CP=2	-/F
Red-winged Blackbird	ASY-M	1292-72885	07-Apr-12	24-May-14	CP=3	-/F
Red-winged Blackbird	ASY-M	1342-38546	17-Apr-13	31-May-14	CP=3	-/SW
Red-winged Blackbird	ASY-M	1342-38568	27-Apr-13	23-Apr-14	CP=2	-/SW
Red-winged Blackbird	ASY-M	1352-36700	17-Apr-14	09-May-14	CP=2	FE
Red-winged Blackbird	ASY-M	1352-36703	17-Apr-14	-	CP=2	FE
Red-winged Blackbird	ASY-M	1352-36706	17-Apr-14	-	CP=2	F
Red-winged Blackbird	ASY-M	1352-36781	09-May-14	29-May-14	CP=3	W/W
Red-winged Blackbird	ASY-M	1352-36784	09-May-14	-	CP=3	U
Red-winged Blackbird	ASY-M	1352-62707	11-May-14	-	CP=3	U
Red-winged Blackbird	ASY-M	1352-62755	31-May-14	06-Jun-14	CP=3	U/U
Red-winged Blackbird	AHY-M	1352-36786	09-May-14	-	CP=3	U
Red-winged Blackbird	SY-M	1352-36710	17-Apr-14	09-May-14	CP=2	SW/F
Red-winged Blackbird	SY-M	1352-36726	19-Apr-14	24-May-14	CP=3	F/W
Red-winged Blackbird	SY-M	1352-36757	03-May-14	24-May-14 31-May-14	CP=1 CP=2	F/SW U
Red-winged Blackbird	SY-M	1352-36799	10-May-14	-	CP=2	W
Red-winged Blackbird	SY-M	1352-62708	11-May-14	-	CP=2	F
Red-winged Blackbird	SY-M	1352-62726	24-May-14	-	CP=3	F
Red-winged Blackbird	SY-M	1352-62731	24-May-14	-	CP=2	SW
Red-winged Blackbird	SY-M	1352-62737	24-May-14	-	CP=1	SW
Red-winged Blackbird	SY-M	1352-62740	29-May-14	-	CP=2	SW
Red-winged Blackbird	SY-M	1352-62745	29-May-14	-	CP=2	SW
Red-winged Blackbird	SY-M	1352-62746	29-May-14	-	CP=2	SW
Red-winged Blackbird	SY-M	1352-62750	31-May-14	-	CP=2	F
Red-winged Blackbird	SY-M	1352-62759	06-Jun-14	-	CP=2	W
Red-winged Blackbird	ASY-F	2411-55337	19-May-12	06-Jun-14	BP=3	-/SW
Red-winged Blackbird	ASY-F	2561-68408	10-May-14	-	BP=2, egg	U
Red-winged Blackbird	ASY-F	2561-68414	11-May-14	31-May-14	BP=2	U/U

Table 7. Continued (page 6 of 6).

Species	Age/Sex	Band No.	Date Banded	Date(s) Recaptured	Breeding Evidence Observed	Loc
Red-winged Blackbird	ASY-F	2561-68429	22-May-14	-	BP=3	U
Red-winged Blackbird	SY-F	2561-68424	17-May-14	-	BP=3	SW
Red-winged Blackbird	SY-F	2561-68430	24-May-14	-	BP=3	F
Red-winged Blackbird	SY-F	2561-68431	24-May-14	-	BP=3	SW
Red-winged Blackbird	SY-F	2561-68432	24-May-14	-	BP=3	SW
Red-winged Blackbird	SY-F	2561-68434	24-May-14	-	BP=3	U
Red-winged Blackbird	SY-F	2561-68434	24-May-14	-	BP=3	U
Red-winged Blackbird	SY-F	2561-68435	24-May-14	-	BP=3	SW
Red-winged Blackbird	SY-F	2561-68439	31-May-14	-	BP=3, egg	U
Red-winged Blackbird	SY-F	2561-68440	31-May-14	-	BP=3	SW
Common Grackle	ASY-M	1603-53384	08-Jun-13	31-May-14	CP=2	-/W
Common Grackle	ASY-M	1603-53419	24-May-14	-	CP=2	SW
Common Grackle	ASY-M	1603-53421	24-May-14	-	CP=1	SW
Common Grackle	ASY-M	1603-53425	29-May-14	-	CP=2	SW
Common Grackle	ASY-M	1603-53429	29-May-14	-	CP=3	W
Common Grackle	ASY-M	1603-53436	06-Jun-14	-	CP=2	SW
Common Grackle	ASY-M	1603-63437	06-Jun-14	-	CP=2	SW
Common Grackle	AHY-F	1603-53306	18-Apr-12	24-May-14	BP=3	-/U
Common Grackle	ASY-F	1603-53417	24-May-14	-	BP=3, egg	U
Common Grackle	ASY-F	1603-53420	24-May-14	-	BP=3, egg	W
Common Grackle	ASY-F	1603-53428	29-May-14	-	BP=3	SW
Common Grackle	ASY-F	1603-53433	31-May-14	-	BP=3	W
Common Grackle	SY-F	1603-53399	03-May-14	-	BP=2, egg	F
Common Grackle	SY-F	1603-53401	03-May-14	-	BP=3	W
Common Grackle	SY-F	1603-53406	10-May-14	-	BP=3	SW
Common Grackle	SY-F	1603-53415	24-May-14	-	BP=3	SW
Common Grackle	SY-F	1603-53416	24-May-14	-	BP=3	SW
Common Grackle	SY-F	1603-53418	24-May-14	-	BP=3, egg	W
Common Grackle	SY-F	1603-53422	24-May-14	-	BP=3	SW
Common Grackle	SY-F	1603-53424	29-May-14	-	BP=3, egg	SW
Common Grackle	SY-F	1603-53426	29-May-14	-	BP=3	W
Common Grackle	SY-F	1603-53427	29-May-14	-	BP=3	W
Common Grackle	SY-F	1603-53430	29-May-14	-	BP=3	SW
Common Grackle	SY-F	1603-53431	31-May-14	-	BP=3	W
Common Grackle	SY-F	1603-53432	31-May-14	-	BP=2, egg	W
Common Grackle	SY-F	1603-53434	31-May-14	-	BP=3	W
Common Grackle	SY-F	1603-53435	06-Jun-14	-	BP=3	SW
Baltimore Oriole	ASY-M	2411-55316	12-May-12	09-May-14 06-Jun-14	- CP=3	-/U FE
Baltimore Oriole	ASY-F	2561-68433	24-May-14	-	BP=3	FE

WEIGHT GAINS/LOSSES

One measure of the value of an area to migrant birds is the weight gain of those birds using the area. There is much variation from day to day, and year to year, with regard to how birds use an area, the condition they're in when they arrive, and how long they'll tend to use an area. In spring, birds are in more of a hurry to reach breeding grounds, so stopover durations tend to be shorter, and usually fewer weight gains are noted. As in previous spring seasons, there were more birds with weight gains than losses this spring, but this year only slightly more; and 7 birds showed no gain or loss. Only a few were pure migrants: 3 Brown Creepers, 1 Golden-crowned Kinglet, 1 Hermit Thrush, 1 Wilson's Warbler, and 4 Fox Sparrows. All other recaptured migrants were species, and probably individuals, that nest at Lake St. Clair Metropark. Many of the weight gains, especially those greater than 10%, can be attributed to females forming eggs prior to laying, and these individuals also contribute to a longer average stopover time. Table 8 below provides details of weight gains and losses detected during Spring 2014.

It is clear that this small and rather isolated patch of habitat at Lake St. Clair Metropark continues to be an important stopover and refueling (feeding) site for migrating birds.

Table 8. Same season recaptures of migrants (with weight gain or loss noted). (Bold = Neotropical Migrant). Permanent Resident species are not included in this table.

Species	Band No.	Age/Sex	Date Banded	Date Recaptured	No. of days	Original Weight (g)	Weight at Recapture (g)	Gain/Loss (g)	Gain/Loss (%)
Northern Flicker	1603-53409	SY-M	11-May-14	17-May-14	6	138.4	134.8	-3.6	-2.6%
"Traill's" Flycatcher	2610-05976	AHY-U	24-May-12	22-May-14 31-May-14	- 9	- 14.7	14.7 13.3	-1.4	-9.5%
"Traill's" Flycatcher	2700-03363	AHY-U	17-May-14	24-May-14	7	12.4	13.0	+0.6	+4.8%
Brown Creeper	2630-26236	AHY-U	17-Apr-14	19-Apr-14	2	8.2	7.7	-0.5	-6.1%
Brown Creeper	2630-26237	AHY-U	17-Apr-14	19-Apr-14	2	7.0	7.1	+0.1	+1.4%
Brown Creeper	2630-26240	AHY-U	17-Apr-14	19-Apr-14	2	8.8	7.8	-1.0	-11.4%
House Wren	2700-03290	AHY-M	03-May-14	17-May-14 22-May-14	14 19	10.9 10.9	10.4 10.9	0	0%
House Wren	2700-03377	AHY-M	22-May-14	06-Jun-14	15	9.8	10.3	+0.5	+5.1%
House Wren	2700-03386	AHY-F	22-May-14	29-May-14 06-Jun-14	7 15	11.3 11.6	14.0 11.6	+0.3	+2.6%
Golden-crowned Kinglet	2630-26220	AHY-M	06-Apr-14	09-Apr-14	3	5.3	5.9	+0.6	+11.3%
Hermit Thrush	2691-22041	SY-U	23-Apr-14	27-Apr-14 17-May-14	4 24	27.4 27.0	27.0 27.4	0	0%
American Robin	1352-36751	AHY-M	03-May-14	10-May-14	7	79.7	80.4	+0.7	+0.9%
American Robin	1292-72921	AHY-F	12-Apr-12	09-Apr-14 23-Apr-14 17-May-14	- 14 38	- 78.1 81.0	78.1 81.0 78.2	+0.1	+0.1%
Yellow Warbler	2360-85702	ASY-M	29-Jul-07	10-May-14 31-May-14	- 21	- 9.3	9.3 9.3	0	0%
Yellow Warbler	2500-25610	ASY-M	09-Aug-08	22-May-14 29-May-14	- 7	- 9.5	9.5 9.7	+0.2	+2.1%
Yellow Warbler	2540-26632	ASY-M	02-May-09	09-May-14 17-May-14	- 8	- 9.3	9.3 9.9	+0.6	+6.4%
Yellow Warbler	2610-05548	ASY-M	28-May-11	09-May-14 22-May-14	- 13	- 10.2	10.1 10.2	+0.1	+1.0%
Yellow Warbler	2610-05549	ASY-M	28-May-11	24-May-14 06-Jun-14	- 13	- 9.8	9.4 9.8	+0.4	+4.2%

Table 8. Continued (page 2 of 4).

Species	Band No.	Age/Sex	Date Banded	Date Recaptured	No. of days	Original Weight (g)	Weight at Recapture (g)	Gain/Loss (g)	Gain/Loss (%)
Yellow Warbler	2610-05917	ASY-M	12-May-12	09-May-14	-	-	9.5		
				17-May-14	8	9.5	10.0		
				22-May-14	13	10.0	9.9		
				29-May-14	20	9.9	9.8		
				31-May-14	22	9.8	9.8	+0.3	+3.2%
Yellow Warbler	2610-05940	ASY-M	14-May-12	09-May-14	-	-	8.8		
				10-May-14	1	8.8	9.5		
				11-May-14	2	9.5	9.3	+0.5	+5.7%
Yellow Warbler	2610-05973	ASY-M	12-May-12	24-May-14	-	-	9.6		
				29-May-14	5	9.6	9.5	-0.1	-1.0%
Yellow Warbler	2610-05977	ASY-M	24-May-12	09-May-14	-	-	9.5		
				11-May-14	2	9.5	9.8		
				17-May-14	8	9.8	9.6		
				22-May-14	13	9.6	10.4		
				24-May-14	15	10.4	9.2	-0.3	-3.2%
Yellow Warbler	2660-28258	ASY-M	18-May-13	22-May-14	-	-	9.2		
Yellow Warbler	2700-03373	ASY-M	22-May-14	06-Jun-14	15	9.2	9.2	0	0%
				24-May-14	2	9.9	9.9		
				29-May-14	7	9.9	9.6		
Yellow Warbler	2700-03357	SY-M	11-May-14	31-May-14	9	9.6	9.7	-0.2	-2.0%
				22-May-14	11	10.4	10.5		
Yellow Warbler	2360-85298	ASY-F	19-May-08	29-May-14	18	10.6	10.6	+0.1	+1.0%
				17-May-14	-	-	9.0		
				22-May-14	5	9.0	9.7		
Yellow Warbler	2610-05952	ASY-F	19-May-12	29-May-14	12	9.7	9.9	+0.9	+10.0%
				22-May-14	-	-	10.8		
Yellow Warbler	2660-28193	ASY-F	04-May-13	31-May-14	9	10.8	10.7	-0.1	-0.9%
				09-May-14	-	-	9.2		
Yellow Warbler	2660-28296	ASY-F	24-May-13	22-May-14	13	9.2	9.2	0	0%
				09-May-14	-	-	8.8		
Yellow Warbler	2700-01935	ASY-F	04-Aug-13	10-May-14	1	8.8	9.0	+0.2	+2.3%
				29-May-14	19	9.4	9.5	+0.1	+1.1%
Yellow Warbler	2700-03341	ASY-F	10-May-14	22-May-14	12	9.5	9.2	-0.3	-3.2%
Yellow Warbler	2700-03372	ASY-F	17-May-14	22-May-14	5	8.6	8.9		
				24-May-14	7	8.9	9.0		
				06-Jun-14	20	10.4	10.4	+1.5	+17.4%
Yellow Warbler	2700-03367	SY-F	17-May-14	22-May-14	5	8.8	8.9	+0.1	+1.1%
Yellow Warbler	2700-03371	SY-F	17-May-14	22-May-14	5	9.8	9.9	+0.1	+1.0%
Common Yellowthroat	2610-05125	ASY-M	02-Sep-10	22-May-14	5	8.8	8.9	+0.1	+1.1%
				09-May-14	-	-	10.2		
				10-May-14	1	10.2	10.5		
				11-May-14	2	10.5	10.7		
Common Yellowthroat	2610-05567	ASY-M	10-Aug-11	17-May-14	8	10.7	10.6	+0.4	+3.9%
				09-May-14	-	-	9.3		
				31-May-14	22	9.3	9.8		
Common Yellowthroat	2700-01945	SY-M	04-Aug-13	06-Jun-14	28	9.8	9.7	+0.4	+4.3%
				10-May-14	-	-	9.4		
Common Yellowthroat	2700-03061	SY-M	07-Sep-13	17-May-14	7	9.4	10.2	+0.8	+8.5%
				22-May-14	-	-	10.9		
Common Yellowthroat	2700-01922	ASY-F	07-Jun-13	06-Jun-14	15	10.2	10.2	-0.7	-6.4%
				09-May-14	-	-	10.2		
				11-May-14	2	10.2	9.5		
Common Yellowthroat				17-May-14	8	9.5	9.4	-0.8	-7.8%

Table 8. Continued (page 3 of 4).

Species	Band No.	Age/Sex	Date Banded	Date Recaptured	No. of days	Original Weight (g)	Weight at Recapture (g)	Gain/ Loss (g)	Gain/ Loss (%)
Wilson's Warbler	2630-26291	SY-M	22-May-14	24-May-14	2	8.1	8.2	+0.1	+1.2%
Fox Sparrow	2561-68357	AHY-U	06-Apr-14	09-Apr-14	3	35.3	37.8	+2.5	+7.1%
Fox Sparrow	2561-68358	AHY-U	06-Apr-14	09-Apr-14	3	36.5	36.7	+0.2	+0.5%
Fox Sparrow	2561-68360	AHY-U	06-Apr-14	09-Apr-14	3	40.2	40.0	-0.2	-0.5%
Fox Sparrow	2561-68361	AHY-U	06-Apr-14	09-Apr-14	3	43.3	42.4	-0.9	-2.1%
Song Sparrow	2571-96564	AHY-M	07-Jun-13	09-Apr-14 17-Apr-14 27-Apr-14 11-May-14	- 8 18 32	- 20.7 20.9 21.8	20.7 20.9 21.8 21.7	+1.0	+4.8%
Song Sparrow	2571-96607	AHY-M	08-Aug-13	24-May-14 31-May-14 06-Jun-14	- 7 13	- 20.1 20.4	20.1 20.4 20.5	+0.4	+2.0%
Song Sparrow	2571-96754	AHY-M	26-Sep-13	17-May-14 31-May-14	- 14	- 20.0	20.0 20.9	+0.9	+4.5%
Song Sparrow	2691-22015	AHY-M	06-Apr-14	09-Apr-14	3	20.3	20.7	+0.4	+2.0%
Song Sparrow	2691-22016	AHY-M	06-Apr-14	17-Apr-14 03-May-14	11 27	21.4 20.9	20.9 21.5	+0.6	+2.8%
Song Sparrow	2691-22081	AHY-M	10-May-14	06-Jun-14	27	20.9	21.8	+0.9	+4.3%
Song Sparrow	2691-22112	AHY-M	29-May-14	31-May-14	2	21.1	20.8	-0.3	-1.4%
Song Sparrow	2691-22051	SY-M	27-Apr-14	09-May-14	12	20.5	20.5	0	0%
Song Sparrow	2551-65060	AHY-F	12-Apr-12	23-Apr-14 11-May-14 17-May-14 24-May-14 31-May-14	- 18 24 31 38	- 22.8 21.8 22.2 19.9	22.8 21.8 22.2 19.9 21.6	-1.2	-5.2%
Song Sparrow	2691-22034	SY-F	19-Apr-14	06-Jun-14	48	19.3	17.9	-1.4	-7.2%
Song Sparrow	2691-22049	SY-F	27-Apr-14	17-May-14	20	28.4	24.0	-4.4	-15.5%
Song Sparrow	2691-22042	SY-U	23-Apr-14	03-May-14	10	19.0	19.9	+0.9	+4.7%
Swamp Sparrow	2621-10139	AHY-M	23-Apr-14	31-May-14	38	18.1	18.1	0	0%
Swamp Sparrow	2621-10137	AHY-U	19-Apr-14	23-Apr-14 27-Apr-14	4 8	16.0 16.9	16.9 16.3	+0.3	+1.9%
Swamp Sparrow	2621-10153	AHY-U	27-Apr-14	03-May-14	6	19.5	20.3	+0.8	+4.1%
Swamp Sparrow	2621-10205	AHY-U	10-May-14	17-May-14	7	15.2	18.6	+3.4	+22.4%
Swamp Sparrow	2621-10184	SY-U	09-May-14	11-May-14	2	18.0	16.6	-1.4	-7.8%
Red-winged Blackbird	1352-36700	ASY-M	17-Apr-14	09-May-14	22	71.7	65.7	-6.0	-8.4%
Red-winged Blackbird	1352-36781	ASY-M	09-May-14	29-May-14	20	65.3	67.8	+2.5	+3.8%
Red-winged Blackbird	1352-62755	ASY-M	31-May-14	06-Jun-14	6	67.0	63.2	-3.8	-5.7%
Red-winged Blackbird	1352-36710	SY-M	17-Apr-14	09-May-14	22	67.6	67.1	-0.5	-0.7%
Red-winged Blackbird	1352-36713	SY-M	17-Apr-14	22-May-14	35	73.1	68.1	-5.0	-6.8%
Red-winged Blackbird	1352-36725	SY-M	19-Apr-14	09-May-14	20	62.6	61.3	-1.3	-2.1%
Red-winged Blackbird	1352-36726	SY-M	19-Apr-14	24-May-14	35	67.2	64.7	-2.5	-3.7%
Red-winged Blackbird	1352-36743	SY-M	27-Apr-14	24-May-14	27	69.0	67.6	-1.4	-2.0%
Red-winged Blackbird	1352-36757	SY-M	03-May-14	24-May-14 31-May-14	21 28	70.3 65.7	65.7 67.0	-3.3	-4.7%
Red-winged Blackbird	2561-68401	ASY-F	09-May-14	11-May-14	2	41.6	40.4	-1.2	-2.9%
Red-winged Blackbird	2561-68414	ASY-F	11-May-14	31-May-14	20	50.5	44.9	-5.6	-11.1%
Red-winged Blackbird	2561-68369	SY-F	17-Apr-14	23-Apr-14	6	40.5	37.2	-3.3	-8.1%
Red-winged Blackbird	2561-68371	SY-F	17-Apr-14	23-Apr-14	6	43.0	44.7	+1.7	+4.0%
Red-winged Blackbird	2561-68376	SY-F	19-Apr-14	09-May-14	20	39.2	40.2	+1.0	+2.6%
Red-winged Blackbird	2561-68386	SY-F	03-May-14	17-May-14	14	41.0	40.8	-0.2	-0.5%
Red-winged Blackbird	2561-68412	SY-F	11-May-14	17-May-14	6	40.7	42.0	+1.3	+3.2%
Red-winged Blackbird	2561-68437	SY-F	29-May-14	31-May-14	2	41.9	39.3	-2.6	-6.2%

Table 8. Continued (page 4 of 4).

Species	Band No.	Age/Sex	Date Banded	Date Recaptured	No. of days	Original Weight (g)	Weight at Recapture (g)	Gain/Loss (g)	Gain/Loss (%)
Baltimore Oriole	2231-53480	ASY-M	29-May-09	09-May-14 10-May-14	- 1	- 35.6	35.6 35.3	-0.3	-0.8%
Baltimore Oriole	2411-55121	ASY-F	10-Aug-11	09-May-14 11-May-14 17-May-14	- 2 8	- 31.4 32.2	31.4 32.2 34.6	+3.2	+10.2%
Baltimore Oriole	2411-55316	ASY-M	12-May-12	09-May-14 06-Jun-14	- 28	- 38.8	38.8 35.5	-3.3	-8.5%
Baltimore Oriole	2561-68235	AHY-M	24-May-13	09-May-14 11-May-14	- 2	- 33.6	33.6 31.6	-2.0	-6.0%
Baltimore Oriole	2561-68402	ASY-F	09-May-14	11-May-14 17-May-14	2 8	- 29.5	29.5 32.9	+3.4	+11.5%
Baltimore Oriole	2561-68405	ASY-F	10-May-14	17-May-14	7	35.9	34.5	-1.4	-3.9%
American Goldfinch	2660-28186	ASY-F	20-Apr-13	23-Apr-14 06-Jun-14	- 13	- 13.4	13.4 13.2	-0.2	-1.5%
American Goldfinch	2591-24593	SY-M	29-Aug-13	10-May-14 06-Jun-14	- 27	- 12.4	12.4 11.8	-0.6	-4.8%
American Goldfinch	2591-24611	SY-M	31-Aug-13	09-Apr-14 17-May-14	- 28	- 12.1	12.1 11.7	-0.4	-3.3%
American Goldfinch	2621-10174	SY-M	09-May-14	22-May-14	13	11.2	10.7	-0.5	-4.5%
American Goldfinch	2591-25058	SY-F	22-Sep-13	18-May-13 24-May-13	- 6	- 11.8	11.8 12.5	+0.7	+5.9%
American Goldfinch	2621-10122	SY-F	06-Apr-14	09-May-14	33	11.8	12.0	+0.2	+1.7%
Minimum Stopover (days)					1	-	-	-	-
Maximum Stopover (days)					48	-	-	-	-
Average Stopover (days)					13.8	-	-	-	-
Total birds with weight gains								44	-
Total birds with weight loss								39	-
Average weight gain									4.7%
Average weight loss									4.9%

Photo highlights of this spring's banding can be found at the end of this report.

ACKNOWLEDGMENTS

I would like to thank the park management for giving us permission to band in the park, and drive our cars into a closed area. I would also like to thank the staff at the Nature Center for their continuing support: Julie Champion, Chris Becher, Nick Dicresce, Sarah Matuszak, and Michelle Serreyn.

Banding this spring simply could not have been done without the able assistance of the following 20 volunteers (17 in spring 2013, 30 in spring 2012, 13 in spring 2011 and 23 in spring 2010): John Bieganowski, Patrick Bohm, Mike Carnill, Robyn Carnill, Jacob Charlebois, Annie Crary, Jean Gramlich, John Hummel, Dave Lancaster, Steve Mangas, Kathy McDonald, Marie McGee, Anne Ross, Tom Schlack, Edie Schmitz, Michelle Serryn, Jeff Silence, Sarah Toner, Judi Wade, and Blanche Wicke.

SPRING BANDING 2014 - PHOTO HIGHLIGHTS



The station's first American Kestrel was this colorful after hatch-year male caught in the Field Nets on 17 April 2014.



Adult Virginia Rails have reddish-brown eyes and bright red-orange on their bills.



Wet conditions this spring resulted in the capture of several waterbird species, including the station's 3rd Virginia Rail on 11 May 2014.



The station's 2nd Wilson's Snipe was this second-year female (aged and sexed by plumage characters) was banded on 9 May 2014.

SPRING BANDING 2014 - PHOTO HIGHLIGHTS



Second-year female Wilson's Snipe on 9 May 2014.



This after hatch-year female (females have larger black breast spots than males) Spotted Sandpiper on 9 May 2014 was the 2nd ever banded at the station.



Tail of second-year female Wilson's Snipe. The outer tail feather would be narrower on a male, and the width of black bars is also supportive of it being a female.



Another Spotted Sandpiper, this one an after second-year female, was captured this spring on 22 May 2014. Yet another individual, the 3rd this spring, was caught this same day, at the same time, in the same net (Field Nets)!

SPRING BANDING 2014 - PHOTO HIGHLIGHTS



Only a few Red-bellied Woodpeckers have been banded at the station. This nice after second-year male on 24 May 2014 was only the 5th since 2004.



It was a fairly good spring for Northern Rough-winged Swallows. If you look carefully, you can see the serrated leading edge of the outermost primary of this after hatch-year male, banded on 31 May 2014.



This after hatch-year Acadian Flycatcher on 22 May 2014 was only the 3rd banded at the station since 2004.



A larger bill, muted greenish back color, and narrow but complete pale yellowish eye ring are all good characters for identifying Acadian Flycatcher.

SPRING BANDING 2014 - PHOTO HIGHLIGHTS



This after hatch-year male Eastern Kingbird was only the 4th banded at the station since 2004.



This after hatch-year Swainson's Thrush, already banded, was perhaps the biggest surprise of the season as it had been banded in Veracruz, Mexico only 28 days before!



Both sexes show the red-orange crown patch, so determining that this was a male was done based on the shapes of the outer primaries.



It was immediately apparent this band was something different, with the inscription "Tierradeaves.com" revealing the website of the banding location.

SPRING BANDING 2014 - PHOTO HIGHLIGHTS



Blackpoll Warblers are fairly commonly banded in fall at this site, but this after hatch-year female on 31 May 2014 was the first in spring since 2004, and only the 6th in spring here since 1990.



Northern Waterthrushes can be white, but Louisianas aren't yellow. So, with only a half a field mark in our favor, we need to look deeper. Louisiana's buff flanks aren't visible here, but the broad white supercilium and clean white throat can clearly be seen.



Only the 2nd Louisiana Waterthrush ever banded at the station was this after hatch-year male captured on 17 April 2014. Due to the rarity of this species in the area, it was assumed this was the singing male that was present before and after this date in the banding area.



And the bill of Louisiana Waterthrush is on average bigger than Northern's. Note that there can sometimes be a few tiny dark spots on the throat of Louisiana Waterthrush.

SPRING BANDING 2014 - PHOTO HIGHLIGHTS



This after hatch-year Savannah Sparrow, banded on 24 May 2014 was the 6th in spring since 2004, the 8th overall since 2004, and 9th since 1990. The late date of this capture suggests it may have been nesting somewhere in the park.



Savannah Sparrow is often said to have a white eye ring, but every one that has been banded at this station has had a pale yellow eye ring.



Indigo Buntings are infrequently banded at this station, and less often in spring, so it was nice to catch this after second-year male on 17 May 2014.



This female Wood Duck blundered into the single Upland Net, near the swampy end, on 31 May 2014. It was not banded because waterfowl banding requires special federal and state permits, which this station does not possess. But we did take a close look at her, and a bunch of photos, before we released her.

SPRING BANDING 2014 - PHOTO HIGHLIGHTS



Iridescent wing feathers of female Wood Duck.



Close-up of head of female Wood Duck.