

Fall 2013 Bird Banding Summary
Metro Beach Banding Station
Lake St. Clair Metropark, Macomb County, Michigan



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Banding Permit No. 23156

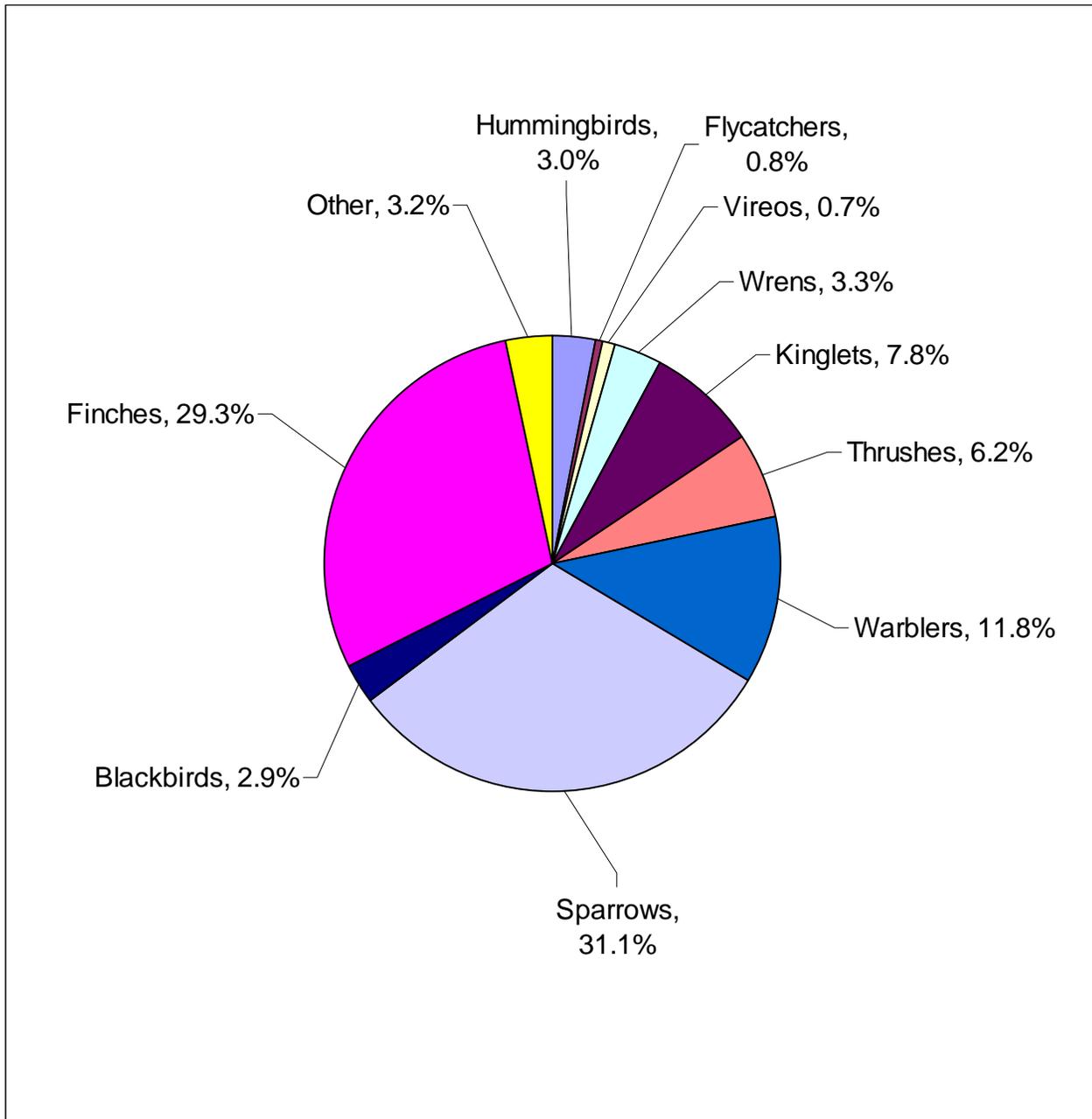
INTRODUCTION

The fall of 2013 was the ninth fall season of a renewed banding study. Net lanes were almost completely dry at the beginning of the banding season, and only small patches of mud remaining from the wet summer season. Temperatures during all three months were near normal, while precipitation was above normal in August and September and near normal in October. More days than normal had to be canceled and rescheduled due to rain. Vegetation was generally about waist high out in the field areas, shorter than it was after last year's drought when some of the Boneset (*Eupatorium altissimum*) was head high. Jewelweed (*Impatiens capensis*), an important nectar source for migrating hummingbirds, was 4-5 feet tall around the Willow, Field Edge, and Field Nets in early August and had lots of blooms through mid-September. It was not significantly browsed by White-tailed Deer. Vegetation around the Field Nets consisted mainly of dogwood (*Cornus* sp.) as the dead ash tree had fallen last winter. This seems to have changed the foraging patterns of some species in the area, and may have been solely responsible for increased captures of American Goldfinch, House Finch, Mourning Dove, Red-winged Blackbird, and possibly some of the sparrows including Song, White-throated, and White-crowned. Around the Field Edge net, where hummingbird feeders are placed to lure them in, the dogwoods remain dead after the apparent accidental spraying of them in fall 2011. Despite the barren nature of the area around this net, it was still fairly productive. A small dogwood was transplanted from the Field Nets area in the hope that it will spread and return the cover to this net area. *Phragmites* was still present in a few areas surrounding the Field Nets but not as abundantly as last fall. Spraying of herbicide was again conducted in early September as part of a multi-year program to eradicate this invasive from the park. Bird banding in this area will provide a unique opportunity to study the response of breeding and migrating birds to the eradication of *Phragmites*. White-tailed Deer remain a problem in the banding area, though no mist nets were destroyed this fall.

FALL 2013 RESULTS

Banding was conducted on 26 days between 4 August and 3 November with nets open a total of 178.75 hours (2315.25 net hours). This meets the desired coverage level for comparability between years. This was the highest number of net hours since 2005 and almost 300 hours more than the previous record. Hummingbird feeders and thistle socks were placed in the same locations as last year, Field Edge and Field respectively, with thistle out all season and hummingbird feeders up until the first week of October. Early morning audio-luring for Northern Saw-whet and Eastern Screech-Owls was attempted in late October and early November for the fourth fall season. The total of 2645 new birds of 81 species was the highest ever at this locale for number banded and for number of species. Also there were 543 recaptures (about half were American Goldfinches) and 59 released unbanded, for a total of 3247 captures. The overall capture rate was 140.3 birds per 100 net hours. This is the second highest capture rate ever, and only slightly less than last year's record.

Figure 1. Percentages of bird families banded during fall 2013.



A comparison summary of all fall banding results since 2005 is shown in Table 1 below.

Table 1. Comparisons of annual fall banding effort, capture rates, and species diversity.

Year	Days	Net Hrs.	No. Banded	No. Recaptures	Released unbanded	Total Captures	Capture Rate*	No. Species
2005	22	1066.00	868	102	26	996	93.4	58
2006	24	1618.19	1493	155	33	1681	103.9	60
2007	19	1336.94	959	116	36	1111	83.1	60
2008	22	1891.00	1841	341	40	2222	117.5	77
2009	22	1765.44	1639	231	32	1902	107.7	71
2010	24	1776.69	2201	268	53	2522	141.9	71
2011	25	2057.38	2115	297	53	2465	119.8	79
2012	26	2067.12	1889	215	46	2150	104.0	76
2013	26	2315.25	2645	543	59	3247	140.3	81

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

Peak days of more than 100 birds banded are notable, with a total of only 41 such days from 1989-2008. Before 2008 no more than two such days per fall season was the norm. This season there were 10 days with more than 100 birds. The 118 on 8 August was the first ever 100+ day in August. Three of these days exceeded 200 birds, nearly doubling the total number of days ever to meet this threshold at this site. The 226 on 3 October broke the all-time record by more than 20 birds, and then 286 were banded on 10 October raising the record considerably higher. And then, on 12 October another 243 were banded, for more than 750 birds banded on three days across a nine day period!

Ruby-throated Hummingbird numbers were very close to the recent 8-year average. Mourning Doves were banded in record numbers, possibly for the same reasons noted below for American Goldfinch and House Finch. Woodpeckers were scarce once again, with the exception of the record (but low) number of Northern Flickers. The trend since 2005 has been for flycatchers to be caught in lower numbers than during the 1990-1999 period, and that was again the case this fall with the exceptions of Eastern Wood-Pewee and Willow Flycatcher which were banded in good, but not record numbers. Vireo trends have also been low in the current 2005-2013 period, especially for Red-eyed, and that trend continued with the exception of a good number of Philadelphia Vireos. Blue Jay was missed for the third fall season in a row, and only the third fall ever. Black-capped Chickadees were banded in well below average numbers, while Brown Creepers were about average or slightly below. It was an excellent season for wrens, with House and Winter Wrens, and the best season for Marsh Wrens since 1997. Kinglets were banded in good numbers. Most thrush numbers were once again down significantly, with both Gray-cheeked and Swainson's at about 30% of the 8-year average. The exceptions were Hermit Thrushes, which tied the all-time record for the species for a single fall season, and Wood Thrush which missed the record by one individual. Most American Robins in fall are banded during August, and consist mainly of juveniles. The number banded this fall was well below the 8-year average. The number of Gray Catbirds banded was the second lowest since 2005.

After last fall's good number of warblers, this season had a rather poor showing for several species, with below or well below average numbers for Nashville, Chestnut-sided, Magnolia, Black-throated Blue, Yellow-rumped, Bay-breasted, American Redstart, Northern Waterthrush, Wilson's and Canada warblers. Black-throated Green, Blackburnian, and most amazingly Black-and-white, were missed entirely. The only warblers banded in good numbers were Yellow, Palm (record), Blackpoll, Connecticut (fall record), and Common Yellowthroat. Northern Cardinals continued to be captured in very low numbers for the third fall in a row. Sparrows were banded in very good numbers, with record or near record numbers of Field, Song, Lincoln's White-throated, White-crowned, and

Dark-eyed Junco. American Tree Sparrows and Swamp Sparrows were captured in about average numbers, while Fox Sparrows were well below average. Red-winged Blackbirds were caught in very good (record for fall) numbers, with a few even captured after August when most juveniles are typically banded. The single Baltimore Oriole banded was well below average. American Goldfinches were banded in record numbers, well above the previous record from 2010. Virtually all of them were caught in the Field Nets, where thistle feeders have been put out for the past several years. This year, however, the ash tree in the center of the setup fell down last winter (it died in 2010) so it appears that their foraging pattern brought them lower to the ground, and more easily captured. The same can probably be said for the record number of House Finches banded this fall.

The first ever Red-tailed Hawk for the station was banded on 31 August, with a second on 3 November! An attempt to audio-lure for rails on 12 September met with immediate success and the station's first ever Sora. Subsequent audio luring in the same area for the next two weeks did not succeed. The second Eastern Screech-Owl ever at the station, caught on 20 October, was the result of persistent audio luring in the approximately 90 minutes before sunrise available in the last half of October. A Red-bellied Woodpecker was only the second in fall since 2005. Two Brown Thrashers were a record for the fall season. The Yellow-breasted Chat on 10 October was not only unusually late, but was only the third here since 2004, and the second in fall. The Scarlet Tanager was the first in fall since 2005, and only the third since 2004 at any season. Two Savannah Sparrows were the first ever in the fall season. Other infrequently captured species included a Great Crested Flycatcher, a Tufted Titmouse, a White-breasted Nuthatch, a Carolina Wren, a Blue-gray Gnatcatcher (very infrequent in fall), a Cape May Warbler, two Rose-breasted Grosbeaks, three Indigo Buntings, and an Eastern Towhee.

Details for all species captured this fall are shown in Table 6 below.

Interesting late records this fall included a late House Wren on 17 October, a late Marsh Wren also on 17 October, two late Wood Thrushes on 10 October, a late Orange-crowned Warbler on 30 October, a late Yellow Warbler on 14 September, a late Mourning Warbler on 12 September (recaptured on 14 September), a late Common Yellowthroat on 30 October, a late Canada Warbler on 29 September, a late Yellow-breasted Chat on 10 October, a late Indigo Bunting on 3 October, and a late Field Sparrow on 27 October. There were no early records of note this fall. Very high or record numbers on single days included 2 Mourning Doves on 26 September, 6 House Wrens on 10 October (also somewhat late), 15 Winter Wrens on 3 October, 2 Marsh Wrens on four dates, 45 Golden-crowned Kinglets on 3 October, 29 Ruby-crowned Kinglets on 12 October, 2 Wood Thrushes on 10 October (also late), 22 Yellow Warblers on 8 August, 6 Palm Warblers on 22 September, 40 Blackpoll Warblers on 12 September, 4 Field Sparrows on 27 October (late), 42 Song Sparrows on 12 October, 107 White-throated Sparrows on 10 October, 26 White-crowned Sparrows on 12 October, 6 Dark-eyed Juncos on 24 October, 41 Red-winged Blackbirds on 11 August, 13 House Finches on 8 August, and 96 American Goldfinches on 14 September.

Details of first and last dates, peak dates and peak numbers for all species can be found in Table 7 below.

CAPTURES BY HABITAT

Breaking down the captures by net groups shown in Table 2 below, on a per-net basis the Field Nets were clearly the most productive as has been the case since the beginning, followed by the Upland and Swamp Nets. The Field Edge was less productive than normal.

Captures of Ruby-throated Hummingbird were mostly in the Field and Field Edge Nets, where there was good growth of Jewelweed this fall. As expected, most sparrows were captured in the Field Nets, while thrushes were captured mostly in the Upland and Swamp Nets. Warblers were captured much more often in the Field Nets this

year, which is unusual and may have been due to the lower numbers of species often captured in the woods. Kinglet captures are interesting in that Golden-crowned were caught mostly in the woods (Swamp and Upland Nets), and Ruby-crowned mostly in the open areas, especially the Field Nets.

Most White-throated Sparrows were captured in the Field Nets this year, as in most previous years, but with a significant number also in the Upland Nets. Vireos were mostly in the Field Nets, very possibly due to the resurgence of Dogwood (*Cornus* sp.) there after removal over the past two years of Glossy Buckthorn (*Genus species*). Captures by net group for selected species is shown in Table 3 below.

Table 2. Captures by net groups for all species.

Net Group	No. captured	% captured	% per net
Field (2.75 nets)	1760	66.4%	24.1%
Field Edge (1.0 net)	136	5.1%	5.1%
Willow (2.0 nets)	123	4.7%	2.4%
Upland (4.0 nets)	361	13.6%	3.4%
Swamp (4.0 nets)	270	10.2%	2.6%

Table 3. Captures by net group for selected species.

Species	Field	Field Edge	Willow	Upland	Swamp
Ruby-throated Hummingbird (n=79)	34.2%	27.8%	22.8%	12.7%	2.5%
<i>Empidonax</i> Flycatchers (n=10)	90.0%	10.0%	-	-	-
All flycatchers (n=20)	70.0%	15.0%	5.0%	10.0%	-
All vireos (n=18)	72.2%	-	11.1%	11.1%	5.6%
Brown Creeper (n=16)	-	-	18.8%	37.5%	43.7%
House Wren (n=32)	62.5%	3.1%	-	34.4%	-
Winter Wren (n=36)	2.8%	5.6%	16.7%	58.2%	16.7%
Marsh Wren (n=17)	88.2%	-	-	11.8%	-
Golden-crowned Kinglet (n=130)	6.2%	0.8%	10.8%	36.8%	45.4%
Ruby-crowned Kinglet (n=76)	53.9%	7.9%	2.7%	31.6%	3.9%
Gray-cheeked Thrush (n=8)	-	25.0%	-	25.0%	75.0%
Swainson's Thrush (n=22)	4.7%	-	13.9%	31.4%	50.0%
Hermit Thrush (n=110)	0.9%	3.6%	8.2%	41.8%	45.5%
American Robin (n=19)	21.0%	-	10.5%	36.8%	31.7%
All thrushes (n=165)	3.8%	2.2%	9.7%	38.5%	45.6%
Tennessee Warbler (n=14)	71.4%	-	-	7.1%	21.5%
Nashville Warbler (n=40)	80.0%	5.0%	7.5%	7.5%	-
Yellow Warbler (n=35)	82.9%	-	-	17.1%	-
Magnolia Warbler (n=14)	42.9%	-	14.3%	21.4%	21.4%
Black-throated Blue Warbler (n=18)	-	-	11.1%	22.2%	66.7%
Yellow-rumped Warbler (n=9)	100.0%	-	-	-	-
Palm Warbler (n=14)	100.0%	-	-	-	-
Blackpoll Warbler (n=44)	15.9%	-	13.6%	18.2%	52.3%
Common Yellowthroat (n=83)	84.3%	3.6%	2.4%	9.7%	-
All warblers (n=313)	62.0%	2.2%	6.1%	13.4%	16.3%
Field Sparrow (n=10)	50.0%	50.0%	-	-	-
Song Sparrow (n=282)	87.3%	8.2%	0.7%	1.4%	2.4%
Lincoln's Sparrow (n=23)	91.3%	8.7%	-	-	-
Swamp Sparrow (n=72)	93.0%	1.4%	2.8%	1.4%	1.4%
White-crowned Sparrow (n=101)	85.1%	14.9%	-	-	-
White-throated Sparrow (n=305)	41.0%	12.5%	10.8%	28.5%	7.2%
All sparrows (n=822)	70.0%	10.5%	4.5%	11.2%	3.8%
Red-winged Blackbird [all] (n=73)	32.9%	-	5.5%	23.2%	38.4%
House Finch (n=26)	100.0%	-	-	-	-
American Goldfinch (n=749)	99.9%	0.1%	-	-	-

AGE RATIOS

The ratios of adult to young birds captured is potentially biased by differential capture rates of age groups that may forage at different heights, with young birds foraging lower and being captured more often. But, these samples may also provide some insight to nesting success from one year to another. The age ratios for selected species is provided in Table 4 below.

Table 4. Age ratios for selected species banded, and all species combined. (Adult = AHY+SY+ASY).

Species	Adult	HY	U
Ruby-throated Hummingbird (n=79)	7.6%	92.4%	-
Black-capped Chickadee (n=10)	30.0%	70.0%	-
Brown Creeper (n=16)	6.2%	81.3%	12.5%
House Wren (n=32)	9.4%	90.6%	-
Winter Wren (n=36)	5.6%	91.6%	2.8%
Marsh Wren (n=17)	29.4%	70.6%	-
Golden-crowned Kinglet (n=130)	8.5%	63.8%	27.7%
Ruby-crowned Kinglet (n=76)	5.2%	77.7%	17.1%
Gray-checked Thrush (n=8)	-	100.0%	-
Swainson's Thrush (n=22)	18.2%	81.8%	-
Hermit Thrush (n=110)	0.9%	99.1%	-
American Robin (n=19)	21.0%	79.0%	-
Tennessee Warbler (n=14)	-	100.0%	-
Nashville Warbler (n=40)	-	100.0%	-
Yellow Warbler (n=35)	11.4%	88.6%	-
Magnolia Warbler (n=14)	-	100.0%	-
Black-throated Blue Warbler (n=18)	11.1%	88.9%	-
Blackpoll Warbler (n=44)	13.6%	86.4%	-
Palm Warbler (n=14)	7.1%	92.9%	-
Common Yellowthroat (n=83)	19.3%	80.7%	-
Song Sparrow (n=282)	7.1%	92.9%	-
Swamp Sparrow (n=72)	4.2%	95.8%	-
White-crowned Sparrow (n=101)	18.8%	81.2%	-
White-throated Sparrow (n=305)	14.4%	85.6%	-
Red-winged Blackbird (n=73)	5.5%	94.5%	-
House Finch (n=26)	15.4%	84.6%	-
American Goldfinch (n=749)	7.5%	92.5%	-
ALL SPECIES	9.7%	88.3%	2.0%

BREEDING EVIDENCE

This fall breeding evidence was detected in 119 individuals of 12 species, most of which (76) were adult American Goldfinches. Hatch-year goldfinches were also captured but are not included in Table 8 below because they may not have been hatched locally despite some of them having noticeably short tails.

Details can be found in Table 8 below.

RETURNS, RECAPTURES & FOREIGN RE-ENCOUNTERS

The overall number of recaptures this fall (543) was the significantly higher than any other year to date. Much of this is due to the large number of same-season recaptures of American Goldfinches (144; 20% of all goldfinches banded were recaptured at least once). The returns of 30 individuals from previous years and seasons (half of last year's total) are summarized in Table 5 below. Details of these returns can be found in Tables 9-15. The Location column (Loc) in tables 9-15 gives an idea of the movements or territory of these individuals.

Birds banded at Metro Beach are very infrequently encountered any significant distance away from the park, so any reports of these "foreign" re-encounters are very special. This season, there are no such reports.

Table 5. Returns by year.

	Banded in Spring 2013	Banded in 2012	Banded in 2011	Banded in 2010	Banded in 2009	Banded in 2008	Banded in 2007	Banded in 2006
2007 Returns No. (species)	-	-	-	-	-	-	8 (4)	8 (5)
2008 Returns No. (species)	-	-	-	-	-	12 (6)	14 (7)	4 (4)
2009 Returns No. (species)	-	-	-	-	12 (8)	16 (7)	4 (3)	-
2010 Returns No. (species)	-	-	-	7 (5)	12 (6)	9 (3)	7 (4)	1 (1)
2011 Returns No. (species)	-	-	12 (6)	26 (7)	11 (5)	6 (4)	7 (3)	1 (1)
2012 Returns No. (species)	-	5 (3)	16 (4)	1 (1)	5 (5)	3 (2)	1 (1)	1 (1)
2013 Returns No. (species)	31 (7)	24 (9)	21 (6)	7 (3)	2 (2)	2 (2)	1 (1)	-

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 general, migration is more protracted in fall, so stopover durations are sometimes longer.

Table 16 below provides details of weight gains and losses detected during Fall 2013.

A total of 292 individuals of 25 species banded this fall were recaptured on subsequent days to document stopover duration and measure weight gains or losses. This is almost twice as many individuals, and more species than last year. The increase is largely due to the record number of American Goldfinches banded, as well as the good numbers of Song, White-throated, and White-crowned Sparrows.

Weight gains of 165 individuals averaged 6.8% while weight losses of 116 individuals averaged 5.2%. Changes of about 2% or less are likely within the range of daily variation for most species and may not be significant. The greatest weight gains included: 24.7% in 26 days by a House Wren, 21.9% in 60 days by a Song Sparrow, 26.0% in 49 days by a Song Sparrow, 15.7% in 14 days by a Song Sparrow, 22.3% in 24 days by a White-throated Sparrow, 15.5% in 15 days by a White-throated Sparrow, 18.4% in 10 days by a White-crowned Sparrow, 19.3% in 8 days by a White-crowned Sparrow, 25.2% in 56 days by an American Goldfinch, 21.4% in 35 days by an American Goldfinch, 16.2% in 40 days by an American Goldfinch, and 18.3% in 35 days by an American Goldfinch. Some equally significant weight losses were recorded, including: 19.0% in 2 days by a White-throated Sparrow, 20.4% in 16 days by an American Goldfinch, and 14.6% in 7 days by an American Goldfinch.

Stopovers were recorded for 6 species and 27 individuals of Neotropical migrant warbler, Yellow, Black-throated Blue, Common Yellowthroat, Ovenbird, Mourning, and Wilson's Warbler. Duration of stopovers for these warblers, excluding the 18 Common Yellowthroats (which breeds in the area), ranged from 2 days by an Ovenbird to 7 days by single Yellow and Black-throated Blue Warblers, and an Ovenbird. Four showed weight gains while five showed weight losses. Interestingly, none of the 40 Blackpoll Warblers banded was recaptured, perhaps suggesting that this species uses the area more for rest and shelter than for refueling. Of the 47 Song Sparrows recaptured (double last year's number), 30 showed an average weight gain of 7.5%, 15 showed an average weight loss of 5.0%, and two showed no change. Of the 21 White-throated Sparrows recaptured, 13 showed an average weight gain of 9.9%, 7 showed an average weight loss of 6.8%, and one showed no change; their stopovers ranged from 2-24 days. Of the 15 White-crowned Sparrows recaptured, 10 showed an average weight gain of 9.8%, and 5 showed an average weight loss of 3.5%; their stopovers ranged from 2-14 days. And, of the 151 American Goldfinches recaptured (20% of the total banded, and more than double last year's record), 80 showed an average weight gain of 6.3%, 65 showed an average weight loss of 5.7%, and 6 showed no change. Weight gains of goldfinches are more likely attributable to the thistle feeders provided to them, while weight gains of the other species are likely due to naturally available food sources.

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, and an important area for breeding birds as well, although the increasing population of deer may increasingly be degrading the usefulness of the site for birds.

ACKNOWLEDGMENTS

I would like to thank the park manager 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 Metro Beach Nature Center for their continuing support, especially Julie Champion and including Nick Dicresce, Sarah Matuszak, Michele Serreyn, and Dale Smart. I would also like to thank the Huron Clinton Metropolitan Authority for making funds available from the EPA grant for the Great Lakes Restoration Initiative to conduct bird surveys, of which this banding project was a part this season.

Banding this spring simply could not have been done without the able assistance of the following volunteers:

John Bieganowski, Rebecca Blundell, David Boon, Mary Buchowski, Terri L. Chapdelaine, Brandon Charlebois, Chris Charlebois, Jacob Charlebois, Mike Charlebois, Trisha Charlebois, Jean Gramlich, Stevie Kuroda, Dave Lancaster, Mary Mangas, Steve Mangas, Marie McGee, Renee Render, Tom Schlack, Harrison Smith, Edie Schmitz, Michelle Serreyn, Jeff Silence, Joan Tisdale, Bruce Watson, Blanche Wicke, and Sue Wright.

Table 6. Birds banded at Metro Beach Metropark in Fall 2013, compared with the 1990-1999 average and the 2005-2012 average (No. per 100 net hours in parentheses). **Bold = first ever banded here, Bold Italic = first banded here in fall**, ¹ = all time record, ² = tied all time record, ³ = fall record, ⁴ = tied fall record). **Bold red text** indicates significant declines, or significant missing species from the tally.

Species	1990-1999 Fall Avg.	2005-2012 Fall Avg.	Fall 2013 Totals	Returns From 2005- spring 2013
Sharp-shinned Hawk	0.2 (0.02)	0.5 (0.04)	-	-
Broad-winged Hawk	-	0.1 (0.01)	-	-
Red-tailed Hawk	-	-	2 (0.09)	-
Virginia Rail	0.1 (0.01)	-	-	-
Sora	-	-	1 (0.04)	-
American Woodcock	-	0.1 (0.01)	-	-
Mourning Dove	0.1 (0.01)	0.8 (0.06)	6¹ (0.26)	1 (2012)
Black-billed Cuckoo	0.5 (0.04)	-	-	-
Yellow-billed Cuckoo	0.1 (0.01)	0.1 (0.01)	-	-
Eastern Screech-Owl	-	0.1 (0.01)	1² (0.04)	-
Ruby-throated Hummingbird	-	83.4 (6.75)	79 (3.41)	-
Red-bellied Woodpecker	-	0.1 (0.01)	1 (0.04)	-
Yellow-bellied Sapsucker	0.5 (0.04)	0.5 (0.04)	-	-
Downy Woodpecker	4.5 (0.38)	8.3 (0.67)	4 (0.17)	1 (2010) 2 (2012) 1 (2013)
Hairy Woodpecker	0.2 (0.02)	0.1 (0.01)	1 (0.04)	-
Northern Flicker	0.7 (0.06)	2.3 (0.18)	5 (0.22)	-
Olive-sided Flycatcher	-	0.3 (0.02)	-	-
Eastern Wood-Pewee	1.5 (0.13)	3.4 (0.27)	6 (0.26)	-
Yellow-bellied Flycatcher	6.9 (0.59)	3.3 (0.26)	-	-
Acadian Flycatcher	0.5 (0.05)	-	-	-
Alder Flycatcher	-	1.3 (0.10)	1 (0.04)	-
Willow Flycatcher	-	3.0 (0.24)	6 (0.26)	-
“Traill’s” Flycatcher	1.1 (0.09)	5.0 (0.40)	1 (0.04)	-
Least Flycatcher	2.6 (0.22)	7.0 (0.57)	2 (0.09)	-
Eastern Phoebe	0.9 (0.08)	2.1 (0.17)	3 (0.13)	-
Great Crested Flycatcher	1.2 (0.10)	0.1 (0.01)	1 (0.04)	-
Eastern Kingbird	-	0.1 (0.01)	-	-
Blue-headed Vireo	2.5 (0.22)	3.5 (0.28)	5 (0.22)	-
Warbling Vireo	3.0 (0.26)	4.4 (0.35)	7 (0.30)	-
Philadelphia Vireo	4.0 (0.34)	1.1 (0.09)	3 (0.13)	-
Red-eyed Vireo	10.2 (0.87)	5.6 (0.46)	3 (0.13)	-
Blue Jay	4.5 (0.39)	5.1 (0.41)	-	-
Northern Rough-winged Swallow	-	0.4 (0.03)	-	-
Barn Swallow	-	0.3 (0.02)	-	-

Table 6. Cont'd. (page 2 of 4)

Species	1990-1999 Fall Avg.	2005-2012 Fall Avg.	Fall 2013 Totals	Returns From 2005- spring 2013
Black-capped Chickadee	11.4 (0.97)	15.1 (1.22)	10 (0.43)	2 (2011) 1 (2012) 3 (2013)
Tufted Titmouse	0.6 (0.05)	1.0 (0.08)	1 (0.04)	-
Red-breasted Nuthatch	0.4 (0.03)	1.9 (0.15)	-	-
White-breasted Nuthatch	0.2 (0.02)	1.3 (0.10)	1 (0.04)	-
Brown Creeper	5.4 (0.46)	19.5 (1.58)	16 (0.69)	-
Carolina Wren	0.8 (0.07)	1.9 (0.15)	1 (0.04)	-
House Wren	3.9 (0.33)	16.9 (1.37)	32¹ (1.38)	-
Winter Wren	6.2 (0.53)	15.3 (1.23)	36¹ (1.55)	-
Marsh Wren	9.5 (0.81)	3.0 (0.24)	17 (0.73)	-
Golden-crowned Kinglet	38.6 (3.29)	63.5 (5.14)	130 (5.61)	-
Ruby-crowned Kinglet	35.6 (3.03)	50.1 (4.06)	76 (3.28)	-
Blue-gray Gnatcatcher	0.1 (0.01)	0.4 (0.03)	1 (0.04)	-
Veery	3.9 (0.33)	2.1 (0.17)	2 (0.09)	-
Gray-cheeked Thrush	11.2 (0.95)	13.8 (1.11)	8 (0.35)	-
Swainson's Thrush	43.9 (3.74)	37.8 (3.06)	22 (0.95)	-
Hermit Thrush	25.7 (2.19)	77.8 (6.29)	110² (4.75)	-
Wood Thrush	1.4 (0.12)	1.4 (0.11)	4 (0.17)	-
American Robin	2.9 (0.25)	26.3 (2.12)	19 (0.82)	1 (2008) 1 (2012)
Gray Catbird	21.6 (1.84)	18.0 (1.46)	7 (0.30)	-
Brown Thrasher	0.1 (0.01)	0.3 (0.02)	2³ (0.09)	-
European Starling	-	0.8 (0.06)	-	-
Cedar Waxwing	7.4 (0.63)	7.4 (0.60)	15 (0.65)	-
Blue-winged Warbler	-	0.1 (0.01)	-	-
Golden-winged Warbler	0.4 (0.03)	-	-	-
Tennessee Warbler	4.7 (0.40)	16.5 (1.34)	14 (0.60)	-
Orange-crowned Warbler	1.0 (0.09)	6.1 (0.50)	4 (0.17)	-
Nashville Warbler	8.5 (0.73)	54.4 (4.40)	40 (1.73)	-
Northern Parula	0.5 (0.05)	1.5 (0.12)	-	-
Yellow Warbler	2.4 (0.20)	17.6 (1.43)	35 (1.51)	2 (2011) 1 (2012) 1 (2013)
Chestnut-sided Warbler	8.3 (0.70)	8.3 (0.67)	1 (0.04)	-
Magnolia Warbler	78.0 (6.64)	40.4 (3.27)	14 (0.60)	-
Cape May Warbler	0.8 (0.07)	0.8 (0.06)	1 (0.04)	-
Black-throated Blue Warbler	15.5 (1.32)	37.8 (3.06)	18 (0.78)	-
Yellow-rumped Warbler	11.1 (0.94)	18.3 (1.48)	9 (0.39)	-
Black-throated Green Warbler	1.2 (0.10)	1.8 (0.14)	-	-

Table 6. Cont'd. (page 3 of 4)

Species	1990-1999 Fall Avg.	2005-2012 Fall Avg.	Fall 2013 Totals	Returns From 2005- spring 2013
Blackburnian Warbler	1.0 (0.09)	1.5 (0.12)	-	-
(Western) Palm Warbler	0.5 (0.05)	4.3 (0.34)	14¹ (0.60)	-
Bay-breasted Warbler	6.1 (0.52)	5.4 (0.44)	2 (0.09)	-
Blackpoll Warbler	11.7 (1.00)	13.6 (1.10)	44 (1.90)	-
Black-and-white Warbler	9.5 (0.81)	5.3 (0.42)	-	-
American Redstart	41.6 (3.54)	17.3 (1.40)	6 (0.26)	-
Prothonotary Warbler	0.1 (0.01)	-	-	-
Ovenbird	7.9 (0.67)	15.3 (1.23)	11 (0.48)	-
Northern Waterthrush	9.4 (0.80)	9.0 (0.73)	3 (0.13)	-
Connecticut Warbler	0.5 (0.05)	0.9 (0.07)	3² (0.13)	-
Mourning Warbler	2.7 (0.23)	5.5 (0.45)	3 (0.13)	-
Common Yellowthroat	16.9 (1.44)	60.8 (4.92)	83 (3.58)	1 (2011) 2 (2013)
Wilson's Warbler	13.7 (1.17)	17.0 (1.38)	5 (0.22)	-
Canada Warbler	5.5 (0.46)	6.0 (0.49)	2 (0.09)	-
Hooded Warbler	-	0.1 (0.01)	-	-
Yellow-breasted Chat	0.1 (0.01)	0.1 (0.01)	1 (0.04)	-
Scarlet Tanager	0.1 (0.01)	-	1 (0.04)	-
Northern Cardinal	6.1 (0.52)	16.6 (1.35)	5 (0.22)	1 (2012) 1 (2013)
Rose-breasted Grosbeak	2.3 (0.19)	1.6 (0.13)	2 (0.09)	1 (2012)
Indigo Bunting	0.3 (0.02)	2.1 (0.17)	3 (0.13)	-
Eastern Towhee	-	0.9 (0.07)	1 (0.04)	-
American Tree Sparrow	-	8.5 (0.69)	10 (0.43)	-
Chipping Sparrow	-	0.3 (0.02)	-	-
Field Sparrow	0.2 (0.02)	0.8 (0.06)	10¹ (0.43)	-
Savannah Sparrow	-	-	2 (0.09)	-
Fox Sparrow	1.7 (0.15)	9.4 (0.76)	5 (0.22)	-
Song Sparrow	46.7 (3.98)	142.9 (11.56)	282¹ (12.18)	1 (2009) 1 (2010) 2 (2011) 2 (2012) 5 (2013)
Lincoln's Sparrow	1.5 (0.13)	11.0 (0.89)	23 (0.99)	-
Swamp Sparrow	16.8 (1.43)	69.5 (5.63)	72 (3.11)	-
White-throated Sparrow	56.7 (4.83)	221.4 (17.92)	305 (13.17)	-
White-crowned Sparrow	1.8 (0.15)	15.8 (1.27)	101¹ (4.36)	-
Dark-eyed Junco	1.1 (0.09)	3.9 (0.31)	11¹ (0.48)	-
Red-winged Blackbird	1.1 (0.09)	14.0 (1.13)	73³ (3.15)	-
Common Grackle	0.2 (0.02)	0.8 (0.06)	-	-

Table 6. Cont'd. (page 4 of 4)

Species	1990-1999 Fall Avg.	2005-2012 Fall Avg.	Fall 2013 Totals	Returns From 2005- spring 2013
Brown-headed Cowbird	0.1 (0.01)	0.3 (0.02)	2³ (0.09)	-
Orchard Oriole	-	0.1 (0.01)	-	-
Baltimore Oriole	-	4.4 (0.35)	1 (0.04)	2 (2011)
Purple Finch	0.1 (0.01)	0.3 (0.02)	-	-
House Finch	3.7 (0.32)	1.8 (0.14)	26¹ (1.12)	-
Pine Siskin	-	3.0 (0.24)	-	-
Common Redpoll	0.1 (0.01)	-	-	-
American Goldfinch	3.2 (0.27)	214.4 (17.35)	749¹ (32.35)	1 (2007) 1 (2008) 1 (2009) 5 (2010) 12 (2011) 14 (2012) 19 (2013)

Table 7. Birds banded at Metro Beach Metropark in Fall 2013, earliest, latest, and peak numbers. Unusual species, dates, or numbers are boldfaced.

Species	Earliest Date	Latest Date	Peak No.	Peak Date
Sharp-shinned Hawk	-	-	-	-
Broad-winged Hawk	-	-	-	-
Red-tailed Hawk	31-Aug-13	3-Nov-13	1	Both dates
Virginia Rail	-	-	-	-
Sora	12-Sep-13	12-Sep-13	1	12-Sep-13
American Woodcock	-	-	-	-
Mourning Dove	26-Sep-13	27-Oct-13	2	26-Sep-13
Black-billed Cuckoo	-	-	-	-
Yellow-billed Cuckoo	-	-	-	-
Eastern Screech-Owl	20-Oct-13	20-Oct-13	1	20-Oct-13
Ruby-throated Hummingbird	08-Aug-13	26-Sep-13	12	19-Sep-13
Red-bellied Woodpecker	11-Aug-13	11-Aug-13	1	11-Aug-13
Yellow-bellied Sapsucker	-	-	-	-
Downy Woodpecker	03-Oct-13	20-Oct-13	1	4 dates
Hairy Woodpecker	30-Oct-13	30-Oct-13	1	30-Oct-13
Northern Flicker	04-Aug-13	22-Sep-13	2	22-Sep-13
Olive-sided Flycatcher	-	-	-	-
Eastern Wood-Pewee	08-Aug-13	26-Sep-13	2	2 dates
Yellow-bellied Flycatcher	-	-	-	-
Acadian Flycatcher	-	-	-	-
Alder Flycatcher	24-Aug-13	24-Aug-13	1	23-Aug-13
Willow Flycatcher	04-Aug-13	15-Aug-13	2	2 dates
“Traill’s” Flycatcher	15-Aug-13	15-Aug-13	1	15-Aug-13
Least Flycatcher	21-Aug-13	21-Aug-13	2	21-Aug-13
Eastern Phoebe	22-Sep-13	03-Aug-13	1	3 dates
Great Crested Flycatcher	07-Sep-13	07-Sep-13	1	07-Sep-13
Eastern Kingbird	-	-	-	-
Blue-headed Vireo	03-Oct-13	12-Oct-13	2	2 dates
Warbling Vireo	04-Aug-13	05-Aug-13	2	2 dates
Philadelphia Vireo	15-Sep-13	22-Sep-13	1	3 dates
Red-eyed Vireo	31-Aug-13	15-Sep-13	1	3 dates
Blue Jay	-	-	-	-
Northern Rough-winged Swallow	-	-	-	-
Barn Swallow	-	-	-	-
Black-capped Chickadee	04-Aug-13	10-Oct-13	2	3 dates
Tufted Titmouse	15-Aug-13	15-Aug-13	1	15-Aug-13
Red-breasted Nuthatch	-	-	-	-
White-breasted Nuthatch	30-Oct-13	30-Oct-13	1	30-Oct-13
Brown Creeper	26-Sep-13	03-Nov-13	3	2 dates
Carolina Wren	30-Oct-13	30-Oct-13	1	30-Oct-13

Table 7. Cont'd. (page 2 of 3)

Species	Earliest Date	Latest Date	Peak No.	Peak Date
House Wren	08-Aug-13	17-Oct-13	6	10-Oct-13
Winter Wren	22-Sep-13	03-Nov-13	15	03-Oct-13
Marsh Wren	08-Aug-13	17-Oct-13	2	4 dates
Golden-crowned Kinglet	26-Sep-13	03-Nov-13	45	03-Oct-13
Ruby-crowned Kinglet	26-Sep-13	30-Oct-13	29	12-Oct-13
Blue-gray Gnatcatcher	12-Sep-13	12-Sep-13	1	12-Sep-13
Veery	21-Aug-13	31-Aug-13	1	Both dates
Gray-checked Thrush	12-Sep-13	03-Oct-13	3	12-Sep-13
Swainson's Thrush	05-Sep-13	10-Oct-13	7	03-Oct-13
Hermit Thrush	26-Sep-13	03-Nov-13	38	10-Oct-13
Wood Thrush	12-Sep-13	10-Oct-13	2	10-Oct-13
American Robin	04-Aug-13	24-Oct-13	5	2 dates
Gray Catbird	15-Aug-13	12-Oct-13	2	22-Sep-13
Brown Thrasher	03-Oct-13	03-Oct-13	2	03-Oct-13
European Starling	-	-	-	-
Cedar Waxwing	04-Aug-13	24-Aug-13	5	15-Aug-13
Blue-winged Warbler	-	-	-	-
Golden-winged Warbler	-	-	-	-
Tennessee Warbler	24-Aug-13	14-Sep-13	4	2 dates
Orange-crowned Warbler	29-Sep-13	30-Oct-13	1	4 dates
Nashville Warbler	24-Aug-13	17-Oct-13	8	22-Sep-13
Northern Parula	-	-	-	-
Yellow Warbler	05-Aug-13	14-Sep-13	22	08-Aug-13
Chestnut-sided Warbler	05-Sep-13	05-Sep-13	1	05-Sep-13
Magnolia Warbler	31-Aug-13	07-Oct-11	6	03-Oct-13
Cape May Warbler	14-Sep-13	14-Sep-13	1	14-Sep-13
Black-throated Blue Warbler	24-Aug-13	03-Oct-13	7	03-Oct-13
Yellow-rumped Warbler	22-Sep-13	27-Oct-13	4	03-Oct-13
Black-throated Green Warbler	-	-	-	-
Blackburnian Warbler	-	-	-	-
(Western) Palm Warbler	12-Sep-13	10-Oct-13	6	22-Sep-13
Bay-breasted Warbler	29-Aug-13	12-Sep-13	1	Both dates
Blackpoll Warbler	05-Sep-13	12-Sep-13	40	12-Sep-13
Black-and-white Warbler	-	-	-	-
American Redstart	05-Sep-13	14-Sep-13	3	14-Sep-13
Prothonotary Warbler	-	-	-	-
Ovenbird	24-Aug-13	12-Oct-13	2	3 dates
Northern Waterthrush	11-Aug-13	05-Sep-13	1	3 dates
Connecticut Warbler	31-Aug-13	12-Sep-13	1	3 dates
Mourning Warbler	31-Aug-13	12-Sep-13	2	31-Aug-13
Common Yellowthroat	04-Aug-13	30-Oct-13	12	14-Sep-13

Table 7. Cont'd. (page 3 of 3)

Species	Earliest Date	Latest Date	Peak No.	Peak Date
Wilson's Warbler	05-Sep-13	03-Oct-13	1	5 dates
Canada Warbler	31-Aug-13	29-Sep-13	1	Both dates
Hooded Warbler	-	-	-	-
Yellow-breasted Chat	10-Oct-13	10-Oct-13	1	10-Oct-13
Scarlet Tanager	14-Sep-13	14-Sep-13	1	14-Sep-13
Northern Cardinal	08-Aug-13	03-Nov-13	1	5 dates
Rose-breasted Grosbeak	07-Sep-13	14-Sep-13	1	Both dates
Indigo Bunting	08-Aug-13	03-Oct-13	1	3 dates
Eastern Towhee	17-Oct-13	17-Oct-13	1	17-Oct-13
American Tree Sparrow	30-Oct-13	03-Nov-13	6	03-Nov-13
Chipping Sparrow	-	-	-	-
Field Sparrow	10-Oct-13	27-Oct-13	4	27-Oct-13
Savannah Sparrow	14-Sep-13	22-Sep-13	1	Both dates
Fox Sparrow	24-Oct-13	30-Oct-13	2	2 dates
Song Sparrow	04-Aug-13	03-Nov-13	42	12-Oct-13
Lincoln's Sparrow	14-Sep-13	27-Oct-13	5	10-Oct-13
Swamp Sparrow	08-Aug-13	03-Nov-13	13	10-Oct-13
White-throated Sparrow	22-Sep-13	03-Nov-13	107	10-Oct-13
White-crowned Sparrow	22-Sep-13	30-Oct-13	26	12-Oct-13
Dark-eyed Junco	03-Oct-13	03-Nov-13	6	24-Oct-13
Red-winged Blackbird	04-Aug-13	10-Oct-13	41	11-Aug-13
Common Grackle	-	-	-	-
Brown-headed Cowbird	11-Aug-13	14-Sep-13	1	Both dates
Orchard Oriole	-	-	-	-
Baltimore Oriole	08-Aug-13	08-Aug-13	1	08-Aug-13
Purple Finch	-	-	-	-
House Finch	08-Aug-13	15-Aug-13	13	08-Aug-13
Common Redpoll	-	-	-	-
Pine Siskin	-	-	-	-
American Goldfinch	04-Aug-13	03-Nov-13	96	14-Sep-13

Table 8. Breeding Evidence of Birds captured at Metro Beach Metropark in Fall 2013
(BP=Brood Patch, CP=Cloacal Protuberance, 1=min., 3=max., 4=diminishing)

Species	Age/Sex	Band No.	Date Banded	Dates Recaptured	Breeding Evidence Observed
Ruby-throated Hummingbird	AHY-F	J-21515	24-Aug-13	-	BP=4
Northern Flicker	AHY-M	1603-53387	04-Aug-13	-	BP=4
Marsh Wren	AHY-M	2591-24511	08-Aug-13	-	CP=2
American Robin	AHY-M	1232-43429	30-Aug-08	15-Aug-13	CP=1
American Robin	AHY-F	1342-38494	25-Oct-12	21-Aug-13	BP=4
American Robin	AHY-F	1352-36605	04-Aug-13	-	BP=4
American Robin	AHY-F	1352-36607	08-Aug-13	-	BP=4
American Robin	AHY-F	1352-36609	08-Aug-13	-	BP=3
American Robin	HY-U	1352-36608	08-Aug-13	-	Juv.
American Robin	HY-U	1352-36610	08-Aug-13	-	Juv.
American Robin	HY-U	1352-36611	08-Aug-13	-	Juv.
American Robin	HY-U	1352-36617	11-Aug-13	-	Juv.
American Robin	HY-U	1352-36619	11-Aug-13	-	Juv.
American Robin	HY-U	1352-36625	11-Aug-13	-	Juv.
American Robin	HY-U	1352-36626	15-Aug-13	-	Juv.
American Robin	HY-U	1352-36627	15-Aug-13	-	Juv.
American Robin	HY-U	1352-36628	21-Aug-13	-	Juv.
American Robin	HY-U	1352-36630	24-Aug-13	-	Juv.
American Robin	HY-U	1352-36631	24-Aug-13	-	Juv.
American Robin	HY-U	1352-36632	24-Aug-13	-	Juv.
American Robin	HY-U	1352-36633	24-Aug-13	-	Juv.
American Robin	HY-U	1352-36634	24-Aug-13	-	Juv.
Cedar Waxwing	AHY-F	2571-96576	04-Aug-13	-	BP=3
Cedar Waxwing	AHY-F	2571-96577	04-Aug-13	-	BP=3
Cedar Waxwing	AHY-F	2571-96616	11-Aug-13	-	BP=3
Cedar Waxwing	AHY-M	2571-96631	11-Aug-13	-	CP=3
Cedar Waxwing	AHY-F	2571-96649	15-Aug-13	-	BP=3
Cedar Waxwing	AHY-M	2571-96650	15-Aug-13	-	CP=2
Cedar Waxwing	AHY-F	2571-96667	24-Aug-13	-	BP=4
Yellow Warbler	HY-U	2700-01976	08-Aug-13	-	Juv.
Yellow Warbler	HY-U	2700-01977	08-Aug-13	-	Juv.
Yellow Warbler	HY-U	2700-01978	08-Aug-13	-	Juv.
Common Yellowthroat	AHY-F	2610-05629	26-Aug-11	24-Aug-13	BP=4
Common Yellowthroat	AHY-F	2700-01922	07-Jun-13	04-Aug-13	BP=4
Common Yellowthroat	AHY-F	2700-01970	08-Aug-13	-	BP=4
Song Sparrow	AHY-M	2551-24385	10-Aug-11	08-Aug-13	CP=2
Song Sparrow	AHY-M	2551-64737	14-Oct-11	08-Aug-13	CP=3
Song Sparrow	AHY-F	2571-96615	11-Aug-13	-	BP=3
Song Sparrow	AHY-F	2571-96617	11-Aug-13	-	BP=3
Northern Cardinal	AHY-F	1352-36606	08-Aug-13	-	BP=3
Red-winged Blackbird	AHY-F	2561-68267	04-Aug-13	-	BP=4
Red-winged Blackbird	AHY-F	2561-68301	11-Aug-13	-	BP=4

Table 8. Cont'd. (page 2 of 3)

Species	Age/Sex	Band No.	Date Banded	Dates Recaptured	Breeding Evidence Observed
House Finch	AHY-F	2571-96595	08-Aug-13	-	BP=4
American Goldfinch	AHY-M	1601-24798	21-Apr-07	07-Sep-13	CP=2
American Goldfinch	AHY-F	2321-69558	28-Sep-08	07-Sep-13	BP=4
American Goldfinch	AHY-M	2401-00522	14-Oct-09	05-Sep-13	CP=2
American Goldfinch	AHY-F	2401-00775	09-Apr-10	19-Sep-13	BP=4
American Goldfinch	AHY-M	2401-00971	27-Aug-10	24-Aug-13 29-Aug-13	CP=3 CP=2
American Goldfinch	AHY-F	2401-44629	05-Sep-10	24-Aug-13 07-Sep-13	BP=4 BP=4
American Goldfinch	AHY-F	2401-44974	13-Oct-10	24-Aug-13	BP=3
American Goldfinch	AHY-M	2401-44981	13-Oct-10	29-Aug-13	CP=2
American Goldfinch	AHY-F	2511-29354	09-Apr-11	07-Sep-13 15-Sep-13	BP=4 BP=4
American Goldfinch	AHY-F	2511-29450	07-May-11	31-Aug-13	BP=3
American Goldfinch	AHY-M	2511-56018	14-May-11	11-Aug-13	CP=3
American Goldfinch	AHY-F	2511-56033	19-May-11	05-Sep-13	BP=4
American Goldfinch	AHY-F	2511-56115	18-Aug-11	24-Aug-13 29-Aug-13	BP=3 BP=3
American Goldfinch	AHY-M	2511-56221	05-Sep-11	08-Aug-13	CP=3
American Goldfinch	AHY-F	2511-56272	09-Sep-11	24-Aug-13	BP=3
American Goldfinch	AHY-F	2511-56299	10-Sep-11	07-Sep-13	BP=4
American Goldfinch	AHY-M	2511-56333	14-Sep-11	31-Aug-13	CP=2
American Goldfinch	AHY-F	2511-56588	17-Oct-11	15-Aug-13	BP=3
American Goldfinch	AHY-M	2511-56865	25-Apr-12	21-Aug-13	CP=3
American Goldfinch	AHY-F	2511-56994	05-May-12	22-Sep-13	BP=4
American Goldfinch	AHY-F	2521-40139	12-Aug-12	29-Aug-13	BP=4
American Goldfinch	AHY-M	2521-40142	12-Aug-12	15-Sep-13	CP=2
American Goldfinch	AHY-F	2521-40149	16-Aug-12	15-Sep-13	BP=4
American Goldfinch	AHY-M	2521-40186	28-Aug-12	11-Aug-13	CP=2
American Goldfinch	AHY-M	2521-40231	06-Sep-12	24-Aug-13	CP=2
American Goldfinch	AHY-F	2521-40335	22-Sep-12	31-Aug-13	BP=4
American Goldfinch	AHY-F	2521-40351	22-Sep-12	07-Sep-13	BP=4
American Goldfinch	AHY-F	2521-40447	04-Oct-12	05-Sep-13 22-Sep-13	BP=4 BP=4
American Goldfinch	AHY-F	2521-40464	06-Oct-12	31-Aug-13	BP=4
American Goldfinch	AHY-F	2521-40494	11-Oct-12	14-Sep-13	BP=4
American Goldfinch	AHY-M	2521-40971	13-Apr-13	07-Sep-13	CP=2
American Goldfinch	AHY-M	2521-40984	17-Apr-13	29-Aug-13	CP=2
American Goldfinch	AHY-M	2521-40995	20-Apr-13	12-Sep-13	CP=2
American Goldfinch	AHY-F	2660-28183	20-Apr-13	29-Aug-13 05-Sep-13 07-Sep-13 12-Sep-13 14-Sep-13	BP=3 BP=4 - BP=4 -

Table 8. Cont'd. (page 3 of 3)

Species	Age/Sex	Band No.	Date Banded	Dates Recaptured	Breeding Evidence Observed
American Goldfinch	AHY-M	2660-28184	20-Apr-13	11-Aug-13 24-Aug-13	CP=3 -
American Goldfinch	AHY-F	2591-24318	27-Apr-13	14-Sep-13	BP=4
American Goldfinch	AHY-M	2591-24319	27-Apr-13	24-Aug-13	CP=3
American Goldfinch	AHY-M	2591-24373	11-May-13	11-Aug-13	CP=2
American Goldfinch	AHY-M	2591-24381	13-May-13	21-Aug-13	CP=2
American Goldfinch	AHY-M	2591-24431	23-May-13	11-Aug-13	CP=3
American Goldfinch	AHY-F	2591-24438	24-May-13	31-Aug-13	BP=4
American Goldfinch	AHY-F	2591-24446	27-May-13	05-Sep-13	BP=4
American Goldfinch	AHY-F	2591-24463	30-May-13	15-Aug-13	BP=3
American Goldfinch	AHY-M	2591-24467	30-May-13	08-Aug-13	CP=2
American Goldfinch	AHY-F	2591-24472	07-Jun-13	24-Aug-13	BP=4
American Goldfinch	AHY-M	2591-24480	04-Aug-13	11-Aug-13	CP=3/CP=3
American Goldfinch	AHY-M	2591-24481	04-Aug-13	-	CP=3
American Goldfinch	AHY-M	2591-24489	08-Aug-13	15-Aug-13	CP=3/CP=2
American Goldfinch	AHY-F	2591-24500	08-Aug-13	-	BP=3
American Goldfinch	AHY-M	2591-24514	08-Aug-13	-	CP=2
American Goldfinch	AHY-F	2591-24525	11-Aug-13	-	BP=3
American Goldfinch	AHY-M	2591-24527	11-Aug-13	-	CP=3
American Goldfinch	AHY-F	2591-24528	11-Aug-13	-	BP=3
American Goldfinch	AHY-F	2591-24545	21-Aug-13	-	BP=4
American Goldfinch	AHY-F	2591-24576	24-Aug-13	-	BP=4
American Goldfinch	AHY-M	2591-24577	24-Aug-13	-	CP=2
American Goldfinch	AHY-M	2591-24595	29-Aug-13	-	CP=2
American Goldfinch	AHY-M	2591-24600	29-Aug-13	-	CP=2
American Goldfinch	AHY-F	2591-24601	29-Aug-13	-	BP=3
American Goldfinch	AHY-F	2591-24624	31-Aug-13	-	BP=3
American Goldfinch	AHY-M	2591-24625	31-Aug-13	-	CP=2
American Goldfinch	AHY-F	2591-24628	31-Aug-13	-	BP=4
American Goldfinch	AHY-M	2591-24629	31-Aug-13	-	CP=2
American Goldfinch	AHY-F	2591-24633	31-Aug-13	-	BP=4
American Goldfinch	AHY-F	2591-24638	05-Sep-13	-	BP=4
American Goldfinch	AHY-M	2591-24640	05-Sep-13	-	CP=2
American Goldfinch	AHY-F	2591-24674	05-Sep-13	-	BP=4
American Goldfinch	AHY-F	2591-24694	07-Sep-13	-	BP=4
American Goldfinch	AHY-F	2591-24704	07-Sep-13	-	BP=4
American Goldfinch	AHY-F	2591-24717	07-Sep-13	-	BP=4
American Goldfinch	AHY-F	2591-24721	07-Sep-13	-	BP=4
American Goldfinch	AHY-M	2591-24723	07-Sep-13	-	CP=2
American Goldfinch	AHY-F	2591-24736	07-Sep-13	-	BP=4
American Goldfinch	AHY-F	2591-24742	12-Sep-13	-	BP=4
American Goldfinch	AHY-M	2591-24745	12-Sep-13	-	CP=2
American Goldfinch	AHY-F	2591-24747	12-Sep-13	-	BP=4

Table 9. Returns from 2007

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	Loc *
American Goldfinch	1601-24798	21-Apr-07	SY-M	07-Sep-13	8Y-M	F

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

Table 10. Returns from 2008

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	Loc *
American Robin	1232-43429	30-Aug-08	HY-U	15-Aug-13	6Y-M	U
American Goldfinch	2321-69558	28-Sep-08	HY-F	07-Sep-13	6Y-F	F

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

Table 11. Returns from 2009

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	Loc *
Song Sparrow	2431-38069	23-May-09	ASY-F	10-Oct-13	A6Y-F	U
American Goldfinch	2401-00522	14-Oct-09	HY-M	05-Sep-13	5Y-M	F

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

Table 12. Returns from 2010

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	Loc *
Downy Woodpecker	2431-38789	28-May-10	SY-M	12-Oct-13	5Y-M	U
Song Sparrow	2431-38805	27-Aug-10	HY-U	12-Oct-13	4Y-U	F
American Goldfinch	2401-00775	09-Apr-10	SY-F	19-Sep-13	5Y-F	F
American Goldfinch	2401-00971	27-Aug-10	HY-M	24-Aug-13 29-Aug-13	4Y-M	F F
American Goldfinch	2401-44629	05-Sep-10	HY-F	24-Aug-13 07-Sep-13	4Y-F	F F
American Goldfinch	2401-44974	13-Oct-10	HY-F	24-Aug-13	4Y-F	F
American Goldfinch	2401-44981	13-Oct-10	HY-M	29-Aug-13	4Y-M	F

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

Table 13. Returns from 2011

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	Loc *
Black-capped Chickadee	2610-05410	03-Apr-11	AHY-U	26-Sep-13	A3Y-U	U
Black-capped Chickadee	2610-05676	09-Sep-11	HY-U	21-Aug-13	3Y-U	F
Yellow Warbler	2610-05511	14-May-11	SY-F	31-Aug-13	4Y-F	F
Yellow Warbler	2610-05549	28-May-11	SY-M	08-Aug-13	4Y-M	F
Common Yellowthroat	2610-05629	26-Aug-11	HY-U	24-Aug-13	3Y-F	U
Song Sparrow	2551-24385	10-Aug-11	HY-U	08-Aug-13	3Y-M	W
Song Sparrow	2551-64737	14-Oct-11	AHY-U	08-Aug-13	A3Y-M	F
Baltimore Oriole	2411-55120	10-Aug-11	HY-U	08-Aug-13	3Y-M	FE
Baltimore Oriole	2411-55122	10-Aug-11	AHY-F	08-Aug-13	A3Y-F	FE
American Goldfinch	2511-29348	09-Apr-11	SY-M	27-Sep-13	4Y-M	F
American Goldfinch	2511-29354	09-Apr-11	SY-F	07-Sep-13 15-Sep-13	4Y-F	F F
American Goldfinch	2511-29450	07-May-11	SY-F	31-Aug-13	4Y-F	F
American Goldfinch	2511-56018	14-May-11	SY-M	11-Aug-13	4Y-M	F
American Goldfinch	2511-56033	19-May-11	SY-F	05-Sep-13	4Y-F	F
American Goldfinch	2511-56115	18-Aug-11	AHY-F	24-Aug-13 29-Aug-13	A3Y-F	F F
American Goldfinch	2511-56158	26-Aug-11	AHY-F	07-Sep-13	A3Y-F	F
American Goldfinch	2511-56221	05-Sep-11	HY-M	08-Aug-13	3Y-M	F
American Goldfinch	2511-56272	09-Sep-11	HY-F	24-Aug-13	3Y-F	F
American Goldfinch	2511-56299	10-Sep-11	HY-F	07-Sep-13	3Y-F	F
American Goldfinch	2511-56333	14-Sep-11	HY-M	31-Aug-13	3Y-M	F
American Goldfinch	2511-56588	17-Oct-11	HY-F	15-Aug-13	3Y-F	F

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

Table 14. Returns from 2012

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	Loc *
Mourning Dove	1693-47907	11-Oct-12	AHY-M	03-Nov-13	ASY-M	U
Downy Woodpecker	2571-96290	20-Oct-12	HY-F	08-Aug-13	SY-F	U
Downy Woodpecker	2571-96291	20-Oct-12	HY-M	26-Sep-13	SY-M	SW
Black-capped Chickadee	2660-28034	20-Oct-12	AHY-U	12-Oct-13	ASY-U	U
American Robin	1342-38494	25-Oct-12	HY-U	21-Aug-13	SY-F	W
Yellow Warbler	2610-05917	12-May-12	SY-M	11-Aug-13	3Y-M	U
Northern Cardinal	1292-72980	28-Apr-12	SY-M	12-Oct-13	3Y-M	U
Rose-breasted Grosbeak	2411-55365	28-Aug-12	HY-F	29-Sep-13	SY-F	F
Song Sparrow	2551-65220	09-Aug-12	HY-U	12-Oct-13	SY-U	F
Song Sparrow	2571-96271	20-Oct-12	HY-U	29-Sep-13 12-Oct-13	SY-U	F SW
American Goldfinch	2511-56865	25-Apr-12	SY-M	21-Aug-13	3Y-M	F
American Goldfinch	2511-56994	05-May-12	SY-F	22-Sep-13	3Y-F	F
American Goldfinch	2521-40139	12-Aug-12	AHY-F	29-Aug-13	ASY-F	F
American Goldfinch	2521-40142	12-Aug-12	ASY-M	15-Sep-13	A3Y-M	F
American Goldfinch	2521-40149	16-Aug-12	AHY-F	16-Sep-13	ASY-F	F
American Goldfinch	2521-40186	28-Aug-12	HY-M	11-Aug-13	SY-M	F
American Goldfinch	2521-40231	06-Sep-12	HY-M	24-Aug-13	SY-M	F
American Goldfinch	2521-40324	22-Sep-12	HY-M	11-Aug-13	SY-M	F
American Goldfinch	2521-40335	22-Sep-12	HY-F	31-Aug-13	SY-F	F
American Goldfinch	2521-40351	22-Sep-12	HY-F	07-Sep-13	SY-F	F
American Goldfinch	2521-40447	04-Oct-12	HY-F	05-Sep-13 22-Sep-13	SY-F	F F
American Goldfinch	2521-40464	06-Oct-12	HY-F	31-Aug-13	SY-F	F
American Goldfinch	2521-40494	11-Oct-12	HY-F	14-Sep-13	SY-F	F
American Goldfinch	2521-40691	01-Nov-12	HY-M	27-Oct-13	SY-M	F

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

Table 15. Recaptures from spring 2013

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	Loc *
Downy Woodpecker	2571-96460	17-Apr-13	SY-M	15-Sep-13	SY-M	SW
Downy Woodpecker	2571-96562	30-May-13	SY-M	26-Sep-13	SY-M	SW
Black-capped Chickadee	2660-28169	17-Apr-13	AHY-U	12-Sep-13 10-Oct-13	AHY-U	U F
Black-capped Chickadee	2660-28173	20-Apr-13	AHY-F	15-Sep-13	AHY-F	F
Yellow Warbler	2700-01912	27-May-13	SY-M	08-Aug-13 11-Aug-13	SY-M	F F
Common Yellowthroat	2660-28286	24-May-13	AHY-F	12-Sep-13	AHY-F	F
Common Yellowthroat	2700-01922	07-Jun-13	SY-F	04-Aug-1	SY-F	F
Northern Cardinal	1342-38583	30-Apr-13	AHY-M	12-Sep-13	AHY-M	W
Song Sparrow	2571-96494	04-May-13	SY-U	03-Oct-13	SY-U	F
Song Sparrow	2571-96513	11-May-13	SY-F	12-Sep-13	SY-F	F
Song Sparrow	2571-96564	07-Jun-13	ASY-M	20-Oct-13	ASY-M	F
Song Sparrow	2571-96566	07-Jun-13	SY-M	08-Aug-13	SY-M	F
Song Sparrow	2571-96573	08-Jun-13	AHY-M	11-Aug-13	AHY-M	F
American Goldfinch	2521-40971	13-Apr-13	ASY-M	07-Sep-13	ASY-M	F
American Goldfinch	2521-40984	17-Apr-13	SY-M	29-Aug-13	SY-M	F
American Goldfinch	2521-40989	17-Apr-13	ASY-F	07-Sep-13	ASY-F	F
American Goldfinch	2521-40995	20-Apr-13	ASY-M	12-Sep-13	ASY-M	F
American Goldfinch	2660-28183	20-Apr-13	SY-F	29-Aug-13 05-Sep-13 07-Sep-13 12-Sep-13 14-Sep-13	SY-F	F
American Goldfinch	2660-28184	20-Apr-13	SY-M	11-Aug-13 24-Aug-13	SY-M	F
American Goldfinch	2591-24318	27-Apr-13	SY-F	14-Sep-13	SY-F	F
American Goldfinch	2591-24319	27-Apr-13	SY-M	24-Aug-13	SY-M	F
American Goldfinch	2591-24371	11-May-13	SY-F	14-Sep-13	SY-F	F
American Goldfinch	2591-24373	11-May-13	SY-M	11-Aug-13	SY-M	F
American Goldfinch	2591-24381	13-May-13	SY-M	21-Aug-13	SY-M	F
American Goldfinch	2591-24412	18-May-13	SY-M	24-Oct-13	SY-M	F
American Goldfinch	2591-24431	23-May-13	ASY-M	11-Aug-13	ASY-M	F
American Goldfinch	2591-24438	24-May-13	SY-F	31-Aug-13	SY-F	F
American Goldfinch	2591-24446	27-May-13	SY-F	05-Sep-13	SY-F	F
American Goldfinch	2591-24463	30-May-13	SY-F	15-Aug-13	SY-F	F
American Goldfinch	2591-24467	30-May-13	SY-M	08-Aug-13	SY-M	F
American Goldfinch	2591-24472	07-Jun-13	SY-F	24-Aug-13	SY-F	F
American Goldfinch	2591-24479	08-Jun-13	ASY-M	07-Sep-13	ASY-M	F

Table 16. Same Season Recaptures (with weight gain or loss noted), migrants only.
(Bold Ital=Neotropical Migrant, Bold=Migrant)

Species	Band No.	Age/Sex	Date Banded	Date Recaptured	No. of days	Original Weight	Weight at Recapture (g)	Gain/Loss (g)	Gain/Loss (%)
Northern Flicker	1603-53387	AHY-M	04-Aug-13	08-Aug-13	4	108.4	112.5	+4.1	+3.8%
Brown Creeper	2630-26136	HY-U	17-Oct-13	20-Oct-13	3	7.5	7.4	-0.1	-1.3%
<i>House Wren</i>	2700-01992	HY-U	11-Aug-13	15-Aug-13	4	9.5	9.6	+0.1	+1.0%
<i>House Wren</i>	2700-03021	HY-U	24-Aug-13	19-Sep-13	26	9.3	11.6	+2.3	+24.7%
<i>House Wren</i>	2700-03028	HY-U	24-Aug-13	05-Sep-13	12	10.1	10.4		
				12-Sep-13	19	10.4	11.3		
				22-Sep-13	29	11.3	11.3	+1.2	+11.9%
<i>House Wren</i>	2700-03035	HY-U	31-Aug-13	12-Sep-13	12	10.3	9.7	-0.6	-5.8%
<i>House Wren</i>	2700-03071	HY-U	12-Sep-13	22-Sep-13	10	11.7	10.5		
				26-Sep-13	14	10.5	10.8		
				29-Sep-13	17	10.8	10.8	-0.9	-7.7%
<i>House Wren</i>	2700-03135	HY-U	19-Sep-13	26-Sep-13	7	11.1	10.9	-0.2	-1.8%
<i>House Wren</i>	2700-03155	HY-U	26-Sep-13	29-Sep-13	3	10.9	11.5	+0.6	+5.5%
Winter Wren	2630-26131	HY-U	17-Oct-13	24-Oct-13	7	8.2	8.3	+0.1	+1.2%
Golden-crowned Kinglet	2630-26146	U-M	20-Oct-13	03-Nov-13	14	6.4	6.4	0	0%
<i>Gray-cheeked Thrush</i>	2571-96715	HY-U	19-Sep-13	22-Sep-13	3	31.8	33.7	+1.9	+6.0%
Hermit Thrush	2571-96792	HY-U	29-Sep-13	03-Oct-13	4	28.4	29.1	+0.7	+2.5%
Hermit Thrush	2571-96883	HY-U	03-Oct-13	10-Oct-13	7	25.3	28.9	+3.6	+14.2%
Hermit Thrush	2571-96984	HY-U	10-Oct-13	12-Oct-13	2	27.6	26.1	-1.5	-5.4%
Hermit Thrush	2661-04827	HY-U	10-Oct-13	12-Oct-13	2	30.0	29.7	-0.3	-1.0%
Hermit Thrush	2661-04869	HY-U	10-Oct-13	17-Oct-13	7	29.2	32.1	+2.9	+9.9%
Hermit Thrush	2661-05079	HY-U	10-Oct-13	20-Oct-13	3	26.1	27.0	+0.9	+3.4%
American Robin	1352-36608	HY-U	08-Aug-13	21-Aug-13	13	77.6	79.4	+1.8	+2.3%
American Robin	1352-36611	HY-U	08-Aug-13	21-Aug-13	13	71.2	69.3		
				24-Aug-13	16	69.3	68.7	-2.5	-3.5%
<i>Yellow Warbler</i>	2700-01912	SY-M	27-May-13	09-Aug-13	-	-	10.6		
				11-Aug-13	2	10.6	10.3	-0.3	-2.8%
<i>Yellow Warbler</i>	2700-01935	AHY-F	04-Aug-13	08-Aug-13	4	10.0	10.3	+0.3	3.0%
<i>Yellow Warbler</i>	2700-01976	HY-U	08-Aug-13	11-Aug-13	3	11.4	10.6	-0.8	-7.0%
<i>Yellow Warbler</i>	2700-01986	HY-U	08-Aug-13	15-Aug-13	7	10.3	9.3	-1.0	-9.7%
Black-thr. Blue Warbler	2670-24721	AHY-M	22-Sep-13	29-Sep-13	7	9.5	10.4	+0.9	+9.5%
<i>Common Yellowthroat</i>	2700-01943	HY-M	04-Aug-13	05-Sep-13	32	11.0	10.8		
				14-Sep-13	41	10.8	9.7	-1.3	-11.8%
<i>Common Yellowthroat</i>	2700-01945	HY-M	04-Aug-13	12-Sep-13	29	10.4	10.2	-0.2	-1.9%
<i>Common Yellowthroat</i>	2700-01954	HY-U	08-Aug-13	15-Aug-13	7	9.6	9.2	-0.4	-4.2%
<i>Common Yellowthroat</i>	2700-01957	HY-U	08-Aug-13	15-Aug-13	7	9.5	10.1		
				15-Sep-13	38	10.1	10.1	+0.6	+6.3%
<i>Common Yellowthroat</i>	2700-01963	HY-M	08-Aug-13	31-Aug-13	23	10.0	10.6		
				05-Sep-13	28	10.6	10.4	+0.4	4.0%
<i>Common Yellowthroat</i>	2700-01972	HY-U	08-Aug-13	29-Sep-13	52	10.2	9.2	-1.0	-9.8%
<i>Common Yellowthroat</i>	2700-01984	HY-U	08-Aug-13	11-Aug-13	3	10.3	10.1	-0.2	-1.9%
<i>Common Yellowthroat</i>	2700-03006	HY-U	15-Aug-13	21-Aug-13	6	9.6	9.9	+0.3	+3.1%
<i>Common Yellowthroat</i>	2700-03008	HY-M	15-Aug-13	15-Sep-13	31	11.7	11.1	-0.6	-5.1%
<i>Common Yellowthroat</i>	2700-03020	HY-U	24-Aug-13	12-Sep-13	19	9.6	9.7	+0.1	+1.0%
<i>Common Yellowthroat</i>	2700-03026	HY-U	24-Aug-13	29-Aug-13	5	11.3	11.0	-0.3	-2.6%
<i>Common Yellowthroat</i>	2700-03030	HY-M	29-Aug-13	05-Sep-13	7	9.8	10.0	+0.2	+2.0%
<i>Common Yellowthroat</i>	2700-03038	AHY-M	31-Aug-13	12-Sep-13	12	10.2	9.6	-0.6	-5.9%

Table 16. Cont'd. (page 2 of 9)

Species	Band No.	Age/Sex	Date Banded	Date Recaptured	No. of days	Original Weight	Weight at Recapture (g)	Gain/Loss (g)	Gain/Loss (%)
<i>Common Yellowthroat</i>	2700-03040	HY-U	31-Aug-13	05-Sep-13	5	10.9	11.1	+0.2	+1.8%
<i>Common Yellowthroat</i>	2700-03058	AHY-M	07-Sep-13	12-Sep-13	5	10.5	10.6	+0.1	+0.9%
<i>Common Yellowthroat</i>	2700-03068	AHY-F	12-Sep-13	19-Sep-13	7	10.9	10.8	-0.1	-0.9%
<i>Common Yellowthroat</i>	2700-03125	HY-M	14-Sep-13	15-Sep-13	1	9.3	9.0	-0.3	-3.2%
<i>Common Yellowthroat</i>	2700-03129	HY-M	14-Sep-13	15-Sep-13	1	10.8	11.0	+0.2	+1.8%
<i>Ovenbird</i>	2591-24756	HY-U	12-Sep-13	14-Sep-13	2	20.8	20.9	+0.1	+0.5%
<i>Ovenbird</i>	2591-25209	HY-U	03-Oct-13	10-Oct-13	7	19.3	18.9	-0.4	-2.1%
<i>Mourning Warbler</i>	2700-03109	HY-F	12-Sep-13	14-Sep-13	2	12.5	12.1	-0.4	-3.2%
<i>Wilson's Warbler</i>	2670-24736	HY-M	29-Sep-13	03-Oct-13	4	6.6	6.9	+0.3	+4.5%
<i>Field Sparrow</i>	2700-03192	HY-U	24-Oct-13	27-Oct-13	3	13.7	13.9	+0.2	+1.5%
<i>Fox Sparrow</i>	2561-68354	HY-U	27-Oct-13	30-Oct-13	3	34.4	35.1		
				03-Nov-13	7	35.1	35.9	+1.5	+4.4%
<i>Song Sparrow</i>	2571-96271	AHY-U	20-Oct-12	29-Sep-13	-	-	20.8		
				12-Oct-13	13	20.8	18.6	-2.2	-10.6%
<i>Song Sparrow</i>	2571-96575	HY-U	04-Aug-13	08-Aug-13	4	20.1	20.6	+0.5	+2.5%
<i>Song Sparrow</i>	2571-96579	HY-U	08-Aug-13	15-Aug-13	7	21.0	21.0		
				14-Sep-13	37	21.0	20.9	-0.1	-0.5%
<i>Song Sparrow</i>	2571-96580	HY-U	08-Aug-13	11-Aug-13	3	17.0	17.1	+0.1	+0.6%
<i>Song Sparrow</i>	2571-96581	HY-U	08-Aug-13	11-Aug-13	3	16.7	16.5		
				15-Aug-13	7	16.5	16.7	0	0%
<i>Song Sparrow</i>	2571-96586	HY-U	08-Aug-13	15-Aug-13	7	20.2	20.7	+0.5	+2.5%
<i>Song Sparrow</i>	2571-96590	HY-U	08-Aug-13	22-Sep-13	45	18.3	19.2		
				29-Sep-13	52	19.2	18.6	+0.3	+1.6%
<i>Song Sparrow</i>	2571-96591	HY-U	08-Aug-13	11-Aug-13	3	18.0	18.3	+0.3	+1.7%
<i>Song Sparrow</i>	2571-96592	HY-U	08-Aug-13	11-Aug-13	3	18.1	18.1	0	0%
<i>Song Sparrow</i>	2571-96593	HY-U	08-Aug-13	11-Aug-13	3	18.4	17.8	-0.6	-3.3%
<i>Song Sparrow</i>	2571-96613	HY-U	11-Aug-13	15-Aug-13	4	17.8	19.1	+1.3	+7.3%
<i>Song Sparrow</i>	2571-96618	HY-U	11-Aug-13	29-Aug-13	18	19.4	20.5	+1.1	+5.7%
<i>Song Sparrow</i>	2571-96629	HY-U	11-Aug-13	27-Oct-13	77	18.9	19.4	+0.5	+2.6%
<i>Song Sparrow</i>	2571-96630	HY-U	11-Aug-13	15-Sep-13	35	20.3	22.9	+2.6	+12.8%
<i>Song Sparrow</i>	2571-96635	HY-U	15-Aug-13	24-Aug-13	9	20.5	20.4	-0.1	-0.5%
<i>Song Sparrow</i>	2571-96646	AHY-U	15-Aug-13	12-Oct-13	58	18.6	17.8	-0.8	-4.3%
<i>Song Sparrow</i>	2571-96651	HY-U	21-Aug-13	14-Sep-13	24	17.7	18.2	+0.5	+2.8%
<i>Song Sparrow</i>	2571-96656	HY-U	21-Aug-13	29-Aug-13	8	20.6	17.8	-2.8	-13.6%
<i>Song Sparrow</i>	2571-96661	HY-U	24-Aug-13	07-Sep-13	14	21.4	22.7	+1.3	+6.1%
<i>Song Sparrow</i>	2571-96665	HY-U	24-Aug-13	29-Aug-13	5	19.6	19.7	+0.1	+0.5%
<i>Song Sparrow</i>	2571-96669	HY-U	29-Aug-13	31-Aug-13	2	18.3	17.7	-0.6	-3.3%
<i>Song Sparrow</i>	2571-96674	HY-U	29-Aug-13	10-Oct-13	42	20.7	20.4	-0.3	-1.4%
<i>Song Sparrow</i>	2571-96680	HY-U	31-Aug-13	30-Oct-13	60	19.2	23.4	+4.2	+21.9%
<i>Song Sparrow</i>	2571-96682	HY-U	31-Aug-13	10-Oct-13	40	21.2	20.2	-1.0	-4.7%
<i>Song Sparrow</i>	2571-96684	HY-U	31-Aug-13	29-Sep-13	29	19.1	19.3	+0.2	+1.0%
<i>Song Sparrow</i>	2571-96688	HY-U	05-Sep-13	24-Oct-13	49	17.7	22.3	+4.6	+26.0%
<i>Song Sparrow</i>	2571-96692	HY-U	07-Sep-13	20-Oct-13	43	19.4	22.0	+2.7	+13.9%
<i>Song Sparrow</i>	2571-96708	HY-U	14-Sep-13	10-Oct-13	26	19.5	22.2	+2.7	+13.8%
<i>Song Sparrow</i>	2571-96709	HY-U	14-Sep-13	10-Oct-13	26	20.0	21.6	+1.6	+8.0%
<i>Song Sparrow</i>	2571-96711	AHY-U	15-Sep-13	10-Oct-13	25	19.1	20.8	+1.7	+8.9%
<i>Song Sparrow</i>	2571-96721	HY-U	22-Sep-13	10-Oct-13	18	22.6	21.6	-1.0	-4.4%
<i>Song Sparrow</i>	2571-96727	HY-U	22-Sep-13	20-Oct-13	28	20.0	20.1	+0.1	+0.5%
<i>Song Sparrow</i>	2571-96754	HY-U	26-Sep-13	03-Oct-13	7	19.9	22.3	+2.4	+12.0%

Table 16. Cont'd. (page 3 of 9)

Species	Band No.	Age/Sex	Date Banded	Date Recaptured	No. of days	Original Weight	Weight at Recapture (g)	Gain/Loss (g)	Gain/Loss (%)
Song Sparrow	2571-96763	HY-U	26-Sep-13	29-Sep-13	3	20.8	19.5	-1.3	-6.2%
Song Sparrow	2571-96812	HY-U	29-Sep-13	03-Oct-13	4	20.6	20.2	-0.4	-1.9%
Song Sparrow	2571-96820	HY-U	29-Sep-13	12-Oct-13	13	20.5	18.5	-2.0	-9.8%
Song Sparrow	2661-04850	HY-U	10-Oct-13	24-Oct-13	14	17.2	19.9	+2.7	+15.7%
Song Sparrow	2661-04970	HY-U	12-Oct-13	27-Oct-13	15	20.0	22.9	+2.9	+14.5%
Song Sparrow	2661-04971	HY-U	12-Oct-13	24-Oct-13	12	20.1	21.3	+1.2	+6.0%
Song Sparrow	2661-05023	HY-U	12-Oct-13	20-Oct-13	8	18.8	19.4	+0.6	+3.2%
Song Sparrow	2661-05054	HY-U	12-Oct-13	20-Oct-13	8	19.9	21.0	+1.1	+5.5%
Song Sparrow	2661-05072	HY-U	17-Oct-13	30-Oct-13	13	19.9	21.9	+2.0	+10.0%
Song Sparrow	2661-05081	HY-U	17-Oct-13	27-Oct-13	10	20.1	21.2	+1.1	+5.5%
Song Sparrow	2661-05087	HY-U	17-Oct-13	27-Oct-13	10	20.0	21.7	+1.7	+8.5%
Song Sparrow	2661-05106	HY-U	20-Oct-13	27-Oct-13	7	20.7	19.1	-1.6	-7.7%
Song Sparrow	2661-05180	HY-U	27-Oct-13	03-Nov-13	7	19.7	19.2	-0.5	-2.5%
Song Sparrow	2661-05181	HY-U	27-Oct-13	30-Oct-13	3	21.5	22.5	+1.0	+4.6%
Lincoln's Sparrow	2591-24951	HY-U	19-Sep-13	22-Sep-13	3	14.0	15.0	+1.0	+7.1%
Swamp Sparrow	2591-24492	HY-U	08-Aug-13	11-Aug-13	3	15.7	15.5	-0.2	-1.3%
Swamp Sparrow	2591-24510	HY-U	08-Aug-13	15-Aug-13	7	15.0	15.2	+0.2	+1.3%
Swamp Sparrow	2591-24517	HY-U	08-Aug-13	22-Sep-13	45	14.1	15.0	+0.9	+6.4%
Swamp Sparrow	2591-24534	HY-U	15-Aug-13	22-Sep-13	38	14.0	16.0	+2.0	+14.3%
White-throated Sparrow	2571-96741	HY-U	26-Sep-13	03-Oct-13	7	24.0	25.5		
				12-Oct-13	16	25.5	27.2	+3.2	+13.3%
White-throated Sparrow	2571-96767	HY-U	29-Sep-13	03-Oct-13	4	24.4	24.2	-0.2	-0.8%
White-throated Sparrow	2571-96795	HY-U	29-Sep-13	03-Oct-13	4	22.7	20.5	-2.2	-9.7%
White-throated Sparrow	2571-96798	HY-F	29-Sep-13	10-Oct-13	11	23.0	23.2		
				12-Oct-13	13	23.2	23.0	0	0%
White-throated Sparrow	2571-96890	HY-U	03-Oct-13	17-Oct-13	14	22.5	23.9	+1.4	+6.2%
White-throated Sparrow	2571-96900	HY-U	03-Oct-13	10-Oct-13	7	24.4	27.3	+2.9	+11.9%
White-throated Sparrow	2571-96908	HY-U	03-Oct-13	10-Oct-13	7	22.4	22.5		
				27-Oct-13	24	22.5	27.4	+5.0	+22.3%
White-throated Sparrow	2571-96927	HY-U	10-Oct-13	12-Oct-13	2	24.8	23.3	-1.5	-6.0%
White-throated Sparrow	2571-96947	AHY-U	10-Oct-13	12-Oct-13	2	25.5	24.3	-1.2	-4.7%
White-throated Sparrow	2571-96954	HY-U	10-Oct-13	17-Oct-13	7	25.9	28.8	+2.9	+11.2%
White-throated Sparrow	2661-04808	AHY-U	10-Oct-13	12-Oct-13	2	25.2	24.7	-0.5	-2.0%
White-throated Sparrow	2661-04864	AHY-U	10-Oct-13	12-Oct-13	2	24.4	23.1	-1.3	-5.3%
White-throated Sparrow	2661-04899	HY-U	10-Oct-13	12-Oct-13	2	23.1	18.7	-4.4	-19.0%
White-throated Sparrow	2561-68338	HY-F	10-Oct-13	27-Oct-13	17	22.9	23.5	+0.6	+2.6%
White-throated Sparrow	2561-68348	HY-U	10-Oct-13	17-Oct-13	7	22.4	22.7	+0.3	+1.3%
White-throated Sparrow	2661-04917	HY-U	12-Oct-13	20-Oct-13	8	23.0	24.7	+1.7	+7.4%
White-throated Sparrow	2661-04983	HY-U	12-Oct-13	20-Oct-13	8	26.5	29.8	+3.3	+12.4%
White-throated Sparrow	2661-05007	HY-U	12-Oct-13	27-Oct-13	15	22.6	26.1	+3.5	+15.5%
White-throated Sparrow	2661-05063	HY-U	17-Oct-13	24-Oct-13	7	26.3	28.4	+2.1	+8.0%
White-throated Sparrow	2661-05067	HY-U	17-Oct-13	27-Oct-13	10	25.1	28.3	+3.2	+12.7%
White-throated Sparrow	2661-05124	HY-U	24-Oct-13	30-Oct-13	6	25.1	26.0	+0.9	+3.6%
White-crowned Sparrow	2571-96740	HY-U	26-Sep-13	29-Sep-13	3	24.8	25.6	+0.8	+3.2%
White-crowned Sparrow	2571-96759	HY-U	26-Sep-13	29-Sep-13	3	22.6	21.6	-1.0	-4.4%
White-crowned Sparrow	2571-96922	HY-U	10-Oct-13	12-Oct-13	2	27.4	26.4		
				17-Oct-13	7	26.4	28.8		
				20-Oct-13	10	28.8	29.8	+2.8	+10.2%

Table 16. Cont'd. (page 4 of 9)

Species	Band No.	Age/Sex	Date Banded	Date Recaptured	No. of days	Original Weight	Weight at Recapture (g)	Gain/Loss (g)	Gain/Loss (%)
White-crowned Sparrow	2571-96932	HY-U	10-Oct-13	12-Oct-13	2	28.5	26.6		
				17-Oct-13	7	26.6	27.6	-0.9	-3.2%
White-crowned Sparrow	2571-96948	HY-U	10-Oct-13	12-Oct-13	2	26.7	26.8		
				17-Oct-13	7	26.8	29.8		
				20-Oct-13	10	29.8	31.6	+4.9	+18.4%
White-crowned Sparrow	2571-96951	HY-U	10-Oct-13	12-Oct-13	2	25.4	27.5	+2.1	+8.3%
White-crowned Sparrow	2661-04851	HY-U	10-Oct-13	12-Oct-13	2	28.4	26.9	-1.4	-4.9%
White-crowned Sparrow	2661-04919	HY-U	12-Oct-13	20-Oct-13	8	22.3	26.6	+4.3	+19.3%
White-crowned Sparrow	2661-04988	HY-U	12-Oct-13	20-Oct-13	8	26.3	25.3	-1.0	-3.8%
White-crowned Sparrow	2661-04991	HY-U	12-Oct-13	20-Oct-13	8	25.9	27.6	+1.7	+6.6%
White-crowned Sparrow	2661-05036	HY-U	12-Oct-13	20-Oct-13	8	22.0	25.0	+3.0	+13.6%
White-crowned Sparrow	2661-05047	HY-U	12-Oct-13	17-Oct-13	5	29.9	28.1		
				20-Oct-13	8	28.1	30.1		
				24-Oct-13	12	30.1	30.1		
				27-Oct-13	15	30.1	31.7	+1.8	+6.0%
White-crowned Sparrow	2661-05071	HY-U	17-Oct-13	20-Oct-13	3	28.2	27.9	-0.3	-1.1%
White-crowned Sparrow	2661-05101	HY-U	20-Oct-13	27-Oct-13	7	26.0	27.0		
				30-Oct-13	10	27.0	29.0	+3.0	+11.5%
White-crowned Sparrow	2661-05108	HY-U	20-Oct-13	24-Oct-13	4	24.0	24.1	+0.1	+0.4%
Dark-eyed Junco	2591-25308	HY-M	24-Oct-13	27-Oct-13	3	19.4	18.8		
				30-Oct-13	6	18.8	18.0	-1.4	-7.2%
Red-winged Blackbird	2561-68295	HY-F	11-Aug-13	14-Sep-13	34	37.3	39.3	+2.0	+5.4%
Red-winged Blackbird	2561-68316	HY-F	14-Sep-13	22-Sep-13	8	34.6	36.6	+2.0	+5.8%
House Finch	2571-96609	HY-U	08-Aug-13	11-Aug-13	3	21.4	21.4	0	0%
American Goldfinch	2401-00971	AHY-M	27-Aug-10	24-Aug-13	-	-	13.1		
				29-Aug-13	5	13.1	13.0	-0.1	-0.8%
American Goldfinch	2401-44629	AHY-F	05-Sep-10	24-Aug-13	-	-	13.3		
				07-Sep-13	14	13.3	13.3	0	0%
American Goldfinch	2511-29354	AHY-F	09-Apr-11	07-Sep-13	-	-	12.4		
				15-Sep-13	8	12.4	12.8	+0.4	+3.2%
American Goldfinch	2511-56115	AHY-F	18-Aug-11	24-Aug-13	-	-	11.3		
				29-Aug-13	5	11.3	12.2	+0.9	+8.0%
American Goldfinch	2521-40447	AHY-F	04-Oct-12	05-Sep-13	-	-	12.6		
				22-Sep-13	17	12.6	12.1	-0.5	-4.0%
American Goldfinch	2660-28183	AHY-F	20-Apr-13	29-Aug-13	-	-	13.2		
				05-Sep-13	7	13.2	11.6		
				07-Sep-13	9	11.6	-		
				12-Sep-13	14	-	11.6		
				14-Sep-13	16	11.6	10.5	-2.7	-20.4%
American Goldfinch	2660-28184	AHY-M	20-Apr-13	11-Aug-13	-	-	14.4		
				24-Aug-13	13	14.4	14.1	-0.3	-2.1%
American Goldfinch	2591-24480	AHY-M	04-Aug-13	11-Aug-13	7	12.5	12.9	+0.4	+3.2%
American Goldfinch	2591-24481	AHY-M	04-Aug-13	07-Sep-13	34	13.6	12.7	-0.9	-6.6%
American Goldfinch	2591-24484	HY-M	04-Aug-13	08-Aug-13	4	12.7	12.7	0	0%
American Goldfinch	2591-24485	HY-M	08-Aug-13	11-Aug-13	3	12.4	12.5	+0.1	+0.8%
American Goldfinch	2591-24486	HY-M	08-Aug-13	11-Aug-13	3	13.3	12.7		
				21-Aug-13	13	12.7	13.2		
				31-Aug-13	23	13.2	12.9	-0.4	-3.0%
American Goldfinch	2591-24489	AHY-M	08-Aug-13	15-Aug-13	7	12.3	12.6	+0.3	+2.4%

Table 16. Cont'd. (page 5 of 9)

Species	Band No.	Age/Sex	Date Banded	Date Recaptured	No. of days	Original Weight	Weight at Recapture (g)	Gain/Loss (g)	Gain/Loss (%)
American Goldfinch	2591-24490	HY-M	08-Aug-13	11-Aug-13	3	12.2	11.6		
				29-Aug-13	21	11.6	12.0		
				26-Sep-13	49	12.0	12.8		
				24-Oct-13	77	12.8	13.0	+0.8	+6.6%
American Goldfinch	2591-24491	HY-F	08-Aug-13	15-Aug-13	7	11.2	11.5	+0.3	+2.7%
American Goldfinch	2591-24493	HY-F	08-Aug-13	11-Aug-13	3	12.0	12.3	+0.3	+2.5%
American Goldfinch	2591-24499	HY-M	08-Aug-13	11-Aug-13	3	13.4	12.9	-0.5	-3.7%
American Goldfinch	2591-24504	HY-F	08-Aug-13	11-Aug-13	3	12.0	11.1		
				15-Aug-13	7	11.1	11.6		
				21-Aug-13	13	11.6	12.8	+0.8	+6.7%
American Goldfinch	2591-24507	HY-F	08-Aug-13	14-Sep-13	37	12.7	11.6	-1.1	-8.7%
American Goldfinch	2591-24526	HY-F	11-Aug-13	24-Aug-13	13	11.9	12.0	+0.1	+0.8%
American Goldfinch	2591-24531	HY-M	11-Aug-13	07-Sep-13	27	11.7	11.5	-0.2	-1.7%
American Goldfinch	2591-24540	AHY-F	21-Aug-13	24-Aug-13	3	13.0	13.3	+0.3	+2.3%
American Goldfinch	2591-24546	HY-F	21-Aug-13	14-Sep-13	24	13.1	12.3		
				19-Sep-13	29	12.3	13.4		
				26-Sep-13	36	13.4	13.1		
				10-Oct-13	50	13.1	13.6	+0.5	+3.8%
American Goldfinch	2591-24548	HY-F	21-Aug-13	27-Oct-13	67	11.8	12.6	+0.8	+6.8%
American Goldfinch	2591-24550	HY-M	24-Aug-13	07-Sep-13	14	12.6	13.1		
				12-Sep-13	19	13.1	12.6		
				22-Sep-13	29	12.6	13.0	+0.4	+3.2%
American Goldfinch	2591-24551	HY-F	24-Aug-13	14-Sep-13	21	11.7	11.1		
				29-Sep-13	36	11.1	12.6	+0.9	+7.7%
American Goldfinch	2591-24553	HY-F	24-Aug-13	07-Sep-13	14	12.6	12.0		
				14-Sep-13	21	12.0	12.1	-0.5	-4.0%
American Goldfinch	2591-24556	HY-M	24-Aug-13	07-Sep-13	14	11.5	11.5	0	0%
American Goldfinch	2591-24558	HY-M	24-Aug-13	29-Aug-13	5	13.6	13.3	-0.3	-2.2%
American Goldfinch	2591-24561	HY-M	24-Aug-13	31-Aug-13	7	11.8	11.6	-0.2	-1.7%
American Goldfinch	2591-24562	HY-M	24-Aug-13	14-Sep-13	21	11.7	10.7	-1.0	-8.5%
American Goldfinch	2591-24564	HY-M	24-Aug-13	05-Sep-13	12	13.6	13.8		
				15-Sep-13	22	13.8	13.0		
				19-Sep-13	26	13.0	13.1	-0.5	-3.7%
American Goldfinch	2591-24565	HY-F	24-Aug-13	31-Aug-13	7	13.0	13.0		
				12-Sep-13	19	13.0	11.9		
				14-Sep-13	21	11.9	12.1		
				12-Oct-13	49	12.1	11.6	-1.4	-10.8%
American Goldfinch	2591-24566	HY-M	24-Aug-13	07-Sep-13	14	12.7	12.6	-0.1	-0.8%
American Goldfinch	2591-24570	HY-M	24-Aug-13	05-Sep-13	12	12.1	12.0	-0.1	-0.8%
American Goldfinch	2591-24573	HY-M	24-Aug-13	29-Aug-13	5	12.6	12.9	+0.3	+2.4%
American Goldfinch	2591-24580	HY-F	29-Aug-13	05-Sep-13	7	11.1	11.8		
				12-Sep-13	14	11.8	12.0		
				17-Oct-13	49	12.0	14.0		
				24-Oct-13	56	14.0	13.9	+2.8	+25.2%
American Goldfinch	2591-24582	HY-M	29-Aug-13	31-Aug-13	2	13.3	13.0	-0.3	-2.2%
American Goldfinch	2591-24587	HY-M	29-Aug-13	31-Aug-13	2	11.5	11.6		
				05-Sep-13	7	11.6	12.0		
				30-Oct-13	62	12.0	12.6	+1.1	+9.6%
American Goldfinch	2591-24589	HY-M	29-Aug-13	31-Aug-13	2	12.6	12.3		
				27-Oct-13	59	12.3	13.9	+1.3	+10.3%

Table 16. Cont'd. (page 6 of 9)

Species	Band No.	Age/Sex	Date Banded	Date Recaptured	No. of days	Original Weight	Weight at Recapture (g)	Gain/Loss (g)	Gain/Loss (%)
American Goldfinch	2591-24590	HY-F	29-Aug-13	31-Aug-13	2	12.6	12.2		
				05-Sep-13	7	12.2	12.1		
				22-Sep-13	24	12.1	13.3	+0.7	+5.6%
American Goldfinch	2591-24599	HY-M	29-Aug-13	07-Sep-13	9	12.8	12.4	-0.4	-3.1%
American Goldfinch	2591-24603	HY-M	29-Aug-13	05-Sep-13	7	12.8	12.7	-0.1	-0.8%
American Goldfinch	2591-24604	HY-M	29-Aug-13	05-Sep-13	7	13.1	11.9	-1.2	-9.2%
American Goldfinch	2591-24611	HY-M	31-Aug-13	12-Sep-13	12	11.5	12.3		
				15-Sep-13	15	12.3	12.5		
				22-Sep-13	22	12.5	12.9		
				30-Oct-13	60	12.9	13.0		
				03-Nov-13	64	13.0	12.3	+0.3	+2.6%
American Goldfinch	2591-24616	HY-M	31-Aug-13	05-Sep-13	5	12.8	12.3		
				14-Sep-13	15	12.3	12.3	-0.5	-3.9%
American Goldfinch	2591-24621	HY-M	31-Aug-13	07-Sep-13	7	11.4	11.7	+0.3	+2.6%
American Goldfinch	2591-24626	HY-M	31-Aug-13	14-Sep-13	14	13.4	12.2	-1.2	-9.8%
American Goldfinch	2591-24631	HY-F	31-Aug-13	14-Sep-13	14	11.9	11.0	-0.9	-7.6%
American Goldfinch	2591-24635	HY-M	31-Aug-13	05-Sep-13	5	12.5	12.3		
				07-Sep-13	7	12.3	11.5		
				14-Sep-13	14	11.5	11.5	-1.0	-8.0%
American Goldfinch	2591-24637	HY-M	05-Sep-13	07-Sep-13	2	12.4	12.5		
				15-Sep-13	10	12.5	12.7	+0.3	+2.4%
American Goldfinch	2591-24652	HY-M	03-Sep-13	07-Sep-13	2	12.4	12.6	+0.2	+1.6%
American Goldfinch	2591-24653	HY-M	05-Sep-13	14-Sep-13	9	12.2	11.3	-0.9	-7.4%
American Goldfinch	2591-24664	HY-F	05-Sep-13	14-Sep-13	9	12.6	11.1	-1.5	-11.9%
American Goldfinch	2591-24666	HY-F	05-Sep-13	12-Sep-13	7	13.5	12.0	-1.5	-11.1%
American Goldfinch	2591-24670	HY-M	05-Sep-13	07-Sep-13	2	12.0	11.9		
				14-Sep-13	9	11.9	11.9		
				22-Sep-13	17	11.9	11.7		
				26-Sep-13	21	11.7	12.0		
				17-Oct-13	42	12.0	12.8		
20-Oct-13	45	12.8	12.9	+0.9	+7.5%				
American Goldfinch	2591-24677	HY-M	05-Sep-13	12-Sep-13	7	13.3	12.0	-1.3	-9.8%
American Goldfinch	2591-24681	HY-M	05-Sep-13	12-Sep-13	7	12.9	12.5		
				14-Sep-13	9	12.5	13.8	+0.9	+7.0%
American Goldfinch	2591-24686	HY-M	05-Sep-13	07-Sep-13	2	11.8	11.7	-0.1	-0.8%
American Goldfinch	2591-24692	HY-M	07-Sep-13	12-Sep-13	5	12.2	12.0		
				14-Sep-13	7	12.0	12.1	-0.1	-0.8%
American Goldfinch	2591-24697	HY-M	07-Sep-13	26-Sep-13	19	11.9	13.1	+1.2	+10.1%
American Goldfinch	2591-24705	HY-M	07-Sep-13	14-Sep-13	7	12.8	12.0		
				27-Oct-13	50	12.0	13.7	+0.9	+7.0%
American Goldfinch	2591-24707	HY-M	07-Sep-13	15-Sep-13	8	12.9	12.7	-0.2	-1.6%
American Goldfinch	2591-24708	HY-F	07-Sep-13	15-Sep-13	8	12.2	12.4		
				19-Sep-13	12	12.4	12.0		
				22-Sep-13	15	12.0	11.2	-1.0	-8.2%
American Goldfinch	2591-24710	HY-F	07-Sep-13	14-Sep-13	7	12.5	11.3	-1.2	-9.6%
American Goldfinch	2591-24711	HY-F	07-Sep-13	26-Sep-13	19	11.6	10.3	-1.3	-11.2%
American Goldfinch	2591-24712	HY-F	07-Sep-13	22-Sep-13	15	10.5	11.1	+0.6	+5.7%
American Goldfinch	2591-24715	HY-F	07-Sep-13	14-Sep-13	7	11.8	10.6	-1.2	-10.2%
American Goldfinch	2591-24724	HY-M	07-Sep-13	14-Sep-13	7	13.7	11.7	-2.0	-14.6%

Table 16. Cont'd. (page 7 of 9)

Species	Band No.	Age/Sex	Date Banded	Date Recaptured	No. of days	Original Weight	Weight at Recapture (g)	Gain/Loss (g)	Gain/Loss (%)
American Goldfinch	2591-24725	HY-F	07-Sep-13	14-Sep-13	7	12.3	11.5		
				03-Oct-13	26	11.5	10.7	-1.6	-13.0%
American Goldfinch	2591-24726	HY-F	07-Sep-13	14-Sep-13	7	11.2	10.7		
				22-Sep-13	15	10.7	10.8		
				29-Sep-13	22	10.8	11.4	+0.2	+1.8%
American Goldfinch	2591-24730	HY-F	07-Sep-13	12-Sep-13	5	12.8	13.1		
				14-Sep-13	7	13.1	11.6		
				19-Sep-13	12	11.6	12.7		
				29-Sep-13	22	12.7	12.3	-0.5	-3.9%
American Goldfinch	2591-24731	HY-F	07-Sep-13	12-Sep-13	5	12.4	11.3	-1.1	-8.9%
American Goldfinch	2591-24746	HY-F	12-Sep-13	15-Sep-13	3	12.5	12.3	-0.2	-1.6%
American Goldfinch	2591-24751	HY-M	12-Sep-13	14-Sep-13	2	12.9	12.8		
				20-Oct-13	38	12.8	14.1	+1.2	+9.3%
American Goldfinch	2591-24754	HY-F	12-Sep-13	14-Sep-13	2	12.2	11.5		
				19-Sep-13	7	11.5	12.4	+0.2	+1.6%
American Goldfinch	2591-24760	HY-F	12-Sep-13	14-Sep-13	2	11.7	11.7	0	0%
American Goldfinch	2591-24763	HY-F	12-Sep-13	22-Sep-13	10	12.2	11.5	-0.7	-5.7%
American Goldfinch	2591-24767	HY-M	12-Sep-13	14-Sep-13	2	13.0	13.4	+0.4	+3.1%
American Goldfinch	2591-24768	HY-M	12-Sep-13	22-Sep-13	10	12.8	12.0	-0.8	-6.2%
American Goldfinch	2591-24771	HY-M	12-Sep-13	15-Sep-13	3	11.7	12.0		
				22-Sep-13	10	12.0	11.9		
				26-Sep-13	14	11.9	12.3		
				17-Oct-13	35	12.3	14.2	+2.5	+21.4%
American Goldfinch	2591-24774	HY-M	12-Sep-13	14-Sep-13	2	12.3	11.8	-0.8	-6.5%
American Goldfinch	2591-24781	HY-M	12-Sep-13	19-Sep-13	7	12.2	12.3	+0.1	+0.8%
American Goldfinch	2591-24782	HY-M	12-Sep-13	22-Sep-13	10	12.3	12.5	+0.2	+1.6%
American Goldfinch	2591-24787	HY-F	12-Sep-13	14-Sep-13	2	12.6	11.8		
				15-Sep-13	3	11.8	11.8	-0.8	-6.3%
American Goldfinch	2591-24789	HY-F	12-Sep-13	15-Sep-13	3	12.1	11.5		
				22-Sep-13	10	11.5	12.2	+0.1	+0.8%
American Goldfinch	2591-24797	HY-F	14-Sep-13	19-Sep-13	5	12.2	12.5	+0.3	+2.4%
American Goldfinch	2591-24800	HY-F	14-Sep-13	15-Sep-13	1	11.1	12.0	+0.9	+8.1%
American Goldfinch	2591-24807	HY-F	14-Sep-13	15-Sep-13	1	12.1	12.4	+0.3	+2.5%
American Goldfinch	2591-24818	HY-F	14-Sep-13	15-Sep-13	1	10.8	10.5		
				19-Sep-13	5	10.5	11.0	+0.2	+1.8%
American Goldfinch	2591-24824	HY-F	14-Sep-13	22-Sep-13	8	11.7	12.2		
				10-Oct-13	26	12.2	12.1		
				12-Oct-13	28	12.1	11.5		
				17-Oct-13	33	11.5	12.9		
				24-Oct-13	40	12.9	13.6	+1.9	+16.2%
American Goldfinch	2591-24827	HY-M	14-Sep-13	22-Sep-13	8	11.8	12.4	+0.6	+5.1%
American Goldfinch	2591-24829	HY-M	14-Sep-13	19-Sep-13	5	13.0	13.1		
				22-Sep-13	8	13.1	13.0	0	0%
American Goldfinch	2591-24833	HY-M	14-Sep-13	15-Sep-13	1	12.5	12.7		
				22-Sep-13	8	12.7	12.8	+0.3	+2.4%
American Goldfinch	2591-24835	HY-M	14-Sep-13	26-Sep-13	12	11.7	12.8	+1.1	+9.4%
American Goldfinch	2591-24837	HY-F	14-Sep-13	22-Sep-13	8	11.7	12.0	+0.3	+2.6%
American Goldfinch	2591-24840	HY-F	14-Sep-13	15-Sep-13	1	10.5	10.5		
				19-Sep-13	5	10.5	11.4		
				22-Sep-13	8	11.4	11.1	+0.6	+5.7%

Table 16. Cont'd. (page 8 of 9)

Species	Band No.	Age/Sex	Date Banded	Date Recaptured	No. of days	Original Weight	Weight at Recapture (g)	Gain/Loss (g)	Gain/Loss (%)
American Goldfinch	2591-24849	HY-F	14-Sep-13	15-Sep-13	1	11.7	11.6	-0.1	-0.8%
American Goldfinch	2591-24853	HY-F	14-Sep-13	22-Sep-13	8	11.7	11.2	-0.5	-4.3%
American Goldfinch	2591-24859	HY-F	14-Sep-13	19-Sep-13 26-Sep-13	5 12	12.1 11.1	11.1 11.7	-0.4	-3.3%
American Goldfinch	2591-24865	HY-F	14-Sep-13	22-Sep-13	8	11.3	11.0	-0.3	-2.6%
American Goldfinch	2591-24886	HY-M	14-Sep-13	15-Sep-13	1	12.8	12.7	-0.1	-0.8%
American Goldfinch	2591-24926	HY-M	15-Sep-13	22-Sep-13 26-Sep-13 29-Sep-13 03-Oct-13	7 11 14 18	12.4 12.9 12.3 13.4	12.9 12.3 13.4 13.3	+0.9	+7.3%
American Goldfinch	2591-24927	HY-F	15-Sep-13	22-Sep-13	7	11.9	11.4	-0.5	-4.2%
American Goldfinch	2591-24945	HY-F	15-Sep-13	22-Sep-13	7	13.5	13.1	-0.4	-2.9%
American Goldfinch	2591-24948	HY-F	15-Sep-13	22-Sep-13	7	12.4	11.8	-0.6	-4.8%
American Goldfinch	2591-24949	HY-M	15-Sep-13	19-Sep-13	4	12.9	11.7	-1.2	-9.3%
American Goldfinch	2591-24957	HY-F	19-Sep-13	22-Sep-13 12-Oct-13 24-Oct-13	3 23 35	11.5 11.4 11.9	11.4 11.9 13.6	+2.1	+18.3%
American Goldfinch	2591-24960	HY-M	19-Sep-13	29-Sep-13	10	13.0	14.0	+1.0	+7.7%
American Goldfinch	2591-24963	HY-F	19-Sep-13	22-Sep-13 26-Sep-13 29-Sep-13	3 7 10	9.4 13.1 10.4	13.1 10.4 10.8	+1.4	+14.9%
American Goldfinch	2591-24990	HY-F	19-Sep-13	22-Sep-13 29-Sep-13	3 10	11.2 10.4	10.4 11.7	+0.5	+4.5%
American Goldfinch	2591-24992	HY-F	19-Sep-13	22-Sep-13 29-Sep-13	3 10	12.9 12.6	12.6 13.4	+0.5	+3.9%
American Goldfinch	2591-25011	HY-M	22-Sep-13	26-Sep-13 29-Sep-13 17-Oct-13 27-Oct-13 30-Oct-13	4 7 25 35 38	12.8 12.4 12.8 13.2 13.4	12.4 12.8 13.2 13.4 14.0	+1.2	+9.4%
American Goldfinch	2591-25019	HY-M	22-Sep-13	26-Sep-13 29-Sep-13	4 7	11.6 12.5	12.5 12.6	+1.0	+8.6%
American Goldfinch	2591-25021	HY-F	22-Sep-13	29-Sep-13	7	11.4	12.3	+0.9	+7.9%
American Goldfinch	2591-25028	HY-M	22-Sep-13	17-Oct-13	25	11.3	11.4	+0.1	+0.9%
American Goldfinch	2591-25053	HY-F	22-Sep-13	26-Sep-13	4	11.5	11.9	+0.4	+3.5%
American Goldfinch	2591-25068	HY-F	22-Sep-13	26-Sep-13 29-Sep-13 12-Oct-13	4 7 20	11.0 11.1 11.6	11.1 11.6 12.3	+1.3	+11.8%
American Goldfinch	2591-25069	HY-M	22-Sep-13	17-Oct-13 24-Oct-13	25 32	13.0 13.9	13.9 13.3	+0.3	+2.3%
American Goldfinch	2591-25072	HY-M	22-Sep-13	26-Sep-13 29-Sep-13	4 7	12.4 11.5	11.5 12.1	-0.3	-2.4%
American Goldfinch	2591-25078	HY-M	22-Sep-13	26-Sep-13	4	12.0	11.2	-0.8	-6.7%
American Goldfinch	2591-25090	HY-M	22-Sep-13	26-Sep-13 03-Oct-13	4 11	13.2 12.5	12.5 13.7	+0.5	+3.8%
American Goldfinch	2591-25096	HY-M	26-Sep-13	29-Sep-13	3	13.1	12.9	-0.2	-1.5%
American Goldfinch	2591-25105	HY-F	26-Sep-13	29-Sep-13	3	10.9	11.5	+0.6	+5.5%
American Goldfinch	2591-25120	HY-M	26-Sep-13	10-Oct-13	14	11.9	11.9	0	0%
American Goldfinch	2591-25121	HY-M	26-Sep-13	29-Sep-13	3	11.3	12.6	+1.3	+11.5%

Table 16. Cont'd. (page 9 of 9)

Species	Band No.	Age/Sex	Date Banded	Date Recaptured	No. of days	Original Weight	Weight at Recapture (g)	Gain/Loss (g)	Gain/Loss (%)
American Goldfinch	2591-25123	HY-M	26-Sep-13	29-Sep-13 30-Oct-13	3 34	12.7 13.6	13.6 13.5	+0.8	+6.3%
American Goldfinch	2591-25124	HY-M	26-Sep-13	29-Sep-13	3	12.0	12.6	+0.6	+5.0%
American Goldfinch	2591-25137	HY-F	26-Sep-13	29-Sep-13	3	11.7	12.0	+0.3	+2.6%
American Goldfinch	2591-25145	HY-M	26-Sep-13	27-Oct-13	31	11.5	12.5	+1.0	+8.7%
American Goldfinch	2591-25152	HY-F	26-Sep-13	24-Oct-13	28	12.3	12.0	-0.3	-2.4%
American Goldfinch	2591-25156	HY-M	26-Sep-13	03-Oct-13 10-Oct-13	7 14	14.1 12.9	12.9 13.7	-0.4	-2.8%
American Goldfinch	2591-25170	HY-M	29-Sep-13	03-Oct-13	4	11.0	11.4	+0.4	+3.5%
American Goldfinch	2591-25172	HY-F	29-Sep-13	03-Oct-13	4	10.4	11.1	+0.7	+6.7%
American Goldfinch	2591-25175	HY-F	29-Sep-13	03-Oct-13 12-Oct-13	4 13	11.3 11.3	11.3 11.0	-0.3	-2.6%
American Goldfinch	2591-25179	HY-M	29-Sep-13	10-Oct-13	11	12.7	12.4	-0.3	-2.4%
American Goldfinch	2591-25180	HY-F	29-Sep-13	24-Oct-13 27-Oct-13	25 28	12.8 13.9	13.9 13.9	+1.1	+8.6%
American Goldfinch	2591-25189	HY-F	29-Sep-13	20-Oct-13	21	11.2	12.3	+1.1	+9.8%
American Goldfinch	2591-25197	HY-M	29-Sep-13	24-Oct-13 30-Oct-13	25 31	12.1 13.4	13.4 13.1	+1.0	+8.3%
American Goldfinch	2591-25199	HY-F	29-Sep-13	10-Oct-13	11	12.6	11.0	-1.6	-12.7%
American Goldfinch	2591-25203	HY-F	03-Oct-13	10-Oct-13 24-Oct-13 03-Nov-13	7 21 31	12.0 11.1 14.4	11.1 14.4 13.0	+1.0	+8.3%
American Goldfinch	2591-25229	HY-M	10-Oct-13	12-Oct-13 17-Oct-13	2 7	12.2 13.5	13.5 13.1	+0.9	+7.4%
American Goldfinch	2591-25230	HY-F	10-Oct-13	12-Oct-13 17-Oct-13 20-Oct-13	2 7 10	12.9 12.2 12.7	12.2 12.7 13.2	+0.3	+2.3%
American Goldfinch	2591-25231	HY-F	10-Oct-13	12-Oct-13 17-Oct-13 20-Oct-13 24-Oct-13	2 7 10 14	11.2 10.8 11.5 11.9	10.8 11.5 11.9 12.4	+1.2	+10.7%
American Goldfinch	2591-25234	HY-F	10-Oct-13	17-Oct-13 20-Oct-13 24-Oct-13 27-Oct-13 03-Nov-13	7 10 14 17 24	12.6 11.9 12.3 12.5 12.8	11.9 12.3 12.5 12.8 13.5	+0.9	+7.1%
American Goldfinch	2591-25251	HY-F	10-Oct-13	24-Oct-13	14	11.3	12.8	+1.5	+13.3%
American Goldfinch	2591-25300	HY-M	20-Oct-13	27-Oct-13	7	13.4	14.7	+1.3	+9.7%
American Goldfinch	2591-25302	HY-F	20-Oct-13	24-Oct-13	4	13.5	12.3	-1.2	-8.9%
American Goldfinch	2591-25303	HY-F	20-Oct-13	24-Oct-13	4	13.4	12.3	-1.1	-8.2%
American Goldfinch	2591-25319	HY-F	24-Oct-13	27-Oct-13	3	12.4	11.4	-1.0	-8.0%
American Goldfinch	2591-25334	HY-M	27-Oct-13	30-Oct-13	3	12.8	13.5	+0.7	+5.5%
Minimum Stopover (days)					1	-	-	-	-
Maximum Stopover (days)					77	-	-	-	-
Average Stopover (days)					14.2	-	-	-	-
Total birds with weight gains								165	-
Total birds with weight loss								116	-
Average weight gain									+6.8%
Average weight loss									-5.2%

FALL 2013 - PHOTO HIGHLIGHTS



© Allen T. Chartier
Hatch-year Red-tailed Hawk, the first ever banded at the station. 31 August 2013.



© Allen T. Chartier
Hatch-year female Mourning Dove, one of a record six banded this fall. 26 September 2013.



© Allen T. Chartier
Hatch-year female Sora, the first ever banded at the station. 12 September 2013.



© Allen T. Chartier
Hatch-year Eastern Screech-Owl, only the second ever banded at the station. 20 October 2013.



Hatch-year male Red-bellied Woodpecker, an infrequently banded species here. 11 August 2013.



Hatch-year female White-breasted Nuthatch, an infrequently banded species here. 30 October 2013.



Hatch-year Great Crested Flycatcher, an infrequently banded species here. 7 September 2013.



Hatch-year Carolina Wren, an infrequently banded species here. 30 October 2013.



Hatch-year Philadelphia Vireo, one of a record three banded this fall. 19 September 2013.



Hatch-year Marsh Wren, one of 17 banded at the station this fall. 17 October 2013.



© Allen T. Chartier
After hatch-year female Blue-gray Gnatcatcher, an infrequently banded species here. 12 September 2013.



© Allen T. Chartier
Hatch-year Palm Warbler, one of a record 14 at the station this fall. 12 September 2013.



© Allen T. Chartier
Hatch-year Wood Thrush, one of four banded at the station this fall. 12 September 2013.



© Allen T. Chartier
Hatch-year male Connecticut Warbler, one of a record 3 banded this fall. 7 September 2013.



© Allen T. Chartier
Hatch-year female Cape May Warbler, an infrequently banded species here. 14 September 2013.



© Allen T. Chartier
Hatch-year male Canada Warbler, a declining species banded on the rather late date of 29 September 2013.



Hatch-year female Yellow-breasted Chat, only the third banded here since 2004. 10 October 2013.



Hatch-year Field Sparrow, one of a record ten banded here this fall. 27 October 2013.



After hatch-year female Scarlet Tanager, only the third banded here since 2004. 14 September 2013.



Hatch-year Savannah Sparrow, one of two and the first ever in fall here. 22 September 2013.