

Spring 2008 Banding Summary

Metro Beach Metropark

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Permit No. 23156

INTRODUCTION

The spring of 2008 was the fifth year of a renewed banding study, to eventually be compared with the previous study conducted (in spring) from 1990-1999. Once again, the net lanes required very little clearing, and the vegetation was little changed from last fall. Water levels were lower than in 2006 and 2007, but two net sites had water that was too deep to place nets, the “frog net” site and one of the two “L” nets. A new location was cleared to the east of the “L”, three nets in a u-shape, which turned out to be very productive.

This spring, a method was implemented to keep track of which net group birds were captured in. The new u-shape and the one remaining net of the “L” were called the “Upland” nets (3.75 nets) because the terrain here was entirely, though slightly, above the water level. The u-shape in the field (2.75 nets) was called, appropriately, the “Field” nets, the three nets in the swamp woods, including the long “waterthrush” net were called the “Swamp” nets (3.50 nets), the one net (1.0 net) on the edge of the field where hummingbird feeders were placed was called “Field Edge” and the two nets (2.50 nets) parallel to the road among the willows were called “Willow” nets.

Deer were again in evidence in the banding area, though we managed to avoid any of them running through them there were a couple of close calls. Another continuing problem is vandalism where our markers for net locations keep getting removed, and this year lots of logs and branches were placed in our walking paths in a manner that created more than an inconvenience, but a true injury hazard.

Temperatures were unseasonably warm in April and unseasonably cool in May. There was almost no rain in April and very little in May, which resulted in the banding area becoming much less muddy than is typical. Wind hampered banding on several days in May.

SPRING 2008 RESULTS

Banding was conducted on 16 days between 5 April and 5 June, with nets open a total of 109.75 hours (1315.25 net hours). Although there were fewer days, and fewer hours open, the number of net hours was the highest so far. A total of 657 new birds of 60 species were banded, plus 256 recaptures (including 105 returnees from previous years) and 31 released unbanded, for a total of 944 captures and a capture rate of 71.8 birds per 100 net hours. This is the highest number of Net Hours but the lowest Capture Rate and species diversity since the project was restarted in 2004. A comparison of all spring banding results since 2004 is shown below in Table 1.

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

Year	Days	Net Hrs.	No. Banded	No. Recaptures	Released unbanded	Total Captures	Capture Rate*	Species
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

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

The peak day was 21 May with 110 birds banded (plus 25 recaptures), and a record 39 species. The second highest day for captures was 12 May with 79 birds banded (plus 39 recaptures) of 33 species.

Breaking down the captures by net groups, there were some interesting results as well as some expected results. In short, the Swamp nets caught 27.1% (7.7% per net) of all the birds, the Upland nets caught 24.8% (6.6% per net), the Field nets caught 22.7% (10.0% per net), the Willow nets caught 15.8% (6.3% per net), and the Field Edge net caught 9.6%. So, while the Swamp and Uplands caught slightly more than 50% of all the birds, on a per-net basis the Field and Field Edge were the most productive. As expected, most of the Ruby-throated Hummingbirds (69%) were caught in the Field Edge net where hummingbird feeders were placed to attract them. Yellow Warblers were captured in a variety of locations with 37% in the Field, 26% in the Uplands, and 25% in the Swamp. Most American Goldfinches (54%) were captured in the Field. Red-winged Blackbirds were interesting in that females were caught mainly in the Upland (52%) and Swamp (41%), while males were caught mainly in the Field (36%) and Swamp (27%).

Among the highlights for this spring was a first for the station, a Worm-eating Warbler. This brings the total number of species banded in spring at Metro Beach since 1990 to 108. Other highlights included three Blackburnian Warblers, a Great Crested Flycatcher, three Barn Swallows, a Brown Thrasher, and two American Tree Sparrows.

Although captured in fairly low numbers (13), this was a record for spring for Ruby-throated Hummingbirds. Once again, vireo and thrush migration was poor except for Veery, which was captured in good numbers, and American Robin, which was captured in record numbers. Red-eyed Vireo went uncaptured for the fifth spring in a row, and Gray-cheeked Thrush was missed this spring as well. The number of *Empidonax* flycatchers captured was improved over the last four years. For the third spring in a row a few swallows were captured, which has been an extremely rare occurrence at Metro Beach, but the Field Nets contributed Tree Swallows (which again nested in a nest box put out for them), Northern Rough-winged Swallows, and Barn Swallows. In April numbers of Brown Creeper, both kinglets, and Fox Sparrow, was very low and Winter Wren was missed entirely for the first time. Warblers were fairly sparse but good in diversity, with 165 warblers of 19 species banded. There were record numbers of Yellow Warblers while American Redstart, Northern Waterthrush, and Canada Warbler were down in number. Sparrow migration was generally good, but no records were set and White-throated Sparrows in particular were the lowest since 2004. And finally, record numbers of Red-winged Blackbirds and Common Grackles were captured. Details for individual species can be found in Table 1 below.

As with last spring, a surprising number of birds showing breeding evidence (brood patches in females and cloacal protuberances in males) were captured this spring. This included 6 Ruby-throated Hummingbirds (females), 7 Downy Woodpeckers (5 females, 2 males), 1 Northern Flicker (male), 1 Great Crested Flycatcher (female), 2 Warbling Vireos (male and female), 1 Blue Jay (female), 5 Tree Swallows (4 males, 1 female), 1 Northern Rough-winged Swallow (male), 2 Barn Swallows (males), 5 Black-capped Chickadees (4 females, 1 male), 2 Carolina Wrens (male and female), 6 House Wrens (males), 33 American Robins (17 males, 16 females), 7 Gray Catbirds (5 males, 2 females), 2 European Starlings (females), 46 Yellow Warblers (38 males, 8 females), 13 Common Yellowthroats (12 males, 1 female), 22 Song Sparrows (16 males, 6 females), 6 Swamp Sparrows (males), 3 Northern Cardinals (females), 34 Red-winged Blackbirds (11 males, 23 females), 11 Common Grackles (5 males, 6 females), 7 Baltimore Orioles (5 males, 2 females), and 1 House Finch (male). In particular, the number of American Robins, Yellow Warblers, Song Sparrows, and Red-winged Blackbirds apparently using the banding area as part (or all) of their breeding territory is amazing. Details can be found in Table 2 below. It is clear that this patch of woodland and marsh is very important to breeding birds as well as migrants.

RECAPTURES

The number of recaptures this spring was the highest yet. Birds banded at Metro Beach are very infrequently encountered any significant distance away from the park, so any reports of these “foreign” re-encounters is very special indeed. There are two such encounters to report. A Common Grackle banded on 13 May 2007 as an ASY-M was found (dead) in Beaver Dam, Kentucky (416 miles SSW of Metro Beach) on 27 January 2008. An ASY-M Baltimore Oriole captured at Metro Beach on 21 May 2008 was originally banded as a SY-M by the Long Point Bird Observatory, Ontario, Canada (125 miles E of Metro Beach) on 17 May 2007.

Probably not as far away, a female Brown-headed Cowbird (2281-10619) banded on 20 April was reported to the Banding Lab from at an as yet unknown location (probably near the park) sometime before 30 April. Details of this encounter will be provided in the fall report.

Six birds of five species originally banded in 2004 were recaptured in Spring 2008. Twenty-five birds of 13 species originally banded in 2005 were recaptured in Spring 2008, including the first ever recaptured Alder Flycatcher. Fourteen birds of seven species originally banded in 2006 were recaptured in Spring 2008. Sixty-one birds of 16 species originally banded in 2007 were recaptured in Spring 2008, including the first ever returning Ruby-throated Hummingbird and unusually large numbers of Yellow Warblers. Details of these can be found in Tables 4-7.

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 are shorter, and fewer weight gains are noted. Table 8 below provides details of weight gains and losses detected during Spring 2008. It should be noted that weight gains of female Yellow Warblers, Song Sparrows, Swamp Sparrows, and Red-winged Blackbirds which breed in the area, is probably associated with egg formation in those females, not fat deposition.

It is clear that this small, and rather isolated patch of habitat at Metro Beach Metropark continues to be an important stopover and refueling (feeding) site for migrating birds, and an important area for breeding birds as well.

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

ACKNOWLEDGMENTS

I would like to thank the park superintendent, Jim Pershing, 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.

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I would like to extend a special thanks to those organizations and individuals who provided financial assistance this season, allowing me to replace worn out nets, and to Ellie Cox for getting me started in all this.

Table 2. Birds banded at Metro Beach Metropark in Spring 2008, compared with the 1990-1999 average and the 2004-2007 average (No. per 100 net hours in parentheses). **Black text** indicates unusual species or high numbers. **Red text** indicates significant declines, or significant missing species from the tally.

Species	1990-1999 Average	2004-2007 Average	2008 Totals	Returns
Virginia Rail	0.3 (0.03)	0	0	
Killdeer	0.1 (0.01)	0	0	
Solitary Sandpiper	0.1 (0.01)	0	0	
Wilson's Snipe	0.1 (0.01)	0	0	
American Woodcock	0	0.5 (0.05)	0	
Mourning Dove	0.2 (0.02)	0	0	
Black-billed Cuckoo	0.2 (0.02)	0	0	
Whip-poor-will	0.2 (0.02)	0	0	
Ruby-throated Hummingbird	0	4.0 (0.42)	13 (0.99)	1
Red-bellied Woodpecker	0	0.3 (0.03)	0	
Yellow-bellied Sapsucker	0.1 (0.01)	0	0	
Downy Woodpecker	3.6 (0.42)	3.8 (0.39)	7 (0.53)	5
Hairy Woodpecker	0.2 (0.02)	0.5 (0.05)	0	
Northern Flicker	0.8 (0.09)	1.5 (0.16)	1 (0.08)	1
Olive-sided Flycatcher	0.2 (0.02)	0	0	
Eastern Wood-Pewee	1.4 (0.16)	0.5 (0.05)	0	
Yellow-bellied Flycatcher	14.1 (1.63)	2.3 (0.24)	2 (0.15)	
Acadian Flycatcher	0.3 (0.03)	0.3 (0.03)	0	
Alder Flycatcher	0.2 (0.02)	1.0 (0.10)	3 (0.23)	1
Willow Flycatcher	0.1 (0.01)	1.8 (0.18)	3 (0.23)	
"Traill's" Flycatcher	6.4 (0.67)	4.5 (0.47)	7 (0.53)	
Least Flycatcher	8.0 (0.93)	3.0 (0.31)	2 (0.15)	
Eastern Phoebe	0.2 (0.02)	3.0 (0.31)	3 (0.23)	
Great Crested Flycatcher	0.7 (0.08)	0.3 (0.03)	1 (0.08)	
Eastern Kingbird	0.1 (0.01)	0	0	
White-eyed Vireo	0.7 (0.08)	1.5 (0.16)	0	
Blue-headed Vireo	0.6 (0.07)	0	0	
Warbling Vireo	5.8 (0.67)	3.0 (0.31)	4 (0.30)	1
Philadelphia Vireo	0.4 (0.05)	0.3 (0.03)	0	
Red-eyed Vireo	2.0 (0.23)	0	0	
Blue Jay	20.2 (2.34)	4.3 (0.45)	10 (0.76)	
Tree Swallow	0.2 (0.02)	1.0 (0.10)	10 (0.76)	
Northern Rough-winged Swallow	0.6 (0.07)	6.0 (0.63)	5 (0.38)	
Barn Swallow	0	0.5 (0.05)	3 (0.23)	
Black-capped Chickadee	3.2 (0.37)	8.8 (0.92)	9 (0.68)	7
Tufted Titmouse	0.2 (0.02)	0.5 (0.05)	0	
Brown Creeper	1.5 (0.17)	11.8 (1.23)	7 (0.53)	
Carolina Wren	0.1 (0.01)	1.8 (0.18)	4 (0.30)	
House Wren	6.7 (0.78)	6.8 (0.71)	8 (0.61)	4
Winter Wren	2.9 (0.34)	3.5 (0.37)	0	
Sedge Wren	0.1 (0.01)	0	0	

Table 2. Continued.

Species	1990-1999 Average	2004-2007 Average	2008 Totals	Returns
Golden-crowned Kinglet	1.5 (0.17)	14.5 (1.52)	4 (0.30)	
Ruby-crowned Kinglet	25.0 (2.89)	17.5 (1.83)	5 (0.38)	
Blue-gray Gnatcatcher	1.8 (0.21)	1.3 (0.13)	0	
Veery	6.0 (0.69)	6.3 (0.66)	8 (0.61)	
Gray-cheeked Thrush	2.1 (0.24)	2.0 (0.21)	0	
Swainson's Thrush	15.3 (1.77)	7.0 (0.73)	8 (0.61)	
Hermit Thrush	12.7 (1.47)	14.8 (1.55)	9 (0.68)	
Wood Thrush	1.5 (0.17)	1.5 (0.16)	0	
American Robin	17.8 (2.06)	26.8 (2.80)	41 (3.12)	7
Gray Catbird	15.6 (1.81)	21.0 (2.20)	16 (1.22)	3
Brown Thrasher	1.3 (0.15)	1.0 (0.10)	1 (0.08)	
European Starling	2.7 (0.31)	0.8 (0.08)	4 (0.30)	
Cedar Waxwing	0.4 (0.05)	0.8 (0.08)	0	
Blue-winged Warbler	0.3 (0.03)	1.5 (0.16)	0	
Golden-winged Warbler	0.2 (0.02)	0.5 (0.05)	0	
"Brewster's" Warbler	0.1 (0.01)	0.3 (0.03)	0	
Tennessee Warbler	4.0 (0.46)	0.5 (0.05)	0	
Orange-crowned Warbler	0.6 (0.07)	2.0 (0.21)	1 (0.08)	
Nashville Warbler	3.7 (0.43)	6.3 (0.66)	6 (0.46)	
Northern Parula	0.2 (0.02)	0.3 (0.03)	0	
Yellow Warbler	26.4 (3.06)	27.0 (2.83)	57 (4.33)	21
Chestnut-sided Warbler	6.9 (0.80)	4.3 (0.45)	3 (0.23)	
Magnolia Warbler	26.4 (3.06)	20.0 (2.10)	15 (1.14)	
Cape May Warbler	0.7 (0.08)	0	0	
Black-throated Blue Warbler	3.4 (0.39)	1.8 (0.18)	3 (0.23)	
Yellow-rumped Warbler	15.5 (1.79)	7.0 (0.73)	7 (0.53)	
Black-throated Green Warbler	1.1 (0.13)	3.0 (0.31)	3 (0.23)	
Blackburnian Warbler	0.8 (0.09)	0.8 (0.08)	3 (0.23)	
Prairie Warbler	0	0.3 (0.03)	0	
(Western) Palm Warbler	1.5 (0.17)	2.0 (0.21)	3 (0.23)	
(Yellow) Palm Warbler	0.1 (0.01)	0.3 (0.03)	0	
Bay-breasted Warbler	1.0 (0.12)	0	0	
Blackpoll Warbler	0.5 (0.06)	0	0	
Black-and-white Warbler	3.9 (0.45)	5.5 (0.58)	4 (0.30)	
Hybrid Warbler (BAWWxGWWA?)	0	0.3 (0.03)	0	
American Redstart	16.0 (1.85)	5.3 (0.55)	4 (0.30)	
Worm-eating Warbler	0	0	1 (0.08)	
Prothonotary Warbler	0.1 (0.01)	0	0	
Ovenbird	7.4 (0.86)	8.8 (0.92)	9 (0.68)	
Northern Waterthrush	7.1 (0.82)	12.0 (1.26)	5 (0.38)	
Louisiana Waterthrush	0	0.3 (0.03)	0	
Connecticut Warbler	0.2 (0.02)	0	0	
Mourning Warbler	5.5 (0.64)	4.3 (0.45)	4 (0.30)	
Common Yellowthroat	29.4 (3.40)	23.3 (2.44)	27 (2.05)	6

Table 2. Continued.

Species	1990-1999 Average	2004-2007 Average	2008 Totals	Returns
Wilson's Warbler	13.5 (1.56)	11.0 (1.15)	9 (0.68)	
Canada Warbler	6.9 (0.80)	6.5 (0.68)	1 (0.08)	
Hooded Warbler	0.1 (0.01)	0.5 (0.05)	0	
Yellow-breasted Chat	0.5 (0.06)	0	0	
Scarlet Tanager	0.2 (0.02)	0.3 (0.03)	0	
Northern Cardinal	5.3 (0.61)	7.8 (0.81)	10 (0.76)	5
Rose-breasted Grosbeak	1.9 (0.20)	0.5 (0.05)	1 (0.08)	
Indigo Bunting	0.6 (0.07)	1.5 (0.16)	0	
Eastern Towhee	0.2 (0.02)	0.3 (0.03)	0	
American Tree Sparrow	0.3 (0.03)	1.8 (0.18)	2 (0.15)	
Field Sparrow	0.2 (0.02)	0.3 (0.03)	0	
Savannah Sparrow	0.1 (0.01)	0.3 (0.03)	0	
Fox Sparrow	0.1 (0.01)	4.0 (0.42)	1 (0.08)	
Song Sparrow	11.8 (1.37)	21.3 (2.23)	18 (1.37)	19
Lincoln's Sparrow	13.3 (1.54)	10.0 (1.05)	12 (0.91)	
Swamp Sparrow	54.0 (6.25)	43.8 (4.59)	42 (3.19)	
White-throated Sparrow	36.4 (4.21)	84.5 (8.86)	37 (2.81)	
White-crowned Sparrow	1.9 (0.22)	5.8 (0.60)	2 (0.15)	
Dark-eyed Junco	0.1 (0.01)	1.5 (0.16)	0	
Red-winged Blackbird	31.1 (3.60)	43.8 (4.59)	93 (7.07)	7
Rusty Blackbird	0.6 (0.07)	0.8 (0.08)	0	
Common Grackle	7.8 (0.90)	13.0 (1.36)	24 (1.82)	2
Brown-headed Cowbird	5.9 (0.68)	7.0 (0.73)	8 (0.61)	2
Baltimore Oriole	4.9 (0.57)	9.0 (0.94)	8 (0.61)	4
House Finch	1.6 (0.19)	1.0 (0.10)	1 (0.08)	
American Goldfinch	24.7 (2.86)	27.8 (2.91)	35 (2.66)	9
House Sparrow	0.5 (0.06)	0	0	

Table 3. Breeding Evidence of Birds captured at Metro Beach Metropark in Spring 2008.
(BP=Brood Patch, CP=Cloacal Protuberance, 1=min., 3=max.)

Species	Age/Sex	Band No.	Date Banded	Date(s) Recaptured	Breeding Evidence Observed
Ruby-throated Hummingbird	AHY-F	E9000-42994	21-Aug-07	19-May-08 21-May-08	- BP=2, egg
Ruby-throated Hummingbird	AHY-F	E9000-92336	19-May-08	-	BP=2
Ruby-throated Hummingbird	AHY-F	E9000-92342	30-May-08	-	BP=2, egg
Ruby-throated Hummingbird	AHY-F	E9000-92343	30-May-08	-	BP=2
Ruby-throated Hummingbird	AHY-F	E9000-92344	05-Jun-08	-	BP=2
Ruby-throated Hummingbird	AHY-F	E9000-92345	05-Jun-08	-	BP=2
Downy Woodpecker	ATY-F	2251-02702	09-Oct-05	20-Apr-08 12-May-08	BP=2 BP=3
Downy Woodpecker	SY-F	2281-10621	20-Apr-08	-	BP=1
Downy Woodpecker	ASY-M	2281-10624	20-Apr-08	-	BP=1
Downy Woodpecker	ASY-F	2281-10625	20-Apr-08	30-Apr-08 09-May-08 12-May-08 31-May-08	BP=2 BP=3 BP=3 BP=3
Downy Woodpecker	SY-F	2281-10613	20-Apr-08	12-May-08	BP=3
Downy Woodpecker	ASY-M	2281-10627	24-Apr-08	21-May-08	BP=3
Downy Woodpecker	ASY-F	2281-10694	19-May-08	21-May-08	BP=3
Northern Flicker	ASY-M	1603-19612	21-Apr-08	19-May-08	BP=3
Great Crested Flycatcher	AHY-F	1991-96136	05-Jun-08	-	BP=2
Warbling Vireo	AHY-M	2360-85956	21-May-08	-	CP=3
Warbling Vireo	AHY-F	2360-85971	21-May-08	-	BP=2
Blue Jay	SY-F	1232-01281	30-May-08	-	BP=2, egg
Tree Swallow	AHY-M	2311-71592	09-May-08	-	CP=2
Tree Swallow	AHY-M	2311-71640	09-May-08	-	CP=3
Tree Swallow	AHY-F	2311-71643	09-May-08	21-May-08	BP=3
Tree Swallow	AHY-M	2311-71644	12-May-08	-	CP=3
Tree Swallow	AHY-M	2311-71695	05-Jun-08	-	CP=3
N. Rough-winged Swallow	AHY-M	2360-85870	09-May-08	-	CP=3
Barn Swallow	AHY-M	2360-85942	19-May-08	-	CP=2
Barn Swallow	AHY-M	2360-85967	21-May-08	-	CP=3
Black-capped Chickadee	AHY-F	2360-85139	21-Aug-05	05-Jun-08	BP=3
Black-capped Chickadee	AHY-M	2360-85187	05-Oct-05	12-May-08	CP=2
Black-capped Chickadee	AHY-F	2360-85413	25-Aug-06	05-May-08	BP=3, egg
Black-capped Chickadee	AHY-F	2360-85770	09-Sep-07	30-Apr-08 31-May-08	BP=3, egg BP=3
Black-capped Chickadee	AHY-F	2500-25604	05-Jun-08	-	BP=3
Carolina Wren	AHY-M	2281-10603	06-Apr-08	12-May-08	CP=3
Carolina Wren	AHY-F	2281-10615	18-Apr-08	-	BP=3, egg
House Wren	AHY-M	2360-85714	16-Aug-07	30-May-08	CP=3
House Wren	AHY-M	2360-85728	18-Aug-07	05-Jun-08	CP=3
House Wren	AHY-M	2360-85849	30-Apr-08	09-May-08 19-May-08 30-May-08	CP=3 CP=3 CP=3

Table 3. Continued.

Species	Age/Sex	Band No.	Date Banded	Date(s) Recaptured	Breeding Evidence Observed
House Wren	AHY-M	2360-85872	09-May-08	-	CP=3
House Wren	AHY-M	2360-85943	19-May-08	-	CP=3
House Wren	AHY-M	2360-85978	30-May-08	-	CP=3
American Robin	AHY-M	0842-29086	18-Apr-04	06-Apr-08 20-Apr-08 24-Apr-08	CP=1 CP=3 CP=3
American Robin	AHY-F	1192-24697	15-May-05	31-May-08	BP=3
American Robin	AHY-M	1222-19014	30-May-05	06-Apr-08 21-May-08	CP=2 CP=3
American Robin	AHY-M	1222-19019	07-Aug-05	21-May-08	CP=3
American Robin	AHY-M	1222-43013	05-May-07	12-May-08	CP=3
American Robin	AHY-M	1222-43016	05-May-07	30-May-08	CP=3
American Robin	AHY-M	1222-43023	11-May-07	19-May-08	CP=3
American Robin	AHY-M	1222-87054	05-Apr-08	16-Apr-08	CP=2
American Robin	AHY-F	1222-87072	18-Apr-08	19-May-08	BP=3
American Robin	AHY-F	1222-87097	20-Apr-08	-	BP=1
American Robin	AHY-M	1222-87099	20-Apr-08	-	CP=3
American Robin	AHY-M	1232-01219	30-Apr-08	19-May-08	CP=3
American Robin	SY-M	1232-01225	05-May-08	19-May-08	CP=3
American Robin	AHY-F	1232-01246	09-May-08	-	BP=3
American Robin	AHY-F	1232-01247	09-May-08	-	BP=3
American Robin	AHY-M	1232-01248	09-May-08	-	CP=3
American Robin	AHY-M	1232-01249	09-May-08	-	CP=3
American Robin	AHY-F	1232-01254	12-May-08	19-May-08	BP=3
American Robin	AHY-M	1232-01257	12-May-08	30-May-08 05-Jun-08	CP=3 CP=3
American Robin	AHY-M	1232-01270	19-May-08	-	CP=3
American Robin	AHY-F	1232-01271	19-May-08	-	BP=3
American Robin	AHY-F	1232-01272	19-May-08	-	BP=3
American Robin	AHY-F	1232-01275	21-May-08	-	BP=3
American Robin	AHY-F	1232-01277	30-May-08	-	BP=3
American Robin	AHY-M	1232-01278	30-May-08	-	CP=3
American Robin	AHY-F	1232-01287	30-May-08	-	BP=3
American Robin	AHY-F	1232-01288	30-May-08	-	BP=3
American Robin	AHY-F	1232-01289	30-May-08	-	BP=3
American Robin	AHY-F	1232-01295	31-May-08	-	BP=3
American Robin	AHY-F	1232-01298	05-Jun-08	-	BP=3
American Robin	AHY-M	1232-43401	05-Jun-08	-	CP=3
American Robin	AHY-M	1232-43406	05-Jun-08	-	CP=3
American Robin	AHY-M	1232-43407	05-Jun-08	-	CP=3
Gray Catbird	AHY-M	1631-01395	08-May-04	09-May-08	CP=2
Gray Catbird	ASY-M	8101-31411	05-Jun-08	14-May-05	CP=3
Gray Catbird	SY-M	1991-65276	12-May-08	-	CP=3
Gray Catbird	SY-M	1991-65279	12-May-08	-	CP=2
Gray Catbird	SY-M	1991-96108	21-May-08	-	CP=3

Table 3. Continued.

Species	Age/Sex	Band No.	Date Banded	Date(s) Recaptured	Breeding Evidence Observed
Gray Catbird	SY-F	1991-96119	30-May-08	-	BP=3
Gray Catbird	SY-F	1991-96126	31-May-08	-	BP=2
European Starling	AHY-F	1232-01280	30-May-08	-	BP=3
European Starling	AHY-F	1232-01290	30-May-08	-	BP=3
Yellow Warbler	ASY-M	2190-67486	07-May-05	09-May-08	CP=3
Yellow Warbler	ASY-M	2360-85089	04-Jun-05	12-May-08	CP=3
Yellow Warbler	ASY-M	2360-85280	14-May-06	09-May-08 21-May-08 30-May-08	CP=3 CP=3 CP=3
Yellow Warbler	ASY-M	2360-85285	14-May-06	09-May-08	CP=2
Yellow Warbler	ASY-F	2360-85296	15-May-06	05-Jun-08	BP=3
Yellow Warbler	ASY-M	2360-85543	03-May-07	05-May-08 09-May-08 21-May-08 30-May-08	CP=3 CP=3 CP=3 CP=3
Yellow Warbler	ASY-M	2360-85574	11-May-07	05-May-08 21-May-08	- CP=3
Yellow Warbler	ASY-M	2360-85572	11-May-07	12-May-08 05-Jun-08	CP=3 CP=3
Yellow Warbler	AHY-F	2360-85597	12-May-07	12-May-08 19-May-08 21-May-08 30-May-08	- - - BP=3
Yellow Warbler	ASY-M	2360-85621	13-May-07	24-Apr-08 05-May-08 09-May-08 21-May-08 30-May-08	- CP=3 CP=3 CP=3 CP=3
Yellow Warbler	ASY-M	2360-85609	13-May-07	12-May-08 30-May-08 05-Jun-08	CP=3 CP=3 CP=3
Yellow Warbler	ASY-F	2360-85622	14-May-07	19-May-08 21-May-08	- BP=2
Yellow Warbler	ASY-M	2360-85649	27-May-07	12-May-08 19-May-08	CP=3 CP=3
Yellow Warbler	ASY-M	2360-85669	31-May-07	19-May-08	CP=3
Yellow Warbler	ASY-M	2360-85670	31-May-07	21-May-08	CP=3
Yellow Warbler	ASY-M	2360-85679	02-Jun-07	05-May-08 09-May-08 12-May-08 19-May-08 05-Jun-08	- CP=2 CP=3 - CP=3
Yellow Warbler	SY-M	2360-85702	29-Jul-07	09-May-08 31-May-08	CP=2 CP=3

Table 3. Continued.

Species	Age/Sex	Band No.	Date Banded	Date(s) Recaptured	Breeding Evidence Observed
Yellow Warbler	SY-F	2360-85855	05-May-08	09-May-08 19-May-08 30-May-08	- - BP=3, egg
Yellow Warbler	ASY-M	2360-85861	05-May-08	19-May-08	CP=3
Yellow Warbler	SY-M	2360-85871	09-May-08	-	CP=3
Yellow Warbler	SY-M	2360-85874	09-May-08	-	CP=3
Yellow Warbler	SY-M	2360-85875	09-May-08	12-May-08 19-May-08 31-May-08 05-Jun-08	CP=3 - CP=3 CP=3
Yellow Warbler	SY-M	2360-85876	09-May-08	-	CP=2
Yellow Warbler	SY-M	2360-85884	12-May-08	-	CP=3
Yellow Warbler	SY-M	2360-85885	12-May-08	30-May-08	CP=3
Yellow Warbler	SY-M	2360-85889	12-May-08	21-May-08 30-May-08	CP=3 CP=3
Yellow Warbler	SY-M	2360-85896	12-May-08	-	CP=2
Yellow Warbler	ASY-M	2360-85907	12-May-08	-	CP=3
Yellow Warbler	SY-M	2360-85934	19-May-08	-	CP=2
Yellow Warbler	SY-M	2360-85935	19-May-08	-	CP=3
Yellow Warbler	SY-M	2360-85936	19-May-08	-	CP=3
Yellow Warbler	SY-F	2360-85939	19-May-08	30-May-08 05-May-08	BP=3, egg BP=3
Yellow Warbler	SY-M	2360-85953	21-May-08	-	CP=2
Yellow Warbler	SY-M	2360-85958	21-May-08	31-May-08	CP=3
Yellow Warbler	ASY-M	2360-85962	21-May-08	-	CP=3
Yellow Warbler	SY-M	2360-85963	21-May-08	05-Jun-08	CP=3
Yellow Warbler	SY-M	2360-85968	21-May-08	-	CP=3
Yellow Warbler	ASY-M	2360-85975	21-May-08	-	CP=3
Yellow Warbler	ASY-M	2360-85979	30-May-08	-	CP=3
Yellow Warbler	SY-M	2360-85982	30-May-08	-	CP=3
Yellow Warbler	SY-M	2360-85984	30-May-08	-	CP=3
Yellow Warbler	SY-M	2360-85989	31-May-08	-	CP=3
Yellow Warbler	SY-F	2360-85999	05-Jun-08	-	BP=3
Yellow Warbler	SY-F	2500-25601	05-Jun-08	-	BP=3
Yellow Warbler	ASY-M	2500-25605	05-Jun-08	-	CP=3
Yellow Warbler	SY-F	2500-25606	05-Jun-08	-	BP=3
Common Yellowthroat	AHY-M	2360-85008	14-May-05	12-May-08	CP=3
Common Yellowthroat	AHY-M	2360-85299	15-May-06	12-May-08	CP=3
Common Yellowthroat	AHY-M	2360-85620	13-May-07	09-May-08 12-May-08 19-May-08	CP=3 - CP=3
Common Yellowthroat	AHY-M	2360-85722	18-Aug-07	19-May-08	CP=2
Common Yellowthroat	AHY-M	2360-85880	09-May-08	12-May-08 21-May-08	CP=3 CP=3
Common Yellowthroat	AHY-M	2360-85883	12-May-08	-	CP=2

Table 3. Continued.

Species	Age/Sex	Band No.	Date Banded	Date(s) Recaptured	Breeding Evidence Observed
Common Yellowthroat	SY-F	2360-85909	12-May-08	30-May-08	BP=3, egg
Common Yellowthroat	AHY-M	2360-85924	19-May-08	-	CP=2
Common Yellowthroat	SY-M	2360-85927	19-May-08	-	CP=3
Common Yellowthroat	SY-M	2360-85930	19-May-08	-	CP=2
Common Yellowthroat	AHY-M	2360-85944	19-May-08	21-May-08	CP=3
Common Yellowthroat	SY-M	2360-85983	30-May-08	31-May-08	CP=3
Common Yellowthroat	AHY-M	2360-85986	30-May-08	31-May-08	CP=3
Song Sparrow	ASY-F	1961-11714	14-Aug-05	19-May-08	BP=3
Song Sparrow	AHY-F	1961-11725	21-Aug-05	06-Apr-08 30-Apr-08 05-Jun-08	- - BP=3
Song Sparrow	ASY-F	2251-02852	16-Apr-06	20-Apr-08 19-May-08	- BP=3
Song Sparrow	ASY-M	2251-03170	16-Aug-06	30-Apr-08	CP=3
Song Sparrow	ASY-M	2251-44310	01-Sep-06	05-Jun-08	CP=3
Song Sparrow	ASY-M	2251-44405	29-Sep-06	16-Apr-08 09-May-08 05-Jun-08	- CP=3 CP=3
Song Sparrow	ASY-M	2281-10015	31-Mar-07	30-Apr-08 31-May-08	CP=3 CP=3
Song Sparrow	AHY-M	2281-10016	31-Mar-07	09-May-08	CP=3
Song Sparrow	AHY-M	2281-10213	16-Aug-07	18-Apr-08 20-Apr-08 31-May-08	- - CP=3
Song Sparrow	AHY-M	2281-10220	18-Aug-07	05-Apr-08 16-Apr-08 18-Apr-08 30-Apr-08 09-May-08 31-May-08 05-Jun-08	- CP=2 - CP=3 CP=3 CP=3 CP=3
Song Sparrow	ASY-M	2281-10323	24-Sep-07	06-Apr-08 20-Apr-08 24-Apr-08 05-May-08	- - - CP=3
Song Sparrow	AHY-M	2281-10495	07-Oct-07	31-May-08	CP=3
Song Sparrow	AHY-M	2281-10518	10-Oct-07	30-Apr-08	CP=3
Song Sparrow	ASY-F	2281-10602	06-Apr-08	19-May-08	BP=3
Song Sparrow	AHY-M	2281-10604	06-Apr-08	21-May-08	CP=3
Song Sparrow	AHY-M	2281-10608	16-Apr-08	-	CP=2
Song Sparrow	ASY-M	2281-10614	18-Apr-08	31-May-08	CP=2
Song Sparrow	ASY-M	2281-10646	05-May-08	05-Jun-08	CP=3
Song Sparrow	ASY-M	2281-10693	19-May-08	-	CP=3
Song Sparrow	ASY-F	2281-10707	30-May-08	31-May-08	BP=3
Song Sparrow	ASY-M	2281-10708	30-May-08	-	CP=3

Table 3. Continued.

Species	Age/Sex	Band No.	Date Banded	Date(s) Recaptured	Breeding Evidence Observed
Song Sparrow	AHY-F	2281-10711	05-Jun-08	-	BP=3
Swamp Sparrow	ASY-M	2311-71600	18-Apr-08	12-May-08 19-May-08	CP=3 CP=3
Swamp Sparrow	SY-M	2311-71605	18-Apr-08	-	CP=2
Swamp Sparrow	SY-M	2311-71619	24-Apr-08	19-May-08	CP=3
Swamp Sparrow	SY-M	2311-71623	30-Apr-08	05-Jun-08	CP=3
Swamp Sparrow	AHY-M	2311-71666	19-May-08	-	CP=2
Swamp Sparrow	AHY-M	2311-71668	19-May-08	-	CP=3
Northern Cardinal	AHY-F	1222-43024	13-Aug-05	24-Apr-08	BP=1
Northern Cardinal	AHY-F	1222-87025	10-Oct-07	30-Apr-08 05-Jun-08	- BP=3
Northern Cardinal	AHY-F	1232-01273	19-May-08	-	BP=3, egg
Red-winged Blackbird	ASY-F	1631-01387	04-May-04	12-May-08	BP=3
Red-winged Blackbird	ASY-F	8101-31455	04-Jun-04	12-May-08	BP=3
Red-winged Blackbird	ASY-F	1991-00901	23-May-06	09-May-08	BP=3
Red-winged Blackbird	ASY-F	1991-65125	28-Apr-07	05-Jun-08	BP=3
Red-winged Blackbird	ASY-M	1222-43044	24-May-07	30-Apr-08 12-May-08	CP=2 -
Red-winged Blackbird	SY-M	1232-01204	20-Apr-08	12-May-08	CP=2
Red-winged Blackbird	SY-M	1232-01218	30-Apr-08	-	CP=3
Red-winged Blackbird	ASY-M	1232-01222	30-Apr-08	-	CP=3
Red-winged Blackbird	SY-M	1232-01223	05-May-08	-	CP=2
Red-winged Blackbird	ASY-M	1232-01250	09-May-08	-	CP=3
Red-winged Blackbird	ASY-F	1991-65274	12-May-08	-	BP=3
Red-winged Blackbird	SY-F	1991-65277	12-May-08	-	BP=3
Red-winged Blackbird	ASY-F	1991-96101	19-May-08	-	BP=3
Red-winged Blackbird	ASY-F	1991-96105	19-May-08	-	BP=3
Red-winged Blackbird	ASY-F	1991-96111	21-May-08	-	BP=3
Red-winged Blackbird	ASY-M	1232-01276	21-May-08	-	CP=3
Red-winged Blackbird	ASY-F	1991-96117	30-May-08	-	BP=3
Red-winged Blackbird	ASY-F	1991-96118	30-May-08	-	BP=3
Red-winged Blackbird	SY-F	1991-96120	30-May-08	-	BP=3
Red-winged Blackbird	SY-M	1232-01283	30-May-08	-	CP=3
Red-winged Blackbird	SY-F	1991-96123	31-May-08	-	BP=3
Red-winged Blackbird	SY-F	1991-96127	31-May-08	-	BP=3, egg
Red-winged Blackbird	SY-M	1232-01292	31-May-08	-	CP=3
Red-winged Blackbird	SY-M	1232-01294	31-May-08	-	CP=2
Red-winged Blackbird	SY-F	1991-96128	05-Jun-08	-	BP=3
Red-winged Blackbird	SY-F	1991-96129	05-Jun-08	-	BP=3, egg
Red-winged Blackbird	SY-F	1991-96130	05-Jun-08	-	BP=3, egg
Red-winged Blackbird	SY-F	1991-96131	05-Jun-08	-	BP=3
Red-winged Blackbird	ASY-F	1991-96132	05-Jun-08	-	BP=3
Red-winged Blackbird	ASY-F	1991-96133	05-Jun-08	-	BP=3
Red-winged Blackbird	ASY-F	1991-96134	05-Jun-08	-	BP=3
Red-winged Blackbird	ASY-F	1991-96135	05-Jun-08	-	BP=3

Table 3. Continued.

Species	Age/Sex	Band No.	Date Banded	Date(s) Recaptured	Breeding Evidence Observed
Red-winged Blackbird	SY-M	1232-01300	05-Jun-08	-	CP=3
Common Grackle	SY-F	1603-19660	09-May-08	-	BP=3
Common Grackle	SY-F	1603-19668	19-May-08	-	BP=3
Common Grackle	SY-M	1603-19669	19-May-08	-	CP=2
Common Grackle	SY-M	1603-19671	19-May-08	-	CP=3
Common Grackle	SY-M	1603-19672	21-May-08	-	CP=3
Common Grackle	SY-F	1603-19673	21-May-08	-	BP=3
Common Grackle	SY-F	1603-19675	30-May-08	-	BP=3
Common Grackle	SY-M	1603-19676	30-May-08	-	CP=2
Common Grackle	SY-F	1603-19677	30-May-08	-	BP=3
Common Grackle	SY-F	1603-19678	30-May-08	-	BP=3
Common Grackle	SY-M	1603-19679	05-Jun-08	-	CP=3
Baltimore Oriole	ASY-M	1991-65150	11-May-07	19-May-08	CP=3
Baltimore Oriole	ASY-M	1991-65161	12-May-07	30-May-08	CP=3
Baltimore Oriole	ASY-M	1991-65172	13-May-07	12-May-08 19-May-08	- CP=3
Baltimore Oriole	ASY-M	1991-96102	19-May-08	-	CP=3
Baltimore Oriole	ASY-F	1991-96112	21-May-08	-	BP=2
Baltimore Oriole	SY-M	1991-96122	31-May-08	-	CP=2
Baltimore Oriole	ASY-F	1991-96135	05-Jun-08	-	BP=3
House Finch	SY-M	2281-10628	24-Apr-08	-	CP=2

Table 4. Returning birds banded in 2004.

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	Loc
American Robin	0842-29086	18-Apr-04	ASY-U	06-Apr-08	A6Y-M	U
				20-Apr-08		U
				24-Apr-08		U
Gray Catbird	1631-01395	08-May-04	ASY-U	09-May-08	A6Y-M	U
Gray Catbird	8101-34792	12-May-04	SY-U	12-May-08	A6Y-M	W
Northern Cardinal	1631-01373	10-Apr-04	AHY-M	06-Apr-08	A5Y-M	U
Red-winged Blackbird	1631-01387	04-May-04	ASY-F	12-May-08	A6Y-F	U
Baltimore Oriole	8101-34780	08-May-04	SY-M	05-May-08	6Y-M	FE

Table 5. Returning birds banded in 2005.

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	Loc
Downy Woodpecker	2251-02702	09-Oct-05	ASY-F	20-Apr-08 12-May-08	A5Y-F	U U
Alder Flycatcher	2360-85048	25-May-05	AHY-M	05-Jun-08	A4Y-M	F
Black-capped Chickadee	2360-85139	21-Aug-05	HY-U	06-Apr-08 05-Jun-08	4Y-U	U SW
Black-capped Chickadee	2360-85131	21-Aug-05	HY-U	24-Apr-08	4Y-U	F
Black-capped Chickadee	2360-85187	05-Oct-05	HY-U	12-May-08	4Y-M	U
House Wren	2360-85134	21-Aug-05	AHY-F	24-Apr-08 09-May-08	A4Y-F	U U
American Robin	1192-24697	15-May-05	AHY-F	31-May-08	A4Y-F	U
American Robin	1222-19014	30-May-05	AHY-M	06-Apr-08 21-May-08	A4Y-M	U U
American Robin	1222-19019	07-Aug-05	HY-U	21-May-08	4Y-M	W
Gray Catbird	8101-31411	14-May-05	AHY-M	05-Jun-08	A4Y-M	SW
Yellow Warbler	2190-67486	07-May-05	ASY-M	09-May-08	A5Y-M	SW
Yellow Warbler	2190-67499	14-May-05	SY-F	09-May-08 19-May-08	5Y-F	U U
Yellow Warbler	2360-85089	04-Jun-05	SY-M	12-May-08	5Y-M	U
Common Yellowthroat	2360-85008	14-May-05	ASY-M	12-May-08	A5Y-M	FE
Common Yellowthroat	2360-85028	15-May-05	AHY-M	12-May-08 19-May-08	A4Y-M	FE F
Song Sparrow	1961-11682	25-May-05	AHY-M	06-Apr-08	A4Y-M	F
Song Sparrow	1961-11683	25-May-05	AHY-M	12-Apr-08 30-May-08	A4Y-M	U U
Song Sparrow	1961-11713	14-Aug-05	AHY-F	06-Apr-08	A4Y-F	F
Song Sparrow	1961-11714	14-Aug-05	HY-U	19-May-08	4Y-F	FE
Song Sparrow	1961-11725	21-Aug-05	HY-U	06-Apr-08 30-Apr-08 05-Jun-08	4Y-F	U U U
Northern Cardinal	1222-43024	13-Aug-05	AHY-F	24-Apr-08	A4Y-F	SW
Red-winged Blackbird	8101-31455	04-Jun-05	ASY-F	12-May-08	A5Y-F	W
Common Grackle	1433-72788	25-May-05	SY-M	12-May-08	5Y-M	SW
American Goldfinch	1671-11422	17-Apr-05	SY-M	05-May-08 21-May-08	5Y-M	F F
American Goldfinch	1671-11428	07-May-05	SY-F	06-Apr-08	5Y-F	F

Table 6. Returning birds banded in 2006.

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	Loc
Warbling Vireo	2360-85287	14-May-06	AHY-U	12-May-08	A3Y-U	W
Black-capped Chickadee	2360-85413	25-Aug-06	HY-U	05-May-08	3Y-F	SW
Black-capped Chickadee	2360-85503	26-Sep-06	HY-U	16-Apr-08	3Y-U	U
Yellow Warbler	2360-85280	14-May-06	SY-M	09-May-08 21-May-08 30-May-08	4Y-M	W W W
Yellow Warbler	2360-85285	14-May-06	SY-M	09-May-08	4Y-M	SW
Yellow Warbler	2360-85290	14-May-06	SY-M	12-May-08	4Y-M	F
Yellow Warbler	2360-85296	15-May-06	SY-F	05-Jun-08	4Y-F	SW
Common Yellowthroat	2360-85299	15-May-06	ASY-M	12-May-08 (x2)	A4Y-M	F/W
Song Sparrow	2251-02852	16-Apr-06	AHY-U	20-Apr-08 19-May-08	A3Y-F	W W
Song Sparrow	2251-03170	16-Aug-06	AHY-U	30-Apr-08	A3Y-M	FE
Song Sparrow	2251-44310	01-Sep-06	HY-U	05-Jun-08	3Y-M	SW
Song Sparrow	2251-44405	29-Sep-06	AHY-U	16-Apr-08 09-May-08 05-Jun-08	A3Y-M	F FE F
Red-winged Blackbird	1991-00901	23-May-06	ASY-F	09-May-08	A4Y-F	SW
American Goldfinch	1921-32147	02-May-06	ASY-M	21-May-08	A4Y-M	F

Table 7. Returning birds banded in 2007.

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	Loc
Ruby-throated Hummingbird	E9000-42994	21-Aug-07	AHY-F	19-May-08 21-May-08	A2Y-F	FE
Downy Woodpecker	2281-10364	27-Apr-07	SY-F	06-Apr-08	3Y-F	SW
Downy Woodpecker	2281-10206	29-Jul-07	HY-F	18-Apr-08	2Y-F	SW
Downy Woodpecker	2281-10218	18-Aug-07	HY-M	20-Apr-08	2Y-F	SW
Downy Woodpecker	2281-10409	04-Oct-07	HY-F	20-Apr-08	2Y-F	W
Northern Flicker	1603-19612	21-Apr-07	SY-M	19-May-08	3Y-M	U
Black-capped Chickadee	2360-85685	29-Jul-07	HY-U	05-Apr-08 12-Apr-08	2Y-U	W SW
Black-capped Chickadee	2360-85770	09-Sep-07	HY-U	05-Apr-08 06-Apr-08 30-Apr-08 31-May-08	2Y-F	SW F SW SW
White-breasted Nuthatch	2281-10506	10-Oct-07	HY-M	09-May-08	2Y-M	U
House Wren	2360-85714	16-Aug-07	HY-U	30-May-08	2Y-M	SW
House Wren	2360-85728	18-Aug-07	AHY-U	05-Jun-08	A2Y-M	F
House Wren	2360-85760	07-Sep-07	HY-U	05-May-08	2Y-U	U
American Robin	1222-43013	05-May-07	SY-M	12-May-08	3Y-M	U
American Robin	1222-43016	05-May-07	SY-M	30-May-08	3Y-M	W
American Robin	1222-43023	11-May-07	AHY-M	19-May-08	A2Y-M	SW
Yellow Warbler	2360-85543	03-May-07	SY-M	05-May-08 09-May-08 21-May-08 30-May-08	3Y-M	F F FE F
Yellow Warbler	2360-85574	11-May-07	SY-M	05-May-08 21-May-08	3Y-M	FE F
Yellow Warbler	2360-85578	11-May-07	SY-F	09-May-08 12-May-08	3Y-F	W W
Yellow Warbler	2360-85572	11-May-07	SY-M	12-May-08 05-Jun-08	3Y-M	W U
Yellow Warbler	2360-85590	12-May-07	SY-M	05-May-08	3Y-M	W
Yellow Warbler	2360-85597	12-May-07	SY-F	12-May-08 19-May-08 21-May-08 30-May-08	3Y-F	F F F F
Yellow Warbler	2360-85621	13-May-07	SY-M	24-Apr-08 (x3) 05-May-08 09-May-08 21-May-08 30-May-08	3Y-M	F/U/SW U U U FE

Table 7 continued.

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	Loc
Yellow Warbler	2360-85609	13-May-07	SY-M	12-May-08 30-May-08 05-Jun-08	3Y-M	W F U
Yellow Warbler	2360-85622	14-May-07	ASY-F	19-May-08 21-May-08	A3Y-F	W W
Yellow Warbler	2360-85649	27-May-07	ASY-M	12-May-08 19-May-08	A3Y-M	U U
Yellow Warbler	2360-85699	31-May-07	SY-M	19-May-08	3Y-M	SW
Yellow Warbler	2360-85670	31-May-07	ASY-M	21-May-08	A3Y-M	U
Yellow Warbler	2360-85679	02-Jun-07	SY-M	05-May-08 09-May-08 12-May-08 19-May-08 05-Jun-08	3Y-M	U U U U U
Yellow Warbler	2360-85702	29-Jul-07	HY-U	09-May-08 31-May-08	2Y-M	F F
Common Yellowthroat	2360-85620	13-May-07	SY-M	09-May-08 12-May-08 19-May-08	3Y-M	F W FE
Common Yellowthroat	2360-85722	18-Aug-07	HY-M	19-May-08	2Y-M	FE
Common Yellowthroat	2360-85743	31-Aug-07	AHY-M	19-May-08	A2Y-M	W
Song Sparrow	2281-10015	31-Mar-07	SY-M	30-Apr-08 31-May-08	A2Y-M	F F
Song Sparrow	2281-10016	31-Mar-07	SY-U	09-May-08	3Y-M	W
Song Sparrow	2281-10213	16-Aug-07	HY-U	18-Apr-08 20-Apr-08 31-May-08	2Y-M	FE SW W
Song Sparrow	2281-10220	18-Aug-07	HY-U	05-Apr-08 16-Apr-08 18-Apr-08 30-Apr-08 09-May-08 31-May-08 05-Jun-08	2Y-M	W W W W W W W
Song Sparrow	2281-10224	21-Aug-07	HY-U	06-Apr-08 16-Apr-08	2Y-U	F FE
Song Sparrow	2281-10248	01-Sep-07	HY-U	06-Apr-08	2Y-U	U
Song Sparrow	2281-10298	21-Sep-07	AHY-U	05-May-08	A2Y-M	U
Song Sparrow	2281-10323	24-Sep-07	AHY-U	06-Apr-08 20-Apr-08 24-Apr-08 05-May-08	A2Y-M	SW SW SW SW
Song Sparrow	2281-10495	07-Oct-07	HY-U	31-May-08	2Y-M	FE
Song Sparrow	2281-10518	10-Oct-07	HY-U	30-Apr-08	2Y-M	U

Table 7 continued.

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	Loc
Northern Cardinal	1991-65236	16-Aug-07	AHY-F	18-Apr-08	A2Y-F	SW
Northern Cardinal	1222-87012	16-Sep-07	HY-M	31-May-08	2Y-M	U
Northern Cardinal	1222-87025	10-Oct-07	AHY-F	30-Apr-08 05-Jun-08	A2Y-F	U U
Red-winged Blackbird	1222-42991	21-Apr-07	SY-M	20-Apr-08	3Y-M	SW
Red-winged Blackbird	1991-65125	28-Apr-07	ASY-F	05-Jun-08	A3Y-F	U
Red-winged Blackbird	1222-43044	24-May-07	SY-M	30-Apr-08 12-May-08	3Y-M	SW SW
Red-winged Blackbird	1222-43081	29-Jul-07	HY-M	30-May-08	2Y-M	F
Common Grackle	1603-19637	02-Jun-07	ASY-M	12-May-08	A3Y-M	SW
Brown-headed Cowbird	2281-10046	21-Apr-07	ASY-F	20-Apr-08 (x2) 21-May-08	A3Y-F	FE/F U
Brown-headed Cowbird	2281-10094	28-Apr-07	SY-F	20-Apr-08 24-Apr-08	3Y-F	F F
Baltimore Oriole	1991-65150	11-May-07	ASY-M	19-May-08	A3Y-M	SW
Baltimore Oriole	1991-65161	12-May-07	ASY-M	30-May-08	A3Y-M	W
Baltimore Oriole	1991-65172	13-May-07	ASY-M	12-May-08 19-May-08	A3Y-M	FE FE
American Goldfinch	1601-24753	14-Apr-07	ASY-M	16-Apr-08 (x2)	A3Y-M	F/F
American Goldfinch	1601-24780	20-Apr-07	SY-F	05-May-08	3Y-F	U
American Goldfinch	1601-24772	20-Apr-07	SY-M	12-May-08	3Y-M	SW
American Goldfinch	1601-24798	21-Apr-07	SY-M	05-Apr-08	3Y-M	F
American Goldfinch	2311-28808	11-May-07	ASY-M	20-Apr-08	A3Y-M	F
American Goldfinch	2311-28877	16-Aug-07	SY-M	05-Apr-08 05-May-08	3Y-M	F U

Table 8. Same season recaptures of migrants (with weight gain or loss noted). (Bold = Neotropical Migrant). 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 (%)
Eastern Phoebe	2360-85844	AHY-U	12-Apr-08	16-Apr-08	4	16.4	17.1	+0.7	+4.3%
Tree Swallow	2311-71592	AHY-M	18-Apr-08	09-May-08	21	22.0	22.9	+0.9	+4.1%
Tree Swallow	2311-71643	AHY-F	09-May-08	21-May-08	12	20.5	18.9	-1.6	-7.8%
House Wren	2360-85849	AHY-M	30-Apr-08	09-May-08 19-May-08 30-May-08	9 19 30	11.7	11.4 11.1 11.6	-0.1	-0.8%
House Wren	2360-85877	AHY-U	09-May-08	12-May-08 19-May-08	3 10	10.5	11.0 10.3	-0.2	-1.9%
Golden-crowned Kinglet	2380-22386	AHY-M	12-Apr-08	16-Apr-08	4	4.7	4.3	-0.4	-8.5%
Veery	2281-10662	AHY-U	09-May-08	12-May-08	3	31.0	30.6	-0.4	-1.3%
Swainson's Thrush	2281-10656	AHY-U	09-May-08	12-May-08	3	27.4	27.0	-0.4	-1.4%
American Robin	1222-87058	AHY-U	06-Apr-08	16-Apr-08	10	64.5	64.9	+0.4	+0.6%
American Robin	1222-87054	AHY-M	05-Apr-08	16-Apr-08	11	71.2	67.3	-3.9	-5.5%
American Robin	1222-87072	AHY-F	18-Apr-08	19-May-08	31	82.6	70.0	-12.6	-15.2%
American Robin	1232-01219	AHY-M	30-Apr-08	19-May-08	19	72.1	76.1	+4.0	+5.5%
American Robin	1232-01225	ASY-M	05-May-08	19-May-08	14	69.8	74.4	+4.6	+6.6%
American Robin	1232-01254	AHY-F	12-May-08	19-May-08	7	81.5	77.7	-3.8	-4.7%
American Robin	1232-01257	AHY-M	12-May-08	30-May-08 05-Jun-08	18 24	67.9	73.6 72.8	+4.9	+7.2%
American Robin	1232-01291	HY-U	30-May-08	05-Jun-08	6	74.0	57.7	-16.3	-22.0%
Yellow Warbler	2360-85855	SY-F	05-May-08	09-May-08 19-May-08 30-May-08	4 14 25	9.5	9.1 10.4 10.8	+1.3	+13.7%
Yellow Warbler	2360-85861	ASY-M	05-May-08	19-May-08	14	9.2	8.8	-0.4	-4.3%
Yellow Warbler	2360-85875	SY-M	09-May-08	12-May-08 19-May-08 31-May-08 05-Jun-08	3 10 22 27	8.4	7.8 8.4 9.6 9.1	+0.7	+8.3%
Yellow Warbler	2360-85888	SY-F	12-May-08	19-May-08	7	8.9	9.4	+0.5	+5.6%
Yellow Warbler	2360-85889	SY-M	12-May-08	21-May-08 30-May-08	9 18	9.4	9.5 8.7	-0.7	-7.4%
Yellow Warbler	2360-85885	SY-M	12-May-8	30-May-08	18	8.3	9.6	+1.3	+15.7%
Yellow Warbler	2360-85938	SY-F	19-May-08	21-May-08	2	9.0	10.1	+1.1	+12.2%
Yellow Warbler	2360-85939	SY-F	19-May-08	30-May-08 05-Jun-08	11 17	9.0	10.2 10.3	+1.3	+14.4%
Yellow Warbler	2360-85958	SY-M	21-May-08	31-May-08	10	7.4	9.3	+1.9	+25.7%
Yellow Warbler	2360-85963	SY-M	21-May-08	05-Jun-08	15	7.5	9.4	+1.9	+25.3%
Worm-eating Warbler	2360-85851	SY-F	30-Apr-08	05-May-08 12-May-08	5 12	10.5	13.0 12.8	+2.3	+21.9%
Northern Waterthrush	2311-71652	AHY-U	12-May-08	19-May-08	7	21.1	21.4	+0.3	+1.4%
Common Yellowthroat	2360-85880	AHY-M	09-May-08	12-May-08 21-May-08	3 12	10.8	10.1 10.1	-0.7	-6.5%
Common Yellowthroat	2360-95909	SY-F	12-May-08	30-May-08	18	9.7	10.3	+0.6	+6.2%
Common Yellowthroat	2360-85944	AHY-M	19-May-08	21-May-08	2	9.1	10.4	+1.3	+14.3%
Common Yellowthroat	2360-85927	SY-M	19-May-08	21-May-08	2	10.6	10.5	-0.1	-0.9%
Common Yellowthroat	2360-85986	AHY-M	30-May-08	31-May-08	1	10.1	10.8	+0.7	+6.9%
Common Yellowthroat	2360-85983	SY-M	30-May-08	31-May-08	1	11.1	9.8	-1.3	-11.7%
Song Sparrow	2281-10598	ASY-U	06-Apr-08	16-Apr-08	10	20.7	21.6	+0.9	+4.3%
Song Sparrow	2281-10602	ASY-F	06-Apr-08	19-May-08	43	16.7	19.6	+2.9	+17.4%
Song Sparrow	2281-10604	AHY-M	06-Apr-08	21-May-08	45	19.8	18.8	-1.0	-5.0%

Table 8. Continued.

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	2281-10612	SY-U	18-Apr-08	20-Apr-08	2	20.8	19.6	-1.2	-5.8%
Song Sparrow	2281-10614	AHY-M	18-Apr-08	31-May-08	43	18.8	20.9	+2.1	+11.2%
Song Sparrow	2281-10646	ASY-M	05-May-08	05-Jun-08	31	19.1	19.2	+0.1	+0.5%
Song Sparrow	2281-10707	AHY-M	30-May-08	31-May-08	1	20.5	20.2	-0.3	-1.5%
Swamp Sparrow	2311-71601	SY-U	18-Apr-08	20-Apr-08	2	15.3	16.7	+1.4	+9.2%
Swamp Sparrow	2311-71600	ASY-M	18-Apr-08	12-May-08 19-May-08	24 31	16.4	16.9 16.8	+0.4	+2.4%
Swamp Sparrow	2311-71619	SY-M	24-Apr-08	19-May-08	25	16.3	17.4	+1.1	+6.7%
Swamp Sparrow	2311-71623	SY-M	30-Apr-08	05-Jun-08	36	16.9	17.2	+0.3	+1.8%
Swamp Sparrow	2311-71641	AHY-U	09-May-08	12-May-08	3	16.1	15.8	-0.3	-1.9%
Swamp Sparrow	2311-71666	AHY-M	19-May-08	21-May-08	2	13.7	15.1	+1.4	+10.2%
Red-winged Blackbird	1991-65255	ASY-F	16-Apr-08	09-May-08	23	40.8	40.3	-0.5	-1.2%
Red-winged Blackbird	1222-87094	SY-M	20-Apr-08	24-Apr-08	4	66.7	64.8	-1.9	-2.8%
Red-winged Blackbird	1232-01204	SY-M	20-Apr-08	12-May-08	22	65.8	61.2	-4.6	-7.0%
Red-winged Blackbird	1232-01203	ASY-M	20-Apr-08	12-May-08	22	71.1	66.3	-4.8	-6.8%
Red-winged Blackbird	1222-87080	SY-M	20-Apr-08	30-May-08	40	67.0	63.0	-4.0	-6.0%
Brown-headed Cowbird	2281-10655	AHY-F	09-May-08	12-May-08	3	41.5	40.2	-1.3	-3.1%
American Goldfinch	2311-71583	SY-F	16-Apr-08	18-Apr-08 12-May-08	2 26	12.8	11.1 12.7	-0.1	-0.8%
American Goldfinch	2311-71608	SY-F	18-Apr-08	24-Apr-08	6	11.6	11.8	+0.2	+1.7%
American Goldfinch	2311-71624	ASY-F	05-May-08	21-May-08	16	12.5	12.7	+0.2	+1.6%
Total birds with weight gains								30	-
Total birds with weight loss								26	-
Average weight gain								+8.9%	
Average weight loss								-4.9%	

SPRING 2008 - PHOTO HIGHLIGHTS



This second-year female Worm-eating Warbler was a first for the station. *Photo by Allen T. Chartier.*



The Worm-eating Warbler was aged by fault bars in the tail and was sexed by wing length. *Photo by Allen T. Chartier.*



Second-year male Blackburnian Warbler. *Photo by Allen T. Chartier.*



Second-year female Blackburnian Warbler. *Photo by Allen T. Chartier.*

SPRING 2008 - PHOTO HIGHLIGHTS



This after second-year female Black-throated Blue Warbler had more green on the crown than normal. *Photo by Allen T. Chartier.*



A record number of Red-winged Blackbirds was banded this spring, but this after second-year male was in the minority as most were second-year males, and females. *Photo by Mangesh Bhide.*



Hermit Thrushes were captured in very low numbers this spring, suggestive of an early departure of early spring migrants. *Photo by Mangesh Bhide.*