

Fall 2007 Banding Summary

Metro Beach Metropark

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Permit No. 23156

HABITAT AND WEATHER

The fall of 2007 was the third fall season of a renewed banding study, eventually to be compared in detail with the previous study by Cox conducted (in fall) from 1989-1999. Water levels had receded significantly since this past spring, as was the situation last year. However, the summer was much drier than last year – near drought – yet the vegetation was still tall and lush, especially out in the field. Jewelweed (*Impatiens capensis*) was tall at the beginning of August but the dry summer had not produced many blooms. The increased rain in late August changed this for the better and the Jewelweed bloom was nearly as good as it was in 2006. Early August was extremely hot and humid, so much so that banding could not be safely conducted. The rain deficit from the summer vanished with a few days of heavy rain in late August which spurred much growth and blooming in the banding area, though the result was that one banding day was rained out. September and October were both warmer than normal, and warmer than last year, with little rain but much wind.

FALL 2007 BANDING RESULTS

Banding was conducted on 19 days between 29 July and 31 October with nets open a total of 120.00 hours (1336.9 net hours). This was less than in 2006 (79% of the days, 69% of the number of hours, and 83% of the number of net hours). All effort was greater than in 2005, however. But four major gaps in coverage occurred this fall; 15 days between 1-15 August due to excessive heat and humidity, 9 days between 25 September – 3 October, 8 days between 11-18 October, and 10 days between 20-29 October, all due to a shortage of volunteers. The August gap may have reduced the number of flycatchers and certain warblers captured, while the other gaps may have reduced captures of species such as Winter Wrens, both kinglets, Brown Creepers, Fox Sparrows, all the thrushes, Blue-headed Vireos, and some later migrating warblers.

A total of 959 new birds of 60 species were banded, plus 116 recaptures and 36 released unbanded, for a total of 1111 captures and an overall capture rate of 83.1 birds per 100 net hours. The overall capture rate was the lowest of the last three fall seasons (93.4 in 2005, 103.9 in 2006), though the total number of new birds banded was only 64% of 2006 but 10% higher than in 2005. Some of the negative differences may be due to the coverage gaps noted above, while some of the positive differences may be due to the differing net configuration this fall. Three nets were set in a “U” shape out in the field for the entire season and on many days these were the most productive nets, especially for sparrows, Nashville, Tennessee, Orange-crowned, and Wilson’s Warblers, and American Goldfinches.

Sparrow numbers were good this fall, but most other species groups were notably low. Once again, flycatchers and vireos were almost non-existent. Thrush and warbler numbers were well below last year’s numbers, with thrushes at the lowest level in the past three fall seasons. Kinglets were in extremely low numbers. Hummingbird numbers again broke last year’s record, most likely due to the good bloom of Jewelweed. The Chipping Sparrow on 5 October was the first ever banded at the station. Barn Swallow, European Starling, and Hooded Warbler were all firsts for the fall season, and the warbler was one of the latest ever in the state (the first I’ve ever seen in Michigan in October). This fall the proportion of adult to young White-throated Sparrows was significantly different from previous data. Typically, about 5% are adults, but this year it was about 40%. This could be an indication of a poor

nesting season, or may signal some unknown shift in migration patterns. Future banding seasons will help show if this is an anomaly or a true shift. Red-breasted Nuthatches were captured this fall for the first time in many years, as was the single Connecticut Warbler (also a personal first).

With the station opening in late July for the first time ever, naturally some species were captured earlier than ever before, mainly locally breeding species, but one migrant being an unusually early Northern Waterthrush. The most significant effect of this early opening was the capture of increased numbers of Yellow Warblers, Red-winged Blackbirds, and Baltimore Orioles. An Orange-crowned Warbler on 21 September was a little earlier than normal.

The 13 Black-throated Blue Warblers on 9 September was a record number for one day. As noted above, sparrows were captured in good numbers with fall record days for Song (17 on 16 September), Swamp (14 on 10 October), White-throated (59 on 4 October), and White-crowned (12 on 7 October). The field nets also contributed significantly to the one-day record of 19 American Goldfinches on 31 August.

Unusually late was an Eastern Wood-Pewee on 7 October which was, oddly, the only individual of this species captured this fall. The late Veery on 24 September was browner than expected with a wing measurement at the small extreme. It was thoroughly checked to be sure it wasn't something more unusual like a western subspecies of Veery, dull-tailed Hermit, or even a Bicknell's Thrush which would have been a first state record. The bird's wing formula and measurements keyed out to Veery, and was apparently just at the small, brownish end of the scale.

Details for individual species can be found in Tables 1 and 2 below. A few birds showing breeding evidence (brood patches in females and cloacal protuberances in males) were captured this fall. Details of these can be found in Table 3 below.

RECAPTURES

One bird banded by Ellie Cox in 2001 was recaptured: Northern Cardinal, AHY-F, 1631-01355, Banded 05-May-01 as AHY-F, Recaptured 09-Sep-07 as A7Y-F [2318 days]. A Northern Cardinal banded on 10-Apr-04 as AHY-M was recaptured on 16-Aug-07 as A4Y-M [1223 days]. A female Black-throated Blue Warbler banded on 4 October, and recaptured on 10 October (having gained 9.2% in weight), was found dead in a residential driveway about a half-mile NW of the banding area on 14 October 2007. Seven birds of four species originally banded in 2005 were recaptured in Fall 2007. Details can be found in Table 4. Only eight birds of five species originally banded in 2006 were recaptured in Fall 2007. Details can be found in Table 5. Eight birds of four species originally banded in Spring 2007 were recaptured in Fall 2007, all probably locally breeding individuals, and are listed in Table 6.

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 use the area. In general, migration is more protracted in fall, so stopover durations are sometimes longer. The greatest weight gains included 36.9% in 31 days by a HY-U Song Sparrow, 24.5% in 6 days by an AHY-U White-throated Sparrow, and 21.5% in 15 days by a HY-U White-throated Sparrow. The greatest weight losses included 20.6% in 15 days by a HY-U Black-capped Chickadee and 20.5% in 12 days by a HY-F White-throated Sparrow. Nearly twice as many birds gained weight than lost weight, but the average percentages were nearly the same. Table 7 below provides details of weight gains and losses detected during Fall 2006.

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

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 Leslie Sutton and Julie Champion. Congratulations to Leslie on her retirement at the end of 2007. Banding this spring simply could not have been done without the able assistance of the following volunteers:

Joy Barron, Mangesh Bhide, Russ Brown, Terri Chapdelaine, Joanna Cohen, Chris Goulart, Dave Lancaster, Mark O'Keefe, Bonita Olesen, Steve Olesen, Renee Render, Ken Willard, and Sue Wright.

I would like to extend a special thanks to those generous individuals who provided financial assistance this season, allowing me to replace destroyed nets, and repair a damaged net: Russ Brown and Dave Lancaster.

Table 1. Birds banded at Metro Beach Metropark in Fall 2007, compared with 2006, and the 1990-1999 average. (Bold = first ever banded here, *Bold Italic* = first ever banded here in fall, ¹ = all time record, ² = tied all time record, ³ = record for fall).

Species	1990-1999 avg.	Fall 2006	#/100 NH (2006)	Fall 2007	#/100 NH (2007)
Sharp-shinned Hawk	0.2 (0.02)	-	-	-	-
Broad-winged Hawk	-	1	0.06	-	-
Virginia Rail	0.1 (0.01)	-	-	-	-
Mourning Dove	0.1 (0.01)	-	-	-	-
Black-billed Cuckoo	0.5 (0.04)	-	-	-	-
Yellow-billed Cuckoo	0.1 (0.01)	-	-	-	-
Ruby-throated Hummingbird	-	87	5.38	94¹	7.03
Yellow-bellied Sapsucker	0.5 (0.04)	-	-	-	-
Downy Woodpecker	4.5 (0.38)	6	0.37	6	0.45
Hairy Woodpecker	0.2 (0.02)	-	-	-	-
Northern Flicker	0.7 (0.06)	1	0.06	-	-
Eastern Wood-Pewee	1.5 (0.13)	8¹	0.49	1	0.07
Yellow-bellied Flycatcher	6.9 (0.59)	5	0.31	-	-
Acadian Flycatcher	0.5 (0.05)	-	-	-	-
“Traill’s” Flycatcher	1.1 (0.09)	3	0.19	1	0.07
Alder Flycatcher	-	-	-	-	-
Willow Flycatcher	-	-	-	-	-
Least Flycatcher	2.6 (0.22)	2	0.12	3	0.22
Eastern Phoebe	0.9 (0.08)	4	0.25	-	-
Great Crested Flycatcher	1.2 (0.10)	-	-	-	-
Blue-headed Vireo	2.5 (0.22)	9¹	0.56	2	0.15
Warbling Vireo	3.0 (0.26)	2	0.12	2	0.15
Philadelphia Vireo	4.0 (0.34)	-	-	-	-
Red-eyed Vireo	10.2 (0.87)	10	0.62	1	0.07
Blue Jay	4.5 (0.39)	10	0.62	4	0.30
<i>Barn Swallow</i>	-	-	-	1	0.07
Black-capped Chickadee	11.4 (0.97)	12	0.74	10	0.75
Tufted Titmouse	0.6 (0.05)	-	-	-	-
Red-breasted Nuthatch	0.4 (0.03)	-	-	4¹	0.30
White-breasted Nuthatch	0.2 (0.02)	1	0.06	2²	0.15
Brown Creeper	5.4 (0.46)	20¹	1.24	11	0.82
Carolina Wren	0.8 (0.07)	4	0.25	-	-
House Wren	3.9 (0.33)	12	0.74	10	0.75
Winter Wren	6.2 (0.53)	12	0.74	9	0.67
Marsh Wren	9.5 (0.81)	1	0.06	3	0.22
Golden-crowned Kinglet	38.6 (3.29)	132¹	8.16	15	1.12
Ruby-crowned Kinglet	35.6 (3.03)	106¹	6.55	22	1.65
Blue-gray Gnatcatcher	0.1 (0.01)	-	-	-	-

Table 1. Cont'd.

Species	1990-1999 avg.	Fall 2006	#/100 NH (2006)	Fall 2007	#/100 NH (2007)
Veery	3.9 (0.33)	6	0.37	3	0.22
Gray-checked Thrush	11.2 (0.95)	16	0.99	10	0.75
Swainson's Thrush	43.9 (3.74)	52	3.21	26	1.94
Hermit Thrush	25.7 (2.19)	90	5.56	23	1.72
Wood Thrush	1.4 (0.12)	1	0.06	-	-
American Robin	2.9 (0.25)	18	1.11	29	2.17
Gray Catbird	21.6 (1.84)	19	1.17	16	1.20
Brown Thrasher	0.1 (0.01)	-	-	-	-
<i>European Starling</i>	-	-	-	5	0.37
Cedar Waxwing	7.4 (0.63)	-	-	3	0.22
Blue-winged Warbler	-	1	0.06	-	-
Golden-winged Warbler	0.4 (0.03)	-	-	-	-
Tennessee Warbler	4.7 (0.40)	17 ³	1.05	13	0.97
Orange-crowned Warbler	1.0 (0.09)	12 ¹	0.74	6	0.45
Nashville Warbler	8.5 (0.73)	91 ¹	5.62	20	1.50
Northern Parula	0.5 (0.05)	-	-	1	0.07
Yellow Warbler	2.4 (0.20)	1	0.06	30 ³	2.24
Chestnut-sided Warbler	8.3 (0.70)	30 ¹	1.85	2	0.15
Magnolia Warbler	78.0 (6.64)	96	5.93	11	0.82
Cape May Warbler	0.8 (0.07)	-	-	-	-
Black-throated Blue Warbler	15.5 (1.32)	41 ¹	2.53	31	2.32
Yellow-rumped Warbler	11.1 (0.94)	2	0.12	6	0.45
Black-throated Green Warbler	1.2 (0.10)	2	0.12	-	-
Blackburnian Warbler	1.0 (0.09)	3	0.19	-	-
(Western) Palm Warbler	0.5 (0.05)	-	-	1	0.07
Bay-breasted Warbler	6.1 (0.52)	26 ¹	1.61	-	-
Blackpoll Warbler	11.7 (1.00)	7	0.43	-	-
Black-and-white Warbler	9.5 (0.81)	15	0.93	3	0.22
American Redstart	41.6 (3.54)	12	0.74	6	0.45
Prothonotary Warbler	0.1 (0.01)	-	-	-	-
Ovenbird	7.9 (0.67)	30 ¹	1.85	9	0.67
Northern Waterthrush	9.4 (0.80)	11	0.68	6	0.45
Connecticut Warbler	0.5 (0.05)	-	-	1	0.07
Mourning Warbler	2.7 (0.23)	9	0.56	4	0.30
Common Yellowthroat	16.9 (1.44)	38	2.35	50 ³	3.74
Wilson's Warbler	13.7 (1.17)	23	1.42	18	1.35
Canada Warbler	5.5 (0.46)	11	0.68	5	0.37
<i>Hooded Warbler</i>	-	-	-	1	0.07
Yellow-breasted Chat	0.1 (0.01)	-	-	-	-
Scarlet Tanager	0.1 (0.01)	-	-	-	-
Northern Cardinal	6.1 (0.52)	28	1.73	20	1.50

Table 1. Cont'd.

Species	1990-1999 avg.	Fall 2006	#/100 NH (2006)	Fall 2007	#/100 NH (2007)
Rose-breasted Grosbeak	2.3 (0.19)	-	-	-	-
Indigo Bunting	0.3 (0.02)	2	0.12	-	-
Eastern Towhee	-	1	0.06	-	-
Chipping Sparrow	-	-	-	1	0.07
Field Sparrow	0.2 (0.02)	-	-	-	-
Fox Sparrow	1.7 (0.15)	8	0.49	1	0.07
Song Sparrow	46.7 (3.98)	90	5.56	100	7.48
Lincoln's Sparrow	1.5 (0.13)	1	0.06	7³	0.52
Swamp Sparrow	16.8 (1.43)	19	1.17	36	2.69
White-throated Sparrow	56.7 (4.83)	203¹	12.54	167	12.49
White-crowned Sparrow	1.8 (0.15)	7	0.43	15³	1.12
Dark-eyed Junco	1.1 (0.09)	4	0.25	-	-
Red-winged Blackbird	1.1 (0.09)	-	-	22³	1.65
Common Grackle	0.2 (0.02)	-	-	3³	0.22
Brown-headed Cowbird	0.1 (0.01)	-	-	-	-
Orchard Oriole	-	-	-	-	-
Baltimore Oriole	-	-	-	5	0.37
Purple Finch	0.1 (0.01)	-	-	-	-
House Finch	3.7 (0.32)	-	-	1	0.07
Common Redpoll	0.1 (0.01)	-	-	-	-
American Goldfinch	3.2 (0.27)	2	0.12	41³	3.07

Table 2. Birds banded at Metro Beach Metropark in Fall 2007, 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	-	-	-	-
Virginia Rail	-	-	-	-
Mourning Dove	-	-	-	-
Black-billed Cuckoo	-	-	-	-
Yellow-billed Cuckoo	-	-	-	-
Ruby-throated Hummingbird	16-Aug-07	24-Sep-07	25	09-Sep-07
Yellow-bellied Sapsucker	-	-	-	-
Downy Woodpecker	29-Jul-07	10-Oct-07	2	04-Oct-07
Hairy Woodpecker	-	-	-	-
Northern Flicker	-	-	-	-
Eastern Wood-Pewee	07-Oct-07	07-Oct-07	1	07-Oct-07
Yellow-bellied Flycatcher	-	-	-	-
Acadian Flycatcher	-	-	-	-
“Traill’s” Flycatcher	09-Sep-07	09-Sep-07	1	09-Sep-07
Alder Flycatcher	-	-	-	-
Willow Flycatcher	-	-	-	-
Least Flycatcher	31-Aug-07	09-Sep-07	1	3 dates
Eastern Phoebe	-	-	-	-
Great Crested Flycatcher	-	-	-	-
Blue-headed Vireo	21-Sep-07	07-Oct-07	1	Both
Warbling Vireo	29-Jul-07	29-Jul-07	2	29-Jul-07
Philadelphia Vireo	-	-	-	-
Red-eyed Vireo	09-Sep-07	09-Sep-07	1	09-Sep-07
Blue Jay	04-Oct-07	10-Oct-07	2	04-Oct-07
Barn Swallow	29-Jul-07	29-Jul-07	1	29-Jul-07
Black-capped Chickadee	29-Jul-07	31-Oct-07	2	2 dates
Tufted Titmouse	-	-	-	-
Red-breasted Nuthatch	01-Sep-07	07-Oct-07	2	Both dates
White-breasted Nuthatch	07-Oct-07	10-Oct-07	1	Both dates
Brown Creeper	04-Oct-07	10-Oct-07	5	07-Oct-07
Carolina Wren	-	-	-	-
House Wren	16-Aug-07	10-Aug-07	3	21-Sep-07
Winter Wren	04-Oct-07	19-Oct-07	2	4 dates
Marsh Wren	21-Aug-07	04-Oct-07	1	3 dates
Golden-crowned Kinglet	04-Oct-07	31-Oct-07	7	07-Oct-07
Ruby-crowned Kinglet	04-Oct-07	30-Oct-07	5	3 dates
Blue-gray Gnatcatcher	-	-	-	-

Table 2. Cont'd.

Species	Earliest Date	Latest Date	Peak No.	Peak Date
Veery	01-Sep-07	24-Sep-07	1	3 dates
Gray-cheeked Thrush	09-Sep-07	07-Oct-07	4	24-Sep-07
Swainson's Thrush	31-Aug-07	24-Sep-07	9	09-Sep-07
Hermit Thrush	24-Sep-07	30-Oct-07	6	05-Oct-07
Wood Thrush	-	-	-	-
American Robin	16-Aug-07	31-Oct-07	8	16-Aug-07
Gray Catbird	16-Aug-07	10-Oct-07	5	2-Sep-07
Brown Thrasher	-	-	-	-
European Starling	29-Jul-07	29-Jul-07	5	29-Jul-07
Cedar Waxwing	21-Aug-07	01-Sep-07	2	21-Aug-07
Blue-winged Warbler	-	-	-	-
Golden-winged Warbler	-	-	-	-
Tennessee Warbler	16-Aug-07	04-Oct-07	8	31-Aug-07
Orange-crowned Warbler	21-Sep-07	19-Oct-07	2	21-Sep-07 04-Oct-07
Nashville Warbler	01-Sep-07	07-Oct-07	10	21-Sep-07
Northern Parula	07-Oct-07	07-Oct-07	1	07-Oct-07
Yellow Warbler	29-Jul-07	21-Aug-07	26	29-Jul-07
Chestnut-sided Warbler	09-Sep-07	16-Sep-07	1	Both dates
Magnolia Warbler	09-Sep-07	24-Sep-07	6	21-Sep-07
Cape May Warbler	-	-	-	-
Black-throated Blue Warbler	18-Aug-07	10-Oct-07	13	09-Sep-07
Yellow-rumped Warbler	07-Oct-07	10-Oct-07	3	Both dates
Black-throated Green Warbler	-	-	-	-
Blackburnian Warbler	-	-	-	-
(Western) Palm Warbler	10-Oct-07	10-Oct-07	1	10-Oct-07
Bay-breasted Warbler	-	-	-	-
Blackpoll Warbler	-	-	-	-
Black-and-white Warbler	21-Aug-07	09-Sep-07	1	3 dates
American Redstart	31-Aug-07	04-Oct-07	3	31-Aug-07
Prothonotary Warbler	-	-	-	-
Ovenbird	31-Aug-07	16-Sep-07	3	01-Sep-07
Northern Waterthrush	29-Jul-07	01-Sep-07	3	21-Aug-07
Connecticut Warbler	01-Sep-07	01-Sep-07	1	01-Sep-07
Mourning Warbler	16-Aug-07	31-Aug-07	1	4 dates
Common Yellowthroat	29-Jul-07	05-Oct-07	8	3 dates
Wilson's Warbler	31-Aug-07	21-Sep-07	6	01-Sep-07
Canada Warbler	18-Aug-07	09-Sep-07	1	5 dates
Hooded Warbler	05-Oct-07	07-Oct-07	1	05 & 07-Oct-07
Yellow-breasted Chat	-	-	-	-

Table 2. Cont'd.

Species	Earliest Date	Latest Date	Peak No.	Peak Date
Scarlet Tanager	-	-	-	-
Northern Cardinal	16-Aug-07	30-Oct-07	3	10-Oct-07
Rose-breasted Grosbeak	-	-	-	-
Indigo Bunting	18-Aug-06	05-Oct-06	1	Both
Eastern Towhee	07-Oct-06	07-Oct-06	1	07-Oct-06
Chipping Sparrow	05-Oct-07	05-Oct-07	1	05-Oct-07
Field Sparrow	-	-	-	-
Fox Sparrow	10-Oct-07	10-Oct-07	1	10-Oct-07
Song Sparrow	29-Jul-07	30-Oct-07	17	16-Sep-07
Lincoln's Sparrow	16-Sep-07	10-Oct-07	2	05-Oct-07 07-Oct-07
Swamp Sparrow	29-Jul-07	10-Oct-07	14	10-Oct-07
White-throated Sparrow	21-Sep-07	19-Oct-07	59	04-Oct-07
White-crowned Sparrow	04-Oct-07	19-Oct-07	12	07-Oct-07
Dark-eyed Junco	-	-	-	-
Red-winged Blackbird	29-Jul-07	29-Jul-07	22	29-Jul-07
Common Grackle	29-Jul-07	29-Jul-07	3	29-Jul-07
Brown-headed Cowbird	-	-	-	-
Orchard Oriole	-	-	-	-
Baltimore Oriole	29-Jul-07	16-Aug-07	4	29-Jul-07
Purple Finch	-	-	-	-
House Finch	29-Jul-07	29-Jul-07	1	29-Jul-07
Common Redpoll	-	-	-	-
American Goldfinch	29-Jul-07	19-Oct-07	19	31-Aug-07

Table 3. Breeding Evidence of Birds captured at Metro Beach Metropark in Fall 2007.
BP=Brood Patch (1=min., 3=max., 4=diminishing), CP=Cloacal Protuberance (1=min., 3=max.).

Species	Age/Sex	Band No.	Date Banded	Dates Recaptured	Breeding Evidence Observed
American Robin	AHY-F	1222-43092	16-Aug-07	-	BP=4
Song Sparrow	AHY-F	2281-10016	(31-Mar-07)	16-Aug-07	BP=4
Song Sparrow	AHY-F	2251-08849	(05-Apr-06)	21-Aug-07	BP=4
Song Sparrow	AHY-F	2281-10029	(14-Apr-07)	31-Aug-07	BP=4
American Goldfinch	SY-F	2311-28895	31-Aug-07	-	BP=4
American Goldfinch	SY-F	2311-28897	31-Aug-07	-	BP=4
American Goldfinch	SY-F	2311-28901	31-Aug-07	-	BP=4
American Goldfinch	SY-F	2311-28906	31-Aug-07	-	BP=4
American Goldfinch	SY-F	2311-28907	31-Aug-07	-	BP=4
American Goldfinch	SY-F	2311-28912	01-Sep-07	-	BP=4
American Goldfinch	SY-F	2311-28914	01-Sep-07	-	BP=4
American Goldfinch	AHY-F	2311-28865	(31-May-07)	18-Aug-07	BP=3

Table 4. Returns from 2005.

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Current Age/Sex	No. Days
Black-capped Chickadee	2360-85139	21-Aug-05	HY-U	(13-Apr-07) (14-Apr-07) (03-May-07) (31-May-07) 04-Oct-07	3Y-F	774
Black-capped Chickadee	2360-8516	18-Sep-05	AHY-U	(11-May-07) 04-Oct-07	A3Y-U	746
Black-capped Chickadee	2360-85187	04-Oct-05	HY-U	31-Oct-07	3Y-U	757
Common Yellowthroat	2360-85028	15-May-05	AHY-M	(11-May-07) 21-Aug-07 31-Aug-07	A3Y-M	838
Song Sparrow	1961-11713	14-Aug-05	AHY-F	(14-Apr-07) 04-Oct-07	A3Y-F	781
Song Sparrow	1961-11716	15-Aug-05	HY-U	07-Oct-07	3Y-U	784
Northern Cardinal	1222-43024	13-Aug-05	AHY-F	(27-Apr-07) (28-Apr-07) (07-May-07) 18-Aug-07	A3Y-F	735

Table 5. Returns from 2006.

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	No. Days
Black-capped Chickadee	2360-85399	18-Aug-06	HY-U	(13-Apr-07) (27-Apr-07) (03-May-07) (14-May-07) (24-May-07) 07-Oct-07 19-Oct-07	AHY-U AHY-F AHY-F AHY-U AHY-U 2Y-F 2Y-F	427
Black-capped Chickadee	2360-85412	25-Aug-06	HY-U	04-Oct-07	2Y-U	405
Black-capped Chickadee	2360-85505	05-Oct-06	AHY-U	31-Oct-07	A2Y-U	391
Carolina Wren	2251-03130	22-May-06	AHY-U	(12-May-07) (31-May-07) 01-Sep-07	AHY-U AHY-F A2Y-F	467
American Robin	1222-19071	19-Apr-06	SY-M	29-Jul-07	3Y-M	466
Song Sparrow	2251-02849	05-Apr-06	AHY-U	21-Aug-07	ASY-F	503
Song Sparrow	2251-02876	25-Apr-06	AHY-U	04-Oct-07	A2Y-U	527
American Goldfinch	1921-32109	17-Apr-06	SY-F	16-Aug-07	A2Y-F	486

Table 6. Returns from Spring 2007.

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	No. Days
Yellow Warbler	2360-85574	11-May-07	SY-M	(13-May-07) (14-May-07) (24-May-07) (31-May-07) (02-Jun-07) 29-Jul-07	SY-M	79
Yellow Warbler	2360-85621	13-May-07	SY-M	29-Jul-07	SY-M	77
Common Yellowthroat	2360-85656	25-May-07	AHY-M	21-Aug-07	AHY-M	88
Common Yellowthroat	2360-85580	11-May-07	SY-M	24-Sep-07	SY-M	136
Song Sparrow	2281-10016	31-Mar-07	SY-U	(13-Apr-07) (14-Apr-07) (21-Apr-07) 16-Aug-07	SY-U SY-U SY-U SY-F	138
Song Sparrow	2281-10015	31-Mar-07	SY-U	(13-Apr-07) (14-Apr-07) (24-May-07) (31-May-07) 04-Oct-07	SY-U SY-U SY-M SY-M SY-M	187
Song Sparrow	2281-10029	14-Apr-07	ASY-U	31-Aug-07 10-Oct-07	ASY-F ASY-F	179
American Goldfinch	2311-28865	31-May-07	ASY-F	18-Aug-07	ASY-F	79

Table 7. Same Season Recaptures (with weight gain or loss noted).
(Bold Ital=Neotropical Migrant, Bold=Migrant)

Species	Band No.	Age/Sex	Date Banded	Date Recaptured	No. of days	Original Weight	Weight at Recap. (g)	Gain/Loss (g)	Gain/Loss (%)
<i>Ruby-throated Hummingbird</i>	E-43162	HY-F	09-Sep-07	16-Sep-07	7	-	3.5	-	-
Black-capped Chickadee	2360-85770	HY-U	09-Sep-07	07-Oct-07 30-Oct-07	28 51	10.0 9.4	9.4 10.0	0.0	0%
Black-capped Chickadee	2360-85685	HY-U	29-Jul-07	07-Oct-07 10-Oct-07	70 73	10.8 9.7	9.7 11.2	+0.4	+3.7%
Black-capped Chickadee	2360-85794	HY-U	04-Oct-07	19-Oct-07	15	10.2	8.1	-2.1	-20.6%
<i>House Wren</i>	2360-85761	HY-U	07-Sep-07	16-Sep-07	9	10.2	10.1	-0.1	-1.0%
<i>Winter Wren</i>	2380-22336	HY-U	07-Oct-07	10-Oct-07	3	9.3	8.9	-0.4	-4.3%
<i>Hermit Thrush</i>	2281-10363	HY-U	04-Oct-07	10-Oct-07	6	27.9	32.0	+4.1	+14.7%
<i>American Robin</i>	1222-43094	HY-U	16-Aug-07	21-Aug-07	5	-	63.8	-	-
<i>Gray Catbird</i>	1991-65244	HY-U	25-Aug-07	24-Sep-07	30	34.6	33.8	-0.8	-2.3%
<i>Black-throated Blue Warbler</i>	2380-22317	HY-F	04-Oct-07	10-Oct-07 14-Oct-07	6 10	8.7 -	9.5 dead	+0.8	+9.2%
<i>Common Yellowthroat</i>	2360-85723	HY-U	17-Aug-07	25-Aug-07 09-Sep-07	8 23	8.9 9.2	9.2 7.3	-1.6	-18.0%
<i>Common Yellowthroat</i>	2360-85726	HY-U	18-Aug-07	25-Aug-07	7	9.3	8.7	-0.6	-6.4%
<i>Common Yellowthroat</i>	2360-85717	AHY-M	18-Aug-07	31-Aug-07	13	8.7	8.7	0.0	0%
<i>Common Yellowthroat</i>	2360-85712	HY-M	16-Aug-07	31-Aug-07 09-Sep-07	15 24	- 8.4	8.4 10.0	+1.6	+19.0%
<i>Common Yellowthroat</i>	2360-85737	HY-U	21-Aug-07	31-Aug-07 09-Sep-07	10 19	9.2 11.0	11.0 10.4	+1.2	+13.0%
<i>Common Yellowthroat</i>	2360-85741	HY-U	31-Aug-07	01-Sep-07	1	8.3	8.2	-0.1	-1.2%
<i>Common Yellowthroat</i>	2360-85745	HY-M	31-Aug-07	09-Sep-07	9	9.2	7.9	-1.3	-14.1%
<i>Common Yellowthroat</i>	2360-85736	HY-U	21-Aug-07	09-Sep-07 16-Sep-07	19 26	8.4 8.2	8.2 8.6	+0.2	+2.4%
<i>Common Yellowthroat</i>	2360-85743	HY-U	31-Aug-07	09-Sep-07	9	10.4	10.6	+0.2	+1.9%
<i>Common Yellowthroat</i>	2360-85768	HY-U	09-Sep-07	16-Sep-07	7	7.6	6.8	-0.8	-10.5%
<i>Common Yellowthroat</i>	2360-85747	HY-U	31-Aug-07	24-Sep-07	24	9.4	8.3	-1.1	-11.7%
<i>Hooded Warbler</i>	2360-85797	HY-M	05-Oct-07	07-Oct-07	2	13.2	12.9	-0.3	-2.3%
<i>Song Sparrow</i>	2281-10211	HY-U	16-Aug-07	18-Aug-07	2	-	17.1	-	-
<i>Song Sparrow</i>	2281-10212	HY-U	16-Aug-07	21-Aug-07 31-Aug-07 01-Sep-07	5 15 16	- 18.3 17.9	18.3 17.9 18.6	+0.3	+1.6%
<i>Song Sparrow</i>	2281-10232	HY-U	25-Aug-07	31-Aug-07	6	19.5	20.8	+1.3	+6.7%
<i>Song Sparrow</i>	2281-10226	HY-U	21-Aug-07	31-Aug-07 01-Sep-07	10 11	19.5 17.4	17.4 20.3	+0.8	+4.1%
<i>Song Sparrow</i>	2281-10240	HY-U	31-Aug-07	01-Sep-07 21-Sep-07	1 21	17.1 16.3	16.3 15.7	-1.4	-8.2%
<i>Song Sparrow</i>	2281-10230	HY-U	25-Aug-07	01-Sep-07	7	14.8	16.1	+1.3	+8.8%
<i>Song Sparrow</i>	2281-10219	HY-U	18-Aug-07	09-Sep-07	22	17.5	19.2	+1.7	+9.7%
<i>Song Sparrow</i>	2281-10239	HY-U	31-Aug-07	09-Sep-07	9	16.1	15.5	-0.6	-3.7%
<i>Song Sparrow</i>	2281-10249	HY-U	01-Sep-07	16-Sep-07	15	16.7	17.5	+0.8	+4.8%
<i>Song Sparrow</i>	2281-10261	HY-U	09-Sep-07	16-Sep-07	7	20.1	20.1	0.0	0%
<i>Song Sparrow</i>	2281-10256	HY-U	09-Sep-07	16-Sep-07 10-Oct-07	7 31	15.7 16.9	16.9 21.5	+5.8	+36.9%
<i>Song Sparrow</i>	2281-10221	HY-U	18-Aug-07	21-Sep-07 24-Sep-07	34 37	18.1 16.2	16.2 15.5	-2.6	-14.4%

Table 7. Cont'd.

Species	Band No.	Age/Sex	Date Banded	Date Recaptured	No. of days	Original Weight	Weight at Recap. (g)	Gain/Loss (g)	Gain/Loss (%)
Song Sparrow	2281-10237	HY-U	31-Aug-07	04-Oct-07 10-Oct-07	34 40	18.9 20.0	20.0 21.4	+2.5	+13.2%
Song Sparrow	2281-10213	HY-U	16-Aug-07	05-Oct-07	50	-	22.5	-	-
Song Sparrow	2281-10279	HY-U	16-Sep-07	10-Oct-07	24	19.5	19.9	+0.4	+2.0%
Song Sparrow	2281-10283	HY-U	16-Sep-07	10-Oct-07	24	18.8	19.6	+0.8	+4.2%
Song Sparrow	2281-10423	HY-U	05-Oct-07	10-Oct-07	5	19.7	21.2	+1.5	+7.6%
Song Sparrow	2281-10220	HY-U	18-Aug-07	30-Oct-07	73	18.8	19.2	+0.4	+2.1%
White-throated Sparrow	2281-10337	HY-U	24-Sep-07	04-Oct-07	10	24.1	25.7	+1.6	+6.6%
White-throated Sparrow	2281-10333	HY-U	24-Sep-07	04-Oct-07	10	24.6	24.9	+0.3	+1.2%
White-throated Sparrow	2281-10376	HY-U	04-Oct-07	05-Oct-07	1	22.7	21.0	-1.7	-7.5%
White-throated Sparrow	2281-10430	HY-U	05-Oct-07	07-Oct-07	2	23.5	24.2	+0.7	+3.0%
White-throated Sparrow	2281-10397	AHY-U	04-Oct-07	07-Oct-07	3	25.2	26.8	+1.6	+6.3%
White-throated Sparrow	2281-10404	HY-U	04-Oct-07	07-Oct-07	3	22.1	23.8	+1.7	+7.7%
White-throated Sparrow	2281-10418	HY-U	04-Oct-07	07-Oct-07	3	25.5	25.3	-0.2	-0.8%
White-throated Sparrow	2281-10349	AHY-U	04-Oct-07	07-Oct-07	3	24.1	24.7	+0.6	+2.5%
White-throated Sparrow	2281-10373	HY-U	04-Oct-07	07-Oct-07 19-Oct-07	3 15	23.2 22.2	22.2 28.2	+5.0	+21.5%
White-throated Sparrow	2281-10408	HY-U	04-Oct-07	07-Oct-07	3	26.6	25.8	-0.8	-3.0%
White-throated Sparrow	2281-10331	AHY-F	24-Sep-07	10-Oct-07	16	21.0	25.0	+4.0	+19.0%
White-throated Sparrow	2281-10454	HY-F	07-Oct-07	10-Oct-07 19-Oct-07	3 12	27.3 21.4	21.4 21.7	-5.6	-20.5%
White-throated Sparrow	2281-10411	HY-U	04-Oct-07	10-Oct-07	6	24.1	28.7	+4.6	+19.1%
White-throated Sparrow	2281-10345	AHY-U	04-Oct-07	10-Oct-07	6	18.8	23.4	+4.6	+24.5%
White-throated Sparrow	2281-10392	HY-U	04-Oct-07	10-Oct-07	6	24.1	26.0	+1.9	+7.9%
White-throated Sparrow	2281-10494	AHY-U	07-Oct-07	10-Oct-07	3	26.0	27.1	+1.1	-4.2%
White-throated Sparrow	2281-10297	HY-U	21-Sep-07	10-Oct-07	19	24.1	25.6	+1.5	+6.2%
White-throated Sparrow	2281-10389	HY-F	04-Oct-07	10-Oct-07	6	24.1	25.0	+0.9	+3.7%
White-throated Sparrow	2281-10486	HY-F	07-Oct-07	19-Oct-07	12	24.9	21.8	-3.1	-12.4%
White-crowned Sparrow	2281-10353	HY-U	04-Oct-07	05-Oct-07	1	24.5	26.2	+1.7	+6.9%
Northern Cardinal	1991-65243	HY-F	21-Aug-07	31-Aug-07	10	38.0	36.7	-1.3	-3.4%
Northern Cardinal	1222-87010	HY-F	09-Sep-07	04-Oct-07	25	43.4	43.7	+0.3	+0.7%
Northern Cardinal	1222-87016	HY-M	24-Sep-07	04-Oct-07 05-Oct-07 19-Oct-07	10 11 25	46.0 43.7 42.7	43.7 42.7 47.3	+1.3	+2.8%
Northern Cardinal	1222-87003	HY-M	25-Aug-07	05-Oct-07	41	41.0	46.1	+5.1	+12.4%
Northern Cardinal	1222-87012	HY-M	16-Sep-07	10-Oct-07	24	40.6	41.8	+1.2	+2.9%
Northern Cardinal	1222-87034	HY-F	30-Oct-07	31-Oct-07	1	36.9	37.2	+0.3	+0.8%
Common Grackle	1603-19644	HY-U	29-Jul-07	18-Aug-07	20	-	88.3	-	-
Baltimore Oriole	1991-65239	HY-F	16-Aug-07	18-Aug-07	2	-	29.0	-	-
Total birds with weight gains								39	-
Total birds with weight loss								20	-
Average weight gain								+8.2%	
Average weight loss								-8.5%	

FALL 2007 - PHOTO HIGHLIGHTS



Hatch-year Chipping Sparrow on 05 Oct 2007 was a first ever for the station.



Hatch-year male Hooded Warbler on 05 Oct 2007, recaptured on 07 Oct, was the first ever in fall and very late.



After hatch-year female Connecticut Warbler on 01 Sep 2007 was the first since 1997.



After hatch-year male Cedar Waxwing on 21 Aug 2007 was one of three this season, and the first in fall since 1998.



Hatch-year Eastern Wood-Pewee on 07 Oct 2007 was surprisingly late for a bird in juvenal plumage.



Unusually brown hatch-year Veery on 24 Sep 2007.

FALL 2007 - PHOTO HIGHLIGHTS, Continued



After hatch-year female (blue crown) Red-breasted Nuthatch on 01 Sep 2007 was among the first of four for the season.



After hatch-year male (black crown) Red-breasted Nuthatch on 01 Sep 2007 was the first here since fall 1993.



One of many hatch-year Yellow Warblers banded on 29 Jul 2007 that were still in juvenal plumage. Note the whitish underparts and gray wash to the upperparts.



This Yellow Warbler lost half of its very white tail early in the season and re-grew it through August, when it was recaptured several times.