

Fall 2006 Banding Summary
Metro Beach Metropark
Allen Chartier
Permit No. 23156

INTRODUCTION

The fall of 2006 was the second fall season of a renewed banding study, eventually to be compared with the previous study by Cox conducted (in fall) from 1989-1999. Water levels had receded significantly since spring, as was the situation last year. However, the summer was much wetter than last year, and the vegetation was much lusher. In particular, Jewelweed was perhaps the best it has ever been, with many plants more than six feet tall, with hundreds of blooms. This is in contrast with 2005 when a dry summer resulted in plants three feet tall or less, with only a few blooms per plant.

August and September were cooler than last year, with the heat wave of last August thankfully absent. The end of September was unseasonably cool, with the temperature on the 29th ranging from 41-61. October was cooler than normal for nearly the entire month, as well as being frequently wet and windy.

FALL 2006 RESULTS

Banding was conducted on 24 days between 5 August and 30 October with nets open a total of 172.50 hours (1618.188 net hours). This is 9% more days, 16% more hours, and 52% more net hours than in 2005.

A total of 1493 new birds of 61 species were banded, plus 155 recaptures and 33 released unbanded, for a total of 1681 captures and an overall capture rate of 103.9 birds per 100 net hours.

This is 72% more new birds banded than in 2005, and 69% more total captures than in 2005. The overall capture rate (#/100 NH) was 11% higher than in 2005. Number of species banded in 2005 was 58. The peak day was 177 on two different days, 10 September and 5 October. The day with the greatest diversity was 10 September with 29 species.

There were good numbers of warblers this fall, with outstanding numbers of Nashville, Orange-crowned, Chestnut-sided, Bay-breasted, and Ovenbird. Thrushes were captured in fairly typical numbers for fall. Kinglets and Brown Creepers were through in record numbers. Sparrow numbers were high, with record numbers of White-throated Sparrows. Vireo numbers increased over last fall, but were still well below 1989-1999 levels, with the exception of Blue-headed which were in record numbers. Flycatchers were again captured in low numbers. Hummingbird numbers increased significantly over last year, with birds being captured in all nets that were near the abundant Jewelweed. Surprisingly, few were captured at the net near the feeders which were set up through most of the season, indicating that the natural food source is more attractive (or more easily recognized) to migrant hummingbirds. Some unusually early arrivals included a Ruby-crowned Kinglet on 10 September, a Winter Wren on 18 September, a Yellow-rumped Warbler on 2 September, and a Northern Waterthrush on 5 August. Late lingerers included two Ruby-throated Hummingbirds on 5 October, a Blue-headed Vireo on 24 October, a Gray Catbird on 14 October, a Blackpoll Warbler on 14 October, and a Nashville Warbler on 30 October. The Broad-winged Hawk on 16 September was a most unexpected first-ever for the station, and the Blue-winged Warbler on 25 August was the first for fall here.

One unusual aspect to this fall's banding was the capture of three leucistic (pale) birds, a House Wren, a Black-throated Blue Warbler, and a White-throated Sparrow. Normally, less than one leucistic bird per year is captured.

Details for individual species can be found in Tables 1 and 2 below. A number of birds showing breeding evidence (brood patches in females and cloacal protuberances in males) were captured this fall. Details 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 14-Oct-06 as A6Y-F, [1988 days]

Three birds of three species originally banded in 2004 were recaptured in Fall 2006. Details can be found in Table 4. Twenty birds of nine species originally banded in 2005 were recaptured in Fall 2006. These included 4 Black-capped Chickadees, 2 American Robins, 5 Song Sparrows, and 2 Northern Cardinals. Details can be found in Table 5. Five birds of four species originally banded in Spring 2006 were recaptured in Fall 2006, all locally breeding species, 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 tend to use an area. In general, migration is more protracted in fall, so stopover durations are sometimes longer.

Some interesting observations were made this fall. A surprisingly low number of kinglets was recaptured this fall, indicating that these diurnal migrants were not using the banding area to stop over this year. Most recaptured thrushes gained weight during stopovers ranging from 2-19 days. Weight change among recaptured warblers was mixed, with somewhat more than half gaining weight, and White-throated Sparrows presented a mixed picture as well. The greatest weight gains in migrants included 34% in 10 days by a Black-throated Blue Warbler, 23.2% in 7 days by a White-throated Sparrow, 22.2% in 7 days by a Golden-crowned Kinglet, 21.7% in 8 days by a Magnolia Warbler, and 21.0% in 5 days by a White-throated Sparrow. Also, one Hermit Thrush gained an impressive 7.8% (2.3 grams) in only 4 days. Some equally significant weight losses were recorded, which may represent birds that will not complete their migration. 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 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.

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

John Bieganowski, Russ Brown, Terri Chapdelaine, Neil Gilbert, Dave Lancaster, Ed Lewandowski, Mark O'Keefe, Dave Pavlik, Rob Poniatowski, Renee Render, Eli Thomas, Ken Willard, and Sue Wright.

I would like to extend a special thanks to those organizations who provided financial assistance this season, allowing me to replace worn out nets, including Oakland Audubon Society, Macomb Audubon Society, and the Erie Shores Birding Club, as well as generous individuals, Neil Gilbert and Renee Render.

Table 1. Birds banded at Metro Beach Metropark in Fall 2006, compared with 2005, and the 1990-1999 average. (Bold = first ever banded here, *Bold Italic* = first ever banded here in fall, ¹ = record for fall, ² = all time record).

Species	1990-1999 avg.	Fall 2005	#/100 NH (2005)	Fall 2006	#/100 NH (2006)
Sharp-shinned Hawk	0.2 (0.02)	1	0.09	-	-
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	-	28	2.63	87²	5.38
Yellow-bellied Sapsucker	0.5 (0.04)	-	-	-	-
Downy Woodpecker	4.5 (0.38)	9	0.84	6	0.37
Hairy Woodpecker	0.2 (0.02)	-	-	-	-
Northern Flicker	0.7 (0.06)	2	0.19	1	0.06
Eastern Wood-Pewee	1.5 (0.13)	-	-	8²	0.49
Yellow-bellied Flycatcher	6.9 (0.59)	-	-	5	0.31
Acadian Flycatcher	0.5 (0.05)	-	-	-	-
“Traill’s” Flycatcher	1.1 (0.09)	2	0.19	3	0.19
Alder Flycatcher	-	-	-	-	-
Willow Flycatcher	-	-	-	-	-
Least Flycatcher	2.6 (0.22)	-	-	2	0.12
Eastern Phoebe	0.9 (0.08)	2	0.19	4	0.25
Great Crested Flycatcher	1.2 (0.10)	-	-	-	-
Blue-headed Vireo	2.5 (0.22)	4	0.38	9²	0.56
Warbling Vireo	3.0 (0.26)	1	0.09	2	0.12
Philadelphia Vireo	4.0 (0.34)	-	-	-	-
Red-eyed Vireo	10.2 (0.87)	1	0.09	10	0.62
Blue Jay	4.5 (0.39)	1	0.09	10	0.62
Black-capped Chickadee	11.4 (0.97)	14	1.31	12	0.74
Tufted Titmouse	0.6 (0.05)	1	0.09	-	-
Red-breasted Nuthatch	0.4 (0.03)	-	-	-	-
White-breasted Nuthatch	0.2 (0.02)	-	-	1	0.06
Brown Creeper	5.4 (0.46)	10	0.94	20²	1.24
Carolina Wren	0.8 (0.07)	4	0.38	4	0.25
House Wren	3.9 (0.33)	15	1.41	12	0.74
Winter Wren	6.2 (0.53)	14	1.31	12	0.74
Marsh Wren	9.5 (0.81)	5	0.47	1	0.06
Golden-crowned Kinglet	38.6 (3.29)	62	5.82	132²	8.16
Ruby-crowned Kinglet	35.6 (3.03)	47	4.41	106²	6.55
Blue-gray Gnatcatcher	0.1 (0.01)	-	-	-	-

Table 1. Cont'd.

Species	1990-1999 avg.	2005	#/100 NH (2005)	2006	#/100 NH (2006)
Veery	3.9 (0.33)	-	-	6	0.37
Gray-cheeked Thrush	11.2 (0.95)	32	3.00	16	0.99
Swainson's Thrush	43.9 (3.74)	44	4.13	52	3.21
Hermit Thrush	25.7 (2.19)	110	10.32	90	5.56
Wood Thrush	1.4 (0.12)	3	0.28	1	0.06
American Robin	2.9 (0.25)	35	3.28	18	1.11
Gray Catbird	21.6 (1.84)	16	1.50	19	1.17
Brown Thrasher	0.1 (0.01)	-	-	-	-
Cedar Waxwing	7.4 (0.63)	-	-	-	-
<i>Blue-winged Warbler</i>	-	-	-	1	0.06
Golden-winged Warbler	0.4 (0.03)	-	-	-	-
Tennessee Warbler	4.7 (0.40)	2	0.19	17 ¹	1.05
Orange-crowned Warbler	1.0 (0.09)	3	0.28	12 ²	0.74
Nashville Warbler	8.5 (0.73)	13	1.22	91 ²	5.62
Northern Parula	0.5 (0.05)	-	-	-	-
Yellow Warbler	2.4 (0.20)	9	0.84	1	0.06
Chestnut-sided Warbler	8.3 (0.70)	1	0.09	30 ²	1.85
Magnolia Warbler	78.0 (6.64)	7	0.66	96	5.93
Cape May Warbler	0.8 (0.07)	-	-	-	-
Black-throated Blue Warbler	15.5 (1.32)	21	1.97	41 ²	2.53
Yellow-rumped Warbler	11.1 (0.94)	-	-	2	0.12
Black-throated Green Warbler	1.2 (0.10)	1	0.09	2	0.12
Blackburnian Warbler	1.0 (0.09)	1	0.09	3	0.19
(Western) Palm Warbler	0.5 (0.05)	-	-	-	-
Bay-breasted Warbler	6.1 (0.52)	1	0.09	26 ²	1.61
Blackpoll Warbler	11.7 (1.00)	2	0.19	7	0.43
Black-and-white Warbler	9.5 (0.81)	3	0.28	15	0.93
American Redstart	41.6 (3.54)	3	0.28	12	0.74
Prothonotary Warbler	0.1 (0.01)	-	-	-	-
Ovenbird	7.9 (0.67)	14	1.31	30 ²	1.85
Northern Waterthrush	9.4 (0.80)	4	0.38	11	0.68
Connecticut Warbler	0.5 (0.05)	-	-	-	-
Mourning Warbler	2.7 (0.23)	1	0.09	9	0.56
Common Yellowthroat	16.9 (1.44)	30	2.81	38	2.35
Wilson's Warbler	13.7 (1.17)	1	0.09	23	1.42
Canada Warbler	5.5 (0.46)	14	1.31	11	0.68
Yellow-breasted Chat	0.1 (0.01)	1	0.09	-	-
Scarlet Tanager	0.1 (0.01)	-	-	-	-
Northern Cardinal	6.1 (0.52)	28	2.63	28	1.73
Rose-breasted Grosbeak	2.3 (0.19)	3	0.28	-	-

Table 1. Cont'd.

Species	1990-1999 avg.	2005	#/100 NH (2005)	2006	#/100 NH (2006)
Indigo Bunting	0.3 (0.02)	1	0.09	2	0.12
Eastern Towhee	-	1	0.09	1	0.06
Field Sparrow	0.2 (0.02)	-	-	-	-
Fox Sparrow	1.7 (0.15)	15	1.41	8	0.49
Song Sparrow	46.7 (3.98)	39	3.66	90	5.56
Lincoln's Sparrow	1.5 (0.13)	1	0.09	1	0.06
Swamp Sparrow	16.8 (1.43)	11	1.03	19	1.17
White-throated Sparrow	56.7 (4.83)	162	15.20	203²	12.54
White-crowned Sparrow	1.8 (0.15)	1	0.09	7	0.43
Dark-eyed Junco	1.1 (0.09)	1	0.09	4	0.25
Red-winged Blackbird	1.1 (0.09)	-	-	-	-
Common Grackle	0.2 (0.02)	-	-	-	-
Brown-headed Cowbird	0.1 (0.01)	-	-	-	-
Orchard Oriole	-	1	0.09	-	-
Baltimore Oriole	-	9	0.84	-	-
Purple Finch	0.1 (0.01)	-	-	-	-
House Finch	3.7 (0.32)	-	-	-	-
Common Redpoll	0.1 (0.01)	-	-	-	-
American Goldfinch	3.2 (0.27)	-	-	2	0.12

Table 2. Birds banded at Metro Beach Metropark in Fall 2006, earliest, latest, and peak numbers. Unusual dates or numbers are boldfaced.

Species	Earliest Date	Latest Date	Peak No.	Peak Date
Sharp-shinned Hawk	-	-	-	-
Broad-winged Hawk	16-Sep-06	16-Sep-06	1	16-Sep-06
Virginia Rail	-	-	-	-
Mourning Dove	-	-	-	-
Black-billed Cuckoo	-	-	-	-
Yellow-billed Cuckoo	-	-	-	-
Ruby-throated Hummingbird	16-Aug-06	05-Oct-06	27	10-Sep-06
Yellow-bellied Sapsucker	-	-	-	-
Downy Woodpecker	05-Oct-06	24-Oct-06	4	14-Oct-06
Hairy Woodpecker	-	-	-	-
Northern Flicker	16-Aug-06	16-Aug-06	1	16-Aug-06
Eastern Wood-Pewee	25-Aug-06	10-Sep-06	3	01-Sep-06 02-Sep-06
Yellow-bellied Flycatcher	16-Aug-06	01-Sep-06	2	01-Sep-06
Acadian Flycatcher	-	-	-	-
“Traill’s” Flycatcher	18-Aug-06	01-Sep-06	1	All 3
Alder Flycatcher	-	-	-	-
Willow Flycatcher	-	-	-	-
Least Flycatcher	11-Aug-06	10-Sep-06	1	Both
Eastern Phoebe	04-Oct-06	04-Oct-06	4	04-Oct-06
Great Crested Flycatcher	-	-	-	-
Blue-headed Vireo	10-Oct-06	24-Oct-06	4	10-Oct-06
Warbling Vireo	16-Aug-06	01-Sep-06	1	Both
Philadelphia Vireo	-	-	-	-
Red-eyed Vireo	01-Sep-06	07-Oct-06	4	01-Sep-06 02-Sep-06
Blue Jay	07-Oct-06	14-Oct-06	8	07-Oct-06
Black-capped Chickadee	11-Aug-06	24-Oct-06	2	3 dates
Tufted Titmouse	-	-	-	-
Red-breasted Nuthatch	-	-	-	-
White-breasted Nuthatch	01-Sep-06	01-Sep-06	1	01-Sep-06
Brown Creeper	05-Oct-06	30-Oct-06	11	30-Oct-06
Carolina Wren	06-Aug-06	25-Aug-06	2	06-Aug-06
House Wren	11-Aug-06	05-Oct-06	3	25-Aug-06
Winter Wren	18-Sep-06	30-Oct-06	4	05-Oct-06
Marsh Wren	10-Sep-06	10-Sep-06	1	10-Sep-06
Golden-crowned Kinglet	05-Oct-06	30-Oct-06	38	07-Oct-06
Ruby-crowned Kinglet	10-Sep-06	30-Oct-06	30	05-Oct-06
Blue-gray Gnatcatcher	-	-	-	-

Table 2. Cont'd.

Species	Earliest Date	Latest Date	Peak No.	Peak Date
Veery	01-Sep-06	10-Sep-06	2	01-Sep-06
Gray-cheeked Thrush	10-Sep-06	05-Oct-06	5	16-Sep-06
Swainson's Thrush	01-Sep-06	05-Oct-06	18	10-Sep-06
Hermit Thrush	29-Sep-06	30-Oct-06	20	07-Oct-06
Wood Thrush	18-Sep-06	18-Sep-06	1	18-Sep-06
American Robin	11-Aug-06	21-Oct-06	5	07-Oct-06
Gray Catbird	05-Aug-06	14-Oct-06	3	3 dates
Brown Thrasher	-	-	-	-
Cedar Waxwing	-	-	-	-
Blue-winged Warbler	25-Aug-06	25-Aug-06	1	25-Aug-06
Golden-winged Warbler	-	-	-	-
Tennessee Warbler	16-Aug-06	24-Sep-06	6	16-Aug-06
Orange-crowned Warbler	05-Oct-06	14-Oct-06	4	07-Oct-06
Nashville Warbler	01-Sep-06	30-Oct-06	48	10-Sep-06
Northern Parula	-	-	-	-
Yellow Warbler	16-Aug-06	16-Aug-06	1	16-Aug-06
Chestnut-sided Warbler	11-Aug-06	22-Sep-06	16	25-Aug-06
Magnolia Warbler	16-Aug-06	21-Oct-06	25	01-Sep-06
Cape May Warbler	-	-	-	-
Black-throated Blue Warbler	25-Aug-06	14-Oct-06	8	01-Sep-06
Yellow-rumped Warbler	02-Sep-06	29-Sep-06	1	Both
Black-throated Green Warbler	26-Aug-06	10-Sep-06	1	Both
Blackburnian Warbler	01-Sep-06	10-Sep-06	2	01-Sep-06
(Western) Palm Warbler	-	-	-	-
Bay-breasted Warbler	25-Aug-06	05-Oct-06	12	10-Sep-06
Blackpoll Warbler	01-Sep-06	14-Oct-06	2	08-Sep-06 10-Sep-06
Black-and-white Warbler	11-Aug-06	24-Sep-06	6	10-Sep-06
American Redstart	25-Aug-06	29-Sep-06	4	10-Sep006
Prothonotary Warbler	-	-	-	-
Ovenbird	18-Aug-06	07-Oct-06	5	01-Sep-06
Northern Waterthrush	05-Aug-06	10-Sep-06	3	10-Sep-06
Connecticut Warbler	-	-	-	-
Mourning Warbler	10-Sep-06	10-Sep-06	1	10-Sep-06
Common Yellowthroat	06-Aug-06	29-Sep-06	11	16-Aug-06
Wilson's Warbler	16-Aug-06	10-Sep-06	8	10-Sep-06
Canada Warbler	11-Aug-06	10-Sep-06	4	16-Aug-06
Yellow-breasted Chat	-	-	-	-
Scarlet Tanager	-	-	-	-
Northern Cardinal	05-Aug-06	14-Oct-06	5	14-Oct-06
Rose-breasted Grosbeak	-	-	-	-

Table 2. Cont'd.

Species	Earliest Date	Latest Date	Peak No.	Peak Date
Indigo Bunting	18-Aug-06	05-Oct-06	1	Both
Eastern Towhee	07-Oct-06	07-Oct-06	1	07-Oct-06
Field Sparrow	-	-	-	-
Fox Sparrow	21-Oct-06	30-Oct-06	4	30-Oct-06
Song Sparrow	05-Aug-06	30-Oct-06	13	16-Aug-06 21-Oct-06
Lincoln's Sparrow	16-Sep-06	16-Sep-06	1	16-Sep-06
Swamp Sparrow	16-Aug-06	30-Oct-06	4	05-Oct-06
White-throated Sparrow	16-Sep-06	30-Oct-06	46	05-Oct-06
White-crowned Sparrow	16-Sep-06	30-Oct-06	3	10-Oct-06
Dark-eyed Junco	05-Oct-06	10-Oct-06	3	10-Oct-06
Red-winged Blackbird	-	-	-	-
Common Grackle	-	-	-	-
Brown-headed Cowbird	-	-	-	-
Orchard Oriole	-	-	-	-
Baltimore Oriole	-	-	-	-
Purple Finch	-	-	-	-
House Finch	-	-	-	-
Common Redpoll	-	-	-	-
American Goldfinch	14-Oct-06	21-Oct-06	1	Both

Table 3. Breeding Evidence of Birds captured at Metro Beach Metropark in Fall 2006
 (BP=Brood Patch, CP=Cloacal Protuberance, 1=min., 3=max., 4=diminishing)

Species	Age/Sex	Band No.	Date Banded	Dates Recaptured	Breeding Evidence Observed
American Robin	AHY-M	1192-24680	16-Apr-05 (AHY-M)	18-Aug-06	CP=2
Gray Catbird	AHY-F	1631-01395	08-May-04 (ASY-U)	(01-Jun-06) 05-Aug-06	BP=3 BP=4
Song Sparrow	AHY-F	2251-02852	16-Apr-06 (AHY-U)	(07-May-06) 05-Aug-06 06-Aug-06 16-Aug-06	BP=1, egg? BP=4 BP=4 BP=4
Song Sparrow	AHY-F	1961-11689	27-May-05 (AHY-F)	11-Aug-06	BP=4
Song Sparrow	AHY-F	1961-11671	14-May-05 (AHY-F)	16-Aug-06 25-Aug-06	BP=4 BP=4
Song Sparrow	AHY-F	1961-11714	14-Aug-05 (HY-U)	18-Aug-06	BP=4

Table 4. Returns from 2004

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	No. Days
Downy Woodpecker	1291-11114	04-Apr-04	SY-M	(12-May-06) 14-Oct-06	ASY-M	(768) 923
American Robin	0842-29086	18-Apr-04	ASY-U	(02-Apr-06) 14-Oct-06	AHY-M	(714) 909
Gray Catbird	1631-01395	08-May-04	ASY-U	(01-Jun-06) 05-Aug-06	ASY-F	(754) 819

Table 5. Returns from 2005

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	No. Days
Downy Woodpecker	1961-11617	09-Apr-05	ATY-F	(12-May-06) 21-Oct-06	AHY-F	(398) 560
Hairy Woodpecker	1222-19006	27-May-05	TY-M	(01-Jun-06) 07-Oct-06	ATY-M	(370) 498
Black-capped Chickadee	2360-85139	21-Aug-05	HY-U	(4x in Spring '06) 14-Oct-06	AHY-F	(285) 419
Black-capped Chickadee	2360-85098	13-Aug-05	AHY-F	(02-Apr-06) 24-Sep-06	AHY-F	(232) 407
Black-capped Chickadee	2360-85099	13-Aug-05	AHY-U	(02-Apr-06) 21-Oct-06	AHY-U	(232) 434
Black-capped Chickadee	2360-85166	18-Sep-05	AHY-U	(25-Apr-06) 01-Sep-06 07-Oct-06	AHY-U	(219) 348 384
House Wren*	2360-85134	21-Aug-05	AHY-F	16-Aug-06	AHY-F	360
American Robin	1192-24680	16-Apr-05	AHY-M	18-Aug-06	AHY-M	489
American Robin	1222-19020	14-Aug-05	HY-U	22-Sep-06 29-Sep-06	AHY-F	404 411
American Robin	1222-19054	10-Oct-06	HY-U	14-Oct-06	AHY-F	369
Gray Catbird	8101-31411	14-May-05	AHY-M	(2x in Spring '06) 16-Aug-06	AHY-M	(374) 459
Common Yellowthroat	2360-85008	15-May-05	ASY-M	(2x in Spring '06) 06-Aug-06	AHY-M	(373) 448
Song Sparrow	2201-91763	09-Oct-05	HY-U	(7x in Spring '06) 18-Aug-06 25-Aug-06	AHY-M	(235) 313 320
Song Sparrow	1961-11605	03-Apr-05	AHY-M	(15-May-06) 05-Aug-06 16-Aug-06	AHY-M	(407) 489 500
Song Sparrow	1961-11689	27-May-05	AHY-F	11-Aug-06	AHY-F	441
Song Sparrow**	1961-11671	14-May-05	AHY-F	16-Aug-06 25-Aug-06	AHY-F	459 468
Song Sparrow	1961-11714	14-Aug-05	HY-U	18-Aug-06	AHY-F	369
Northern Cardinal	8101-31462	13-Aug-05	HY-F	(2x in Spring '06) 07-Oct-06	AHY-F	(262) 420
Northern Cardinal	8101-31400	01-May-05	AHY-M	(23-May-06) 26-Aug-06 14-Oct-06	AHY-M	(387) 482 531
Northern Cardinal	8101-31460	13-Aug-05	AHY-F	05-Oct-06	AHY-F	418

* Plumage somewhat pale (leucistic), possibly dietary.

** Skull almost completely un-ossified, as in a newly fledged bird!

Table 6. Returns from Spring 2006

Species	Band No.	Date Banded	Age/Sex	Date Recap.	Age/Sex	No. Days
Carolina Wren	2251-03130	22-May-06	AHY-U	25-Aug-06 07-Oct-06	AHY-U	95 138
Carolina Wren	2261-03129	22-May-06	AHY-F	14-Oct-06	AHY-U	145
American Robin	1222-42906	15-May-06	SY-F	10-Sep-06	AHY-F	118
Gray Catbird	1991-00909	28-May-06	ASY-U	06-Aug-06	ASY-U	70
Song Sparrow	2251-02852	16-Apr-06	AHY-U	(07-May-06) 05-Aug-06 06-Aug-06 16-Aug-06	AHY-F	(21) 111 112 122
Northern Cardinal	1991-01093	22-May-06	AHY-F	07-Oct-06	AHY-F	138

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 Recapture (g)	Gain/Loss (g)	Gain/Loss (%)
<i>Ruby-throated Hummingbird</i>	E17260	HY-F	22-Sep-06	24-Sep-06	2	4.7	-	-	-
<i>Traill's Flycatcher</i>	2360-85430	HY-U	01-Sep-06	02-Sep-06	1	12.3	11.8	-0.5	-4.1%
<i>Blue-headed Vireo</i>	1601-24509	HY-U	10-Oct-06	14-Oct-06	4	16.0	15.5	-0.5	-3.1%
Black-capped Chickadee	2360-85413	HY-U	25-Aug-06	01-Sep-06 24-Oct-06	7 60	9.4 10.2	10.2 9.3	+0.8 -0.9	-1.1%
Black-capped Chickadee	2360-85399	HY-U	18-Aug-06	02-Sep-06 29-Sep-06 14-Oct-06 30-Oct-06	14 42 57 73	10.8 10.9 10.6 11.0	10.9 10.6 11.0 10.9	+0.1 -0.3 +0.4 -0.1	+0.9%
Black-capped Chickadee	2360-85412	HY-U	25-Aug-06	02-Sep-06 30-Oct-06	8 66	10.1 10.9	10.9 10.6	+0.8 -0.3	+4.9%
Black-capped Chickadee	2360-85467	HY-U	10-Sep-06	05-Oct-06 07-Oct-06	25 27	11.5 10.5	10.5 11.1	-1.0 +0.6	-3.5%
Black-capped Chickadee	2360-85505	AHY-U	05-Oct-06	14-Oct-06 21-Oct-06	9 16	9.6 10.4	10.4 -	+0.8 -	+8.3%
<i>House Wren</i>	2360-85410	HY-U	25-Aug-06	01-Sep-06 05-Oct-06	7 41	10.6 10.7	10.7 11.9	+0.1 +1.2	+12.3%
<i>House Wren</i>	2360-85409	HY-U	25-Aug-06	08-Sep-06	14	10.2	9.6	-0.6	-5.9%
<i>Winter Wren</i>	2380-21680	HY-U	18-Sep-06	22-Sep-06	4	9.8	9.4	-0.4	-4.1%
<i>Winter Wren</i>	2380-21754	HY-U	05-Oct-06	07-Oct-06	2	10.0	10.0	0.0	0.0%
<i>Golden-crowned Kinglet</i>	2380-21874	HY-M	07-Oct-06	14-Oct-06	7	5.4	6.6	+1.2	+22.2%
<i>Golden-crowned Kinglet</i>	2380-21898	HY-M	10-Oct-06	14-Oct-06	4	5.6	6.5	+0.9	+16.0%
<i>Veery</i>	2251-03193	AHY-U	01-Sep-06	02-Sep-06	1	30.3	31.4	+1.1	+3.6%
<i>Veery</i>	2251-44321	HY-U	08-Sep-06	10-Sep-06	2	31.5	32.5	+1.0	+3.2%
<i>Hermit Thrush</i>	2251-44484	HY-U	05-Oct-06	07-Oct-06	2	27.9	26.7	-1.2	-4.3%
<i>Hermit Thrush</i>	2251-44428	HY-U	05-Oct-06	07-Oct-06	2	27.0	26.4	-0.6	-2.2%
<i>Hermit Thrush</i>	2251-44426	HY-U	05-Oct-06	14-Oct-06 24-Oct-06	9 19	28.4 27.2	27.2 27.3	-1.2 +0.1	-3.9%
<i>Hermit Thrush</i>	2251-44565	HY-U	10-Oct-06	14-Oct-06	4	29.7	28.4	-1.3	-4.4%
<i>Hermit Thrush</i>	2251-44594	HY-U	10-Oct-06	14-Oct-06	4	27.0	26.7	-0.3	-1.1%
<i>Hermit Thrush</i>	2251-44566	HY-U	10-Oct-06	14-Oct-06	4	31.1	30.5	-0.6	-1.9%
<i>Hermit Thrush</i>	2251-44538	HY-U	07-Oct-06	14-Oct-06	7	30.3	30.9	+0.6	+2.0%
<i>Hermit Thrush</i>	2251-44571	HY-U	10-Oct-06	14-Oct-06	4	29.3	29.9	+0.6	+2.0%
<i>Hermit Thrush</i>	2251-44543	HY-U	07-Oct-06	14-Oct-06	7	26.9	27.0	+0.1	+0.4%
<i>Hermit Thrush</i>	2251-44576	HY-U	10-Oct-06	14-Oct-06	4	29.4	31.7	+2.3	+7.8%
<i>Hermit Thrush</i>	2251-44521	HY-U	07-Oct-06	14-Oct-06	7	27.9	29.2	+1.3	+4.6%
<i>Hermit Thrush</i>	2281-01227	HY-U	14-Oct-06	21-Oct-06 24-Oct-06	7 10	29.9 29.0	29.0 -	-0.9 -	-3.0%
<i>Hermit Thrush</i>	2281-01329	HY-U	21-Oct-06	24-Oct-06	3	29.5	30.5	+1.0	+3.4%
<i>Swainson's Thrush</i>	2251-44366	HY-U	22-Sep-06	24-Sep-06	2	27.9	29.2	+1.3	+4.7%
<i>Swainson's Thrush</i>	2251-44367	HY-U	22-Sep-06	24-Sep-06	2	32.4	33.0	+0.6	+1.8%
<i>Swainson's Thrush</i>	2251-44375	HY-U	22-Sep-06	24-Sep-06	2	28.1	29.9	+1.8	+6.4%
<i>Gray-cheeked Thrush</i>	2251-44363	HY-U	18-Sep-06	22-Sep-06	4	35.5	36.9	+1.4	+3.9%

Table 7. Cont'd.

Species	Band No.	Age/Sex	Date Banded	Date Recaptured	No. of days	Original Weight	Weight at Recapture (g)	Gain/Loss (g)	Gain/Loss (%)
<i>Gray Catbird</i>	1991-00929	HY-U	18-Aug-06	02-Sep-06	15	38.7	37.4	-1.3	-3.4%
<i>Gray Catbird</i>	1991-00940	HY-U	07-Sep-06	10-Sep-06	3	35.2	33.0	-2.2	-6.2%
<i>Gray Catbird</i>	1991-00939	HY-U	07-Sep-06	16-Sep-06	9	37.9	36.5	-1.4	
				29-Sep-06	22	36.5	39.1	+2.6	+3.2%
<i>Tennessee Warbler</i>	2380-21439	AHY-F	16-Aug-06	01-Sep-06	16	8.8	9.1	+0.3	+3.4%
<i>Magnolia Warbler</i>	2380-21487	HY-U	01-Sep-06	02-Sep-06	1	7.8	8.0	+0.2	+2.6%
<i>Magnolia Warbler</i>	2380-21566	HY-U	02-Sep-06	07-Sep-06	5	7.2	-	-	
				08-Sep-06	6	-	7.5	+0.3	+4.2%
<i>Magnolia Warbler</i>	2380-21501	HY-U	01-Sep-06	08-Sep-06	7	8.9	8.0	-0.9	-10.1%
<i>Magnolia Warbler</i>	2380-21671	HY-U	10-Sep-06	16-Sep-06	6	6.9	8.2	+1.3	
				18-Sep-06	8	8.2	8.4	+0.2	+21.7%
<i>Magnolia Warbler</i>	2380-21665	HY-U	10-Sep-06	18-Sep-06	8	6.7	7.6	+0.9	+13.4%
<i>Black-throated Blue Warbler</i>	2380-21490	HY-F	01-Sep-06	02-Sep-06	1	9.3	9.2	-0.1	-1.1%
<i>Black-throated Blue Warbler</i>	2380-21575	HY-F	08-Sep-06	10-Sep-06	2	9.5	8.9	-0.6	+6.3%
<i>Black-throated Blue Warbler</i>	2380-21574	HY-F	08-Sep-06	16-Sep-06	8	10.0	12.7	+2.7	
				18-Sep-06	10	12.7	13.4	+0.7	+34.0%
<i>Ovenbird</i>	1941-02447	HY-U	07-Sep-06	10-Sep-06	3	18.5	20.9	+2.4	+12.7%
<i>Ovenbird</i>	1941-02451	HY-U	08-Sep-06	10-Sep-06	2	-	19.0	-	
				16-Sep-06	8	19.0	20.3	+1.3	
				18-Sep-06	10	20.3	19.3	-1.0	
				24-Sep-06	16	19.3	21.3	+2.0	+12.1%
<i>Ovenbird</i>	1941-02465	HY-U	18-Sep-06	22-Sep-06	4	21.5	21.4	-0.1	-0.5%
<i>Northern Waterthrush</i>	1941-02433	HY-U	01-Sep-06	02-Sep-06	1	16.0	14.0	-2.0	-12.5%
<i>Common Yellowthroat</i>	2360-85369	AHY-M	16-Aug-06	25-Aug-06	9	10.5	9.5	-1.0	-9.5%
<i>Common Yellowthroat</i>	2360-85422	HY-U	01-Sep-06	02-Sep-06	1	10.5	10.5	0.0	
				08-Sep-06	7	10.5	11.5	+1.0	
				10-Sep-06	9	11.5	10.5	-1.0	0.0%
<i>Common Yellowthroat</i>	2360-85458	HY-U	07-Sep-06	08-Sep-06	1	10.0	8.4	-1.6	-16.0%
<i>Common Yellowthroat</i>	2360-85396	HY-M	18-Aug-06	08-Sep-06	21	11.3	10.6	-0.9	-8.0%
<i>Common Yellowthroat</i>	2360-85432	HY-M	01-Sep-06	10-Sep-06	9	11.0	9.2	-1.8	-16.4%
<i>Wilson's Warbler</i>	2380-21473	HY-M	25-Aug-06	26-Aug-06	1	7.7	7.5	-0.2	-2.6%
<i>Wilson's Warbler</i>	2380-21579	HY-M	08-Sep-06	10-Sep-06	2	8.4	8.0	-0.4	-4.8%
<i>Swamp Sparrow</i>	1941-02419	HY-U	16-Aug-06	18-Aug-06	2	15.6	15.9	+0.3	+1.9%
<i>Song Sparrow</i>	2251-03176	HY-U	16-Aug-06	25-Aug-06	9	17.0	18.7	+1.7	
				01-Sep-06	16	18.7	17.6	-1.1	+3.5%
<i>Song Sparrow</i>	2251-03169	HY-U	06-Aug-06	25-Aug-06	19	17.8	18.9	+1.1	+6.2%
<i>Song Sparrow</i>	2251-03198	HY-U	01-Sep-06	02-Sep-06	1	18.7	17.4	-1.3	-6.9%
<i>Song Sparrow</i>	2251-03195	HY-U	01-Sep-06	07-Sep-06	6	19.9	20.3	+0.4	+2.0%
<i>Song Sparrow</i>	2251-03197	HY-U	01-Sep-06	14-Oct-06	43	19.0	21.9	+2.9	+15.3%
<i>Song Sparrow</i>	2281-01232	HY-U	14-Oct-06	21-Oct-06	7	20.7	20.2	-0.5	-2.4%
<i>Song Sparrow</i>	2281-01335	AHY-U	21-Oct-06	24-Oct-06	3	20.5	20.4	-0.1	-0.5%
<i>White-throated Sparrow</i>	2251-44457	HY-F	05-Oct-06	07-Oct-06	2	23.2	21.8	-1.4	-6.0%
<i>White-throated Sparrow</i>	2251-44458	HY-U	05-Oct-06	07-Oct-06	2	24.7	24.8	+0.1	+0.4%
<i>White-throated Sparrow</i>	2251-44541	HY-U	07-Oct-06	10-Oct-06	3	27.9	25.1	-2.8	
				14-Oct-06	7	25.1	24.8	-0.3	-11.1%
<i>White-throated Sparrow</i>	2251-44455	HY-U	05-Oct-06	10-Oct-06	5	22.5	23.4	+0.9	+4.0%
<i>White-throated Sparrow</i>	2251-44531	HY-U	05-Oct-06	10-Oct-06	5	23.5	23.8	+0.3	+1.3%

Table 7. Cont'd.

Species	Band No.	Age/Sex	Date Banded	Date Recaptured	No. of days	Original Weight	Weight at Recapture (g)	Gain/Loss (g)	Gain/Loss (%)
White-throated Sparrow	2251-44535	HY-U	07-Oct-06	10-Oct-06	3	25.5	24.6	-0.9	-3.5%
White-throated Sparrow	2251-44456	HY-U	05-Oct-06	10-Oct-06	5	23.3	28.2	+4.9	+21.0%
White-throated Sparrow	2251-44466	HY-F	05-Oct-06	14-Oct-06	9	24.7	25.0	+0.3	+1.2%
White-throated Sparrow	2251-44500	HY-U	07-Oct-06	14-Oct-06	7	21.1	25.0	+4.9	+23.2%
White-throated Sparrow	2251-44552	HY-F	07-Oct-06	14-Oct-06 21-Oct-06	7 14	22.8 23.6	23.6 24.5	+0.8 +0.9	+7.4%
White-throated Sparrow	2281-01219	HY-U	14-Oct-06	21-Oct-06	7	26.7	28.8	+2.1	+7.9%
Northern Cardinal	1991-00921	HY-F	05-Aug-06	16-Aug-06 10-Sep-06	11 36	36.1 34.3	34.3 36.3	-1.8 +2.0	+0.5%
Northern Cardinal	1991-00932	HY-M	18-Aug-06	25-Aug-06 22-Sep-06	7 35	40.0 39.6	39.6 46.9	-0.4 +7.3	+17.2%
Northern Cardinal	1991-00934	HY-F	25-Aug-06	26-Aug-06	1	37.7	37.6	-0.1	-0.3%
Northern Cardinal	1991-00936	HY-M	26-Aug-06	01-Sep-06	6	42.9	43.9	+1.0	+2.3%
Northern Cardinal	1991-00937	HY-M	01-Sep-06	02-Sep-06 07-Sep-06	1 6	45.5 42.7	42.7 44.0	-2.8 +1.3	-3.3%
Northern Cardinal	1991-00922	HY-F	06-Aug-06	08-Sep-06	33	38.3	43.7	+5.4	+14.1%
Northern Cardinal	1991-00924	HY-M	11-Aug-06	16-Sep-06 14-Oct-06	36 64	45.3 48.0	48.0 47.8	+2.7 -0.3	+5.3%
Northern Cardinal	1991-00942	HY-M	10-Sep-06	07-Oct-06 14-Oct-06	27 34	43.2 46.3	46.3 44.4	+3.1 -1.9	+2.8%
Northern Cardinal	1991-00955	HY-F	29-Sep-06	10-Oct-06 24-Oct-06	11 25	43.0 43.0	43.0 44.6	0.0 +1.6	+3.7%
Northern Cardinal	1991-00962	HY-M	10-Oct-06	14-Oct-06	4	41.3	40.0	-1.3	-3.1%
Northern Cardinal	1991-00943	HY-M	10-Sep-06	14-Oct-06	34	41.5	40.6	-0.9	-2.2%
Northern Cardinal	1991-00966	HY-F	14-Oct-06	21-Oct-06	7	39.1	38.4	-0.7	-1.8%
Northern Cardinal	1991-00951	HY-M	24-Sep-06	24-Oct-06	30	42.6	42.8	+0.2	+0.5%
Northern Cardinal	1991-00969	HY-M	14-Oct-06	30-Oct-06	16	45.2	48.0	+2.8	+6.2%

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Hatch-year Broad-winged Hawk on 16 Sep 2007



Hatch-year Broad-winged Hawk on 16 Sep 2007



Hatch-year Broad-winged Hawk on 16 Sep 2007



Hatch-year Broad-winged Hawk on 16 Sep 2007



Hatch-year Broad-winged Hawk on 16 Sep 2007



Neil Gilbert tending the Broad-winged Hawk

FALL 2006 - PHOTO HIGHLIGHTS



Ken Willard with 92 birds from one net run!



Hatch-year White-crowned Sparrow



Leucistic hatch-year female Black-throated Blue Warbler



Hatch-year male Orange-crowned Warbler



Leucistic hatch-year female Black-throated Blue Warbler



Hatch-year female Tennessee Warbler with unusually broad wing bars