

MIGRATION MONITORING AT

CABOT HEAD

Annual Report

 2017

*by*

Stéphane Menu, Ph.D.

Cabot Head Research Station

Bruce Peninsula - Ontario

stefmenu@gmail.com

*prepared*

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#### **BRUCE PENINSULA BIRD OBSERVATORY**

November, 2017

In 2017, spring fieldwork began on April 15 and ended on June 10 for a total of 57 consecutive days of coverage. A total of 158 species were detected during the monitoring period. A total of 996 birds of 63 species were banded and 80birds of 16species were recaptured. The defining characteristic of spring 2017 was of relatively poor weather throughout much of the season. There were frequent periods of rain (nine days) or strong winds (six days) during the monitoring period that precluded banding operation on a total of 13 days (23% of the monitoring period). However, there were still a good number of days with very good coverage (more than 80 mist net hours out of a potential of 90 for a given day): 34 days (i.e. 60% of the monitoring period). In spring 2017, and in sharp contrast with the previous spring, the banding total was the second lowest in 16 years of monitoring, well below the spring average of 1575 ± 471 banded birds (high of 2622 birds in spring 2002 and low of 876 in spring 2014). Three species, Golden-crowned Kinglet, Ruby-crowned Kinglet, and American Redstart (in decreasing order), represented 33% of the banding total. For most species, banding totals are well below the 2002-2016 spring averages. There were only seven days with banding totals over 50 birds (and none over 100 birds). The greatest number of captures was on May 13 with 88 birds banded. Both on May 13 and 27, 74 species were detected, the highest diversity of the spring. Four new species were added to the BPBO checklist during the spring 2017 season. Four new species were added to the BPBO checklist during the spring 2017 season: A Great Grey Owl was found perched on a small dead tree in the expensive wetland East of Middle Bluff in the early evening of May 3. It was observed for 30 minutes hunting, mostly perched. The owl was seen again on May 9 in late afternoon in the Count Area. A Black Tern was observed flying West during census on May 21. For a frustrating short period, a Prothonotary Warbler was observed in a small cedar next to the station in the morning of May 28. Finally, a Barred Owl was heard faintly on June 8.

Fall fieldwork began on August 17 and ended on October 24 for a total of 71 consecutive days of coverage. A total of 120 species of birds were detected in the standard count area over the course of the field season. Among them, 77 species have been seen every fall since monitoring began. The number of species detected this fall was well below the 2002-2016 average of 137 ± 9 (range: 127 species in falls 2006 and 2008 – 156 species in fall 2002). In total, 1,037 birds of 61 species were banded and 90 birds of 22 species were recaptured. This is the lowest banding total ever for the fall season, with most species (45 out of 61) banded below average and another 12 species at or slightly above average. Only four species were captured in numbers well above average. Notably, Cape May Warblers were banded in record numbers, with 12 individuals, while previous numbers were between one to seven birds (with no capture during four fall seasons). Highlights of the fall season were the observations of one Short-eared Owl, a new species for Cabot Head, and of a Townsend’s Solitaire, a vagrant from the Rocky Mountains.

 This year, a total of 18 volunteers helped for the project, totaling 232 volunteer-days. Most volunteers came from Ontario but we had our first volunteer from Brazil this year.

Table 1. Summary of bird migration monitoring at Cabot Head Research Station in 2017.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Spring | Fall | Total |
| Species detected | 158 | 120 |  |
| Species banded | 996 | 1037 | 2034 |
| Total banded | 63 | 61 |  |
| Total days of coverage | 57 | 71 | 128 |
| Number of volunteers | 6 | 6 | 11 |
| Volunteer days | 114 | 68 | 182 |

Table 2. Estimated Total of species observed in spring 2017 at Cabot Head Research Station, with daily average, maximum and minimum daily ET, and dates of first and last observation.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group | Species | Season Total | Average | Max Daily | Min Daily | Days with obs. | First date | Last date |
| Ducks, Geese & Swans | Snow Goose | 3 | 3 | 3 | 3 | 1 | 19 April |  |
| Canada Goose | 1220 | 28 | 259 | 1 | 44 | 15 April | 10 June |
| Wood Duck | 6 | 3 | 4 | 2 | 2 | 27 April | 11 May |
| Mallard | 49 | 2 | 5 | 1 | 21 | 17 April | 10 June |
| Gadwall | 1 | 1 | 1 | 1 | 1 | 7 June |  |
| American Widgeon | 7 | 7 | 7 | 7 | 1 | 18 April |  |
| Green-winged Teal | 3 | 2 | 2 | 1 | 2 | 27 April | 13 May |
| Ring-necked Duck | 2 | 2 | 2 | 2 | 1 | 25 April |  |
| Bufflehead | 60 | 3 | 10 | 1 | 19 | 17 April | 19 May |
| Common Goldeneye | 1 | 1 | 1 | 1 | 1 | 15 April |  |
| Hooded Merganser | 5 | 1 | 2 | 1 | 4 | 24 April | 29 April |
| Common Merganser | 364 | 7 | 34 | 1 | 48 | 15 April | 10 June |
| Red-breasted Merganser | 76 | 4 | 15 | 1 | 14 | 18 April | 1 June |
| Grouse & Turkeys | Ruffed Grouse | 34 | 1 | 4 | 1 | 24 | 18 April | 2 June |
| Wild Turkey | 5 | 1 | 1 | 1 | 5 | 17 April | 8 June |
| Grebes | Red-necked Grebe | 3 | 1 | 1 | 1 | 3 | 4 May | 11 May |
| Pigeons and Doves | Mourning Dove | 7 | 1 | 2 | 1 | 6 | 23 April | 10 June |
| Cuckoos & Anis | Black-billed Cuckoo | 1 | 1 | 1 | 1 | 1 | 28 May |  |
| Goatsuckers | Eastern Whip-poor-will | 12 | 1 | 1 | 1 | 12 | 11 May | 10 June |
| Swifts | Chimney Swift | 3 | 2 | 2 | 1 | 2 | 17 May | 28 May |
| Hummingbirds | Ruby-throated Hummingbird | 66 | 3 | 8 | 1 | 21 | 12 May | 10 June |
| Cranes | Sandhill Crane | 99 | 3 | 12 | 1 | 34 | 15 April | 10 June |
| Plovers | Killdeer | 9 | 1 | 2 | 1 | 7 | 19 April | 18 May |
| Sandpipers & Phalaropes | Greater Yellowlegs | 14 | 2 | 4 | 1 | 9 | 24 April | 22 May |
| Lesser Yellowlegs | 6 | 6 | 6 | 6 | 1 | 14 May |  |
| Spotted Sandpiper | 29 | 2 | 3 | 1 | 17 | 11 May | 10 June |
| Wilson's Snipe | 4 | 1 | 1 | 1 | 4 | 12 May | 9 June |
| American Woodcock | 6 | 1 | 1 | 1 | 6 | 20 April | 29 May |
| Gulls & Terns | Ring-billed Gull | 434 | 14 | 60 | 1 | 31 | 19 April | 10 June |
| Herring Gull | 181 | 4 | 12 | 1 | 44 | 17 April | 9 June |
| Caspian Tern | 8 | 1 | 2 | 1 | 5 | 7 May | 1 June |
| Common Tern | 25 | 2 | 3 | 1 | 16 | 12 May | 10 June |
| Black Tern | 1 | 1 | 1 | 1 | 1 | 22 May |  |
| Loons | Common Loon | 163 | 4 | 15 | 1 | 39 | 17 April | 10 June |
| Cormorants | Double-crested Cormorant | 170 | 5 | 27 | 1 | 35 | 20 April | 10 June |
| Herons & Bitterns | Great Blue Heron | 36 | 2 | 8 | 1 | 17 | 19 April | 10 June |
| Green Heron | 1 | 1 | 1 | 1 | 1 | 9 June |  |
| Vultures | Turkey Vulture | 388 | 9 | 37 | 1 | 43 | 17 April | 10 June |
| Osprey | Osprey | 8 | 1 | 2 | 1 | 7 | 18 April | 1 June |
| Hawks, Kites & Eagles | Bald Eagle | 120 | 3 | 6 | 1 | 46 | 15 April | 10 June |
| Northern Harrier | 21 | 2 | 3 | 1 | 14 | 15 April | 17 May |
| Sharp-shinned Hawk | 431 | 13 | 89 | 1 | 34 | 15 April | 31 May |
| Cooper's Hawk | 6 | 1 | 2 | 1 | 5 | 18 April | 8 May |
| Northern Goshawk | 1 | 1 | 1 | 1 | 1 | 27 May |  |
| Red-shouldered Hawk | 8 | 1 | 2 | 1 | 6 | 23 April | 23 May |
| Broad-winged Hawk | 230 | 10 | 50 | 1 | 22 | 19 April | 10 June |
| Red-tailed Hawk | 57 | 3 | 20 | 1 | 21 | 17 April | 10 June |
| Rough-legged Hawk | 12 | 2 | 4 | 1 | 6 | 19 April | 18 May |
| Golden Eagle | 2 | 1 | 1 | 1 | 2 | 27 April | 7 May |
| Typical Owls | Great Horned Owl | 1 | 1 | 1 | 1 | 1 | 15 May |  |
| Barred Owl | 1 | 1 | 1 | 1 | 1 | 8 June |  |
| Kingfishers | Belted Kingfisher | 25 | 1 | 2 | 1 | 23 | 17 April | 23 May |
| Woodpeckers | Red-headed Woodpecker | 1 | 1 | 1 | 1 | 1 | 12 May |  |
| Red-bellied Woodpecker | 7 | 1 | 1 | 1 | 7 | 13 May | 10 June |
| Yellow-bellied Sapsucker | 12 | 2 | 5 | 1 | 7 | 18 April | 15 May |
| Downy Woodpecker | 4 | 1 | 2 | 1 | 3 | 15 April | 24 April |
| Hairy Woodpecker | 9 | 1 | 2 | 1 | 7 | 29 April | 8 June |
| Northern Flicker | 150 | 4 | 20 | 1 | 34 | 15 April | 10 June |
| Pileated Woodpecker | 17 | 1 | 3 | 1 | 12 | 21 April | 3 June |
| Caracaras & Falcons | American Kestrel | 22 | 2 | 6 | 1 | 11 | 18 April | 27 May |
| Merlin | 41 | 1 | 3 | 1 | 30 | 17 April | 6 June |
| Peregrine Falcon | 13 | 1 | 3 | 1 | 10 | 15 April | 30 May |
| Tyrant Flycatchers | Olive-sided Flycatcher | 1 | 1 | 1 | 0 | 2 | 26 May | 27 May |
| Eastern Wood-Pewee | 15 | 1 | 2 | 1 | 12 | 24 May | 10 June |
| Yellow-bellied Flycatcher | 16 | 2 | 4 | 1 | 9 | 22 May | 10 June |
| Traill's Flycatcher  | 9 | 1 | 2 | 1 | 7 | 22 May | 6 June |
| Alder Flycatcher | 1 | 1 | 1 | 1 | 1 | 28 May |  |
| Least Flycatcher | 33 | 2 | 5 | 1 | 13 | 12 May | 31 May |
| Eastern Phoebe | 65 | 2 | 5 | 1 | 39 | 15 April | 10 June |
| Great Crested Flycatcher | 11 | 1 | 2 | 0 | 10 | 26 May | 10 June |
| Eastern Kingbird | 7 | 1 | 1 | 1 | 7 | 16 May | 3 June |
| Vireos | Blue-headed Vireo | 8 | 2 | 2 | 1 | 5 | 9 May | 14 May |
| Philadelphia Vireo | 7 | 7 | 7 | 7 | 1 | 27 May |  |
| Red-eyed Vireo | 169 | 9 | 56 | 1 | 18 | 22 May | 10 June |
| Crows & Jays | Blue Jay | 2686 | 75 | 341 | 1 | 35 | 26 April | 10 June |
| Crows & Jays | American Crow | 357 | 8 | 37 | 1 | 44 | 15 April | 10 June |
| Common Raven | 125 | 3 | 16 | 1 | 43 | 15 April | 10 June |
| Swallows | Tree Swallow | 161 | 4 | 30 | 1 | 44 | 18 April | 10 June |
| N. Rough-winged Swallow | 10 | 3 | 4 | 1 | 4 | 10 May | 8 June |
| Bank Swallow | 3 | 1 | 1 | 1 | 2 | 23 May | 24 May |
| Barn Swallow | 64 | 2 | 5 | 1 | 27 | 19 April | 10 June |
| Chickadees | Black-capped Chickadee | 358 | 8 | 31 | 1 | 45 | 17 April | 10 June |
| Nuthatches | Red-breasted Nuthatch | 348 | 8 | 34 | 1 | 44 | 17 April | 10 June |
| White-breasted Nuthatch | 25 | 4 | 20 | 1 | 6 | 15 April | 27 May |
| Creepers | Brown Creeper | 35 | 3 | 14 | 1 | 12 | 15 April | 13 May |
| Wrens | House Wren | 9 | 1 | 2 | 1 | 8 | 23 April | 10 June |
| Winter Wren | 17 | 1 | 2 | 1 | 15 | 15 April | 10 June |
| Gnatcatchers | Blue-gray Gnatcatcher | 1 | 1 | 1 | 0 | 2 | 27 April | 28 April |
| Kinglets | Golden-crowned Kinglet | 504 | 25 | 99 | 1 | 20 | 15 April | 24 May |
| Ruby-crowned Kinglet | 531 | 17 | 80 | 1 | 31 | 15 April | 27 May |
| Thrushes | Eastern Bluebird | 36 | 2 | 6 | 1 | 16 | 27 April | 9 June |
| Veery | 9 | 2 | 6 | 1 | 4 | 13 May | 9 June |
| Gray-cheeked Thrush | 4 | 2 | 2 | 2 | 2 | 22 May | 29 May |
| Swainson's Thrush | 22 | 4 | 12 | 1 | 5 | 22 May | 8 June |
| Hermit Thrush | 19 | 2 | 4 | 1 | 10 | 15 April | 16 May |
| Wood Thrush | 2 | 1 | 1 | 1 | 1 | 24 May |  |
| American Robin | 203 | 6 | 55 | 1 | 34 | 15 April | 10 June |
| Mockingbirds & Thrashers | Gray Catbird | 9 | 1 | 2 | 1 | 8 | 4 May | 8 June |
| Brown Thrasher | 26 | 1 | 3 | 1 | 16 | 18 April | 10 June |
| Starlings | European Starling | 24 | 3 | 8 | 1 | 9 | 17 April | 28 May |
| Waxwings | Cedar Waxwing | 260 | 17 | 50 | 2 | 13 | 24 May | 10 June |
| Pipits | American Pipit | 28 | 5 | 13 | 1 | 6 | 26 April | 15 May |
| Finches | Purple Finch | 14 | 2 | 4 | 1 | 7 | 19 April | 15 May |
| White-winged Crossbill | 2 | 1 | 1 | 1 | 1 | 24 May |  |
| Pine Siskin | 49 | 3 | 10 | 1 | 19 | 18 April | 7 June |
| American Goldfinch | 322 | 9 | 23 | 1 | 33 | 24 April | 10 June |
| Evening Grosbeak | 6 | 2 | 2 | 1 | 4 | 8 May | 23 May |
| Longspurs & Snow Buntings | Snow Bunting | 8 | 8 | 8 | 8 | 1 | 26 April |  |
| New World Warblers | Ovenbird | 77 | 3 | 10 | 1 | 23 | 10 May | 10 June |
| Northern Waterthrush | 4 | 1 | 1 | 1 | 4 | 10 May | 16 May |
| Black-and-white Warbler | 135 | 4 | 17 | 1 | 30 | 4 May | 10 June |
| Prothonotary Warbler | 1 | 1 | 1 | 1 | 1 | 28 May |  |
| Tennessee Warbler | 8 | 2 | 2 | 1 | 4 | 24 May | 28 May |
| Orange-crowned Warbler | 18 | 3 | 5 | 1 | 7 | 9 May | 16 May |
| Nashville Warbler | 54 | 3 | 14 | 1 | 17 | 6 May | 10 June |
| Mourning Warbler | 11 | 2 | 3 | 1 | 7 | 16 May | 5 June |
| New World Warblers | Common Yellowthroat | 111 | 4 | 10 | 1 | 30 | 10 May | 10 June |
| American Redstart | 532 | 17 | 48 | 1 | 29 | 12 May | 10 June |
| Cape May Warbler | 21 | 2 | 6 | 1 | 9 | 29 April | 28 May |
| Northern Parula | 25 | 3 | 6 | 2 | 7 | 10 May | 3 June |
| Magnolia Warbler | 62 | 4 | 16 | 1 | 16 | 10 May | 3 June |
| Bay-breasted Warbler | 15 | 2 | 4 | 1 | 5 | 12 May | 30 May |
| Blackburnian Warbler | 59 | 3 | 12 | 1 | 15 | 9 May | 29 May |
| Yellow Warbler | 21 | 2 | 4 | 1 | 10 | 12 May | 10 June |
| Chestnut-sided Warbler | 11 | 2 | 6 | 1 | 5 | 13 May | 7 June |
| Blackpoll Warbler | 14 | 2 | 3 | 1 | 7 | 23 May | 3 June |
| Black-throat. Blue Warbler | 59 | 4 | 8 | 1 | 16 | 9 May | 30 May |
| Western Palm Warbler | 464 | 19 | 200 | 1 | 24 | 23 April | 27 May |
| Pine Warbler | 138 | 4 | 14 | 1 | 37 | 17 April | 10 June |
| Myrtle Warbler | 949 | 33 | 300 | 1 | 29 | 19 April | 1 June |
| Black-thr. Green Warbler | 148 | 4 | 14 | 1 | 35 | 27 April | 10 June |
| Wilson's Warbler | 16 | 2 | 3 | 1 | 9 | 23 May | 7 June |
| Canada Warbler | 16 | 2 | 5 | 1 | 7 | 16 May | 29 May |
| Yellow-breasted Chat | 1 | 1 | 1 | 1 | 1 | 27 April |  |
| New World Sparrows | Eastern Towhee | 3 | 1 | 1 | 1 | 3 | 16 May | 30 May |
| American Tree Sparrow | 5 | 1 | 2 | 1 | 4 | 15 April | 23 April |
| Chipping Sparrow | 110 | 3 | 13 | 1 | 36 | 20 April | 10 June |
| Clay-colored Sparrow | 1 | 1 | 1 | 1 | 1 | 16 May |  |
| Field Sparrow | 2 | 1 | 1 | 1 | 2 | 26 April | 3 May |
| Savannah Sparrow | 6 | 2 | 4 | 1 | 3 | 29 April | 22 May |
| Fox Sparrow | 1 | 1 | 1 | 1 | 1 | 4 May |  |
| Song Sparrow | 37 | 1 | 3 | 1 | 28 | 15 April | 9 June |
| Lincoln's Sparrow | 19 | 3 | 13 | 1 | 6 | 10 May | 29 May |
| Swamp Sparrow | 4 | 1 | 1 | 1 | 4 | 15 April | 13 May |
| White-throated Sparrow | 101 | 5 | 21 | 1 | 21 | 17 April | 10 June |
| White-crowned Sparrow | 56 | 6 | 29 | 1 | 9 | 10 May | 6 June |
| Dark-eyed Junco | 79 | 6 | 21 | 1 | 14 | 15 April | 9 May |
| Cardinals & allies | Scarlet Tanager | 7 | 1 | 1 | 1 | 6 | 12 May | 7 June |
| Northern Cardinal | 1 | 1 | 1 | 1 | 1 | 4 June |  |
| Rose-breasted Grosbeak | 25 | 3 | 9 | 1 | 8 | 12 May | 8 June |
| Indigo Bunting | 5 | 1 | 2 | 1 | 3 | 24 May | 9 June |
| New World Blackbirds | Bobolink | 3 | 1 | 1 | 1 | 3 | 12 May | 15 May |
| Red-winged Blackbird | 631 | 20 | 234 | 1 | 31 | 15 April | 8 June |
| Eastern Meadowlark | 7 | 2 | 4 | 1 | 4 | 19 April | 3 June |
| Rusty Blackbird | 41 | 6 | 17 | 1 | 7 | 25 April | 31 May |
| Common Grackle | 1429 | 43 | 560 | 1 | 42 | 15 April | 10 June |
| Brown-headed Cowbird | 8 | 4 | 5 | 3 | 2 | 7 May | 10 May |
| Baltimore Oriole | 8 | 2 | 3 | 1 | 4 | 12 May | 26 May |

Table 3. Banding total of species in spring 2017 at CHRS, 2002-2016 average (and standard deviation), maximum and minimum totals and their respective year.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Species | 2017 | average | sdev | Max | Year | Min | Year |
| Sharp-shinned Hawk | 21 | 20 | 7 | 34 | 2011 | 10 | 2004-2005 |
| Yellow-Shafted Flicker | 2 | 5 | 3 | 12 | 2007 | 1 |  |
| Pileated Woodpecker | 1 |  |  | 1 | 2010-2011 |  |  |
| Yellow-bellied Flycatcher | 14 | 13 | 7 | 22 | 2005 | 3 | 2014 |
| Traill’s Flycatcher | 8 | 16 | 9 | 32 | 2009 | 4 | 2014 |
| Least Flycatcher | 12 | 14 | 5 | 22 | 2004 | 8 | 2006 |
| Eastern phoebe | 7 | 5 | 3 | 11 | 2016 | 1 | 2010-2012 |
| Blue-headed Vireo | 3 | 4 | 2 | 8 | 2014 | 1 | 2005 |
| Red-eyed Vireo | 11 | 16 | 8 | 31 | 2013 | 9 | 2010 |
| Blue Jay | 18 | 68 | 93 | 88 | 2004 | 10 | 2011 |
| Black-capped Chickadee | 14 | 54 | 96 | 342 | 2002 | 4 | 2003-2005 |
| Red-breasted Nuthatch | 24 | 8 | 8 | 27 | 2013 | 1 | 2003-2014 |
| White-breasted Nuthatch | 1 |  |  | 1 | 2004 |  |  |
| Brown Creeper | 24 | 46 | 50 | 200 | 2016 | 6 | 2002-2009 |
| House Wren | 2 | 2 | 1 | 3 | 2002 |  |  |
| Golden-crowned Kinglet | 136 | 143 | 185 | 666 | 2016 | 3 | 2008 |
| Ruby-crowned Kinglet | 119 | 133 | 77 | 258 | 2014 | 54 | 2012 |
| Veery | 8 | 10 | 6 | 21 | 2006 | 1 | 2002 |
| Gray-cheeked Thrush | 4 | 3 | 2 | 8 | 2010 | 1 | 2002-06-08 |
| Swainson’s Thrush | 23 | 26 | 10 | 43 | 2011 | 12 | 2004 |
| Hermit Thrush | 10 | 15 | 6 | 30 | 2016 | 6 | 2004 |
| Wood Thrush | 1 | 3 | 2 | 6 | 2016 | 1 | many years |
| American Robin | 2 | 7 | 4 | 15 | 2014 | 3 | 2008 |
| Gray Catbird | 1 | 12 | 5 | 19 | 2016 | 3 | 2013 |
| Brown Thrasher | 1 | 6 | 3 | 12 | 2008 | 2 | 2007 |
| Tennessee Warbler | 1 | 2 | 2 | 6 | 2002 | 1 | many years |
| Orange-crowned Warbler | 8 | 9 | 8 | 29 | 2002 | 1 | 2014 |
| Nashville Warbler | 11 | 48 | 54 | 227 | 2002 | 18 | 2004 |
| Chestnut-sided Warbler | 4 | 15 | 6 | 26 | 2002 | 8 | 2008 |
| Magnolia Warbler | 29 | 96 | 39 | 184 | 2002 | 53 | 2013 |
| Cape May Warbler | 3 | 4 | 3 | 9 | 20021 |  | 2003-2011 |
| Black-throated Blue Warbler | 24 | 27 | 11 | 64 | 2003 | 18 | 2005 |
| Myrtle Warbler | 30 | 62 | 59 | 244 | 2002 | 21 | 2011 |
| Black-throated Green Warbler | 13 | 25 | 7 | 38 | 2002 | 15 | 2005 |
| Blackburnian Warbler | 2 | 5 | 4 | 13 | 2002 | 1 | 2014 |
| Pine Warbler | 10 | 2 | 1 | 4 | 2002-2011 | 1 | many years |
| Palm Warbler | 56 | 73 | 49 | 216 | 2002 | 37 | 2014 |
| Black and White Warbler | 45 | 55 | 19 | 85 | 2014 | 31 | 2008 |
| American Redstart | 74 | 193 | 44 | 273 | 2009 | 146 | 2011 |
| Ovenbird | 26 | 30 | 10 | 53 | 2016 | 19 | 2011 |
| Northern Waterthrush | 3 | 4 | 3 | 13 | 2010 | 1 | 2008 |
| Mourning Warbler | 8 | 9 | 4 | 17 | 2009 | 2 | 2014 |
| Common Yellowthroat | 32 | 38 | 13 | 56 | 2002 | 23 | 2007-2012 |
| Species | 2017 | average | sdev | Max | Year | Min | Year |
| Wilson’s Warbler | 5 | 16 | 7 | 32 | 2002 | 6 | 2014 |
| Canada Warbler | 10 | 17 | 5 | 24 | 2013 | 11 | 2008 |
| Yellow-breasted Chat | 1 |  |  |  |  |  |  |
| Scarlet Tanager | 2 | 2 | 1 | 3 | 2016 |  |  |
| American Tree Sparrow | 1 | 11 | 13 | 42 | 2014 | 1 | 2010 |
| Chipping Sparrow | 16 | 26 | 29 | 47 | 2002 | 7 | 2008 |
| Clay-coloured Sparrow | 1 | 2 | 1 |  |  |  |  |
| Field Sparrow | 1 | 4 | 8 | 26 | 2013 |  |  |
| Savannah Sparrow | 1 | 3 | 3 | 10 | 2014 | 1 | many years |
| Song Sparrow | 5 | 14 | 7 | 26 | 2009 | 4 | 2010 |
| Lincoln’s Sparrow | 18 | 12 | 7 | 25 | 2005 | 4 | 2012 |
| Swamp Sparrow | 4 | 6 | 3 | 13 | 2016 | 3 | 2002-2015 |
| White-throated Sparrow | 34 | 60 | 23 | 104 | 2016 | 25 | 2004 |
| Eastern White-crowned Sparrow | 20 | 27 | 18 | 69 | 2005 | 4 | 2011 |
| Gambell's White-crowned Sparrow | 1 |  |  | 2 | 2004 |  |  |
| Slate-coloured Junco | 22 | 60 | 39 | 150 | 2007 | 15 | 2010 |
| Rose-breasted Grosbeak | 3 | 5 | 4 | 18 | 2014 | 1 | 2002-07-15 |
| Indigo Bunting | 1 | 3 | 2 | 3 | 2009 | 1 | 2003-2012 |
| Common Grackle | 1 |  |  | 3 | 2014 | 1 | 2004-2011 |
| Pine Siskin | 3 |  |  | 3 | 2009-2016 |  |  |
| Total | 996 | 1575 | 471 | 2622 | 2002 | 876 | 2015 |

stdev = standard deviation.

Table 4. Estimated Total of species observed in fall 2017 at Cabot Head Research Station, with daily average, maximum and minimum daily ET, and dates of first and last observation.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group | Species | Season Total | Average | Max Daily | Min Daily | Dayswith obs. | First date | Last date |
| Ducks, Geese & Swans | Canada Goose | 1335 | 58 | 684 | 1 | 23 | 24 Au. | 18 Oc. |
| Mallard | 5 | 2 | 3 | 1 | 3 | 27 Au. | 10 Oc. |
| Green-winged Teal | 18 | 6 | 15 | 1 | 3 | 24 Au. | 10 Oc. |
| Surf Scoter | 2 |  |  |  | 1 | 18 Oc. |  |
| White-winged Scoter | 24 | 12 | 21 | 3 | 2 | 18 Oc. | 19 Oc. |
| Long-tailed Duck | 6 | 3 | 5 | 1 | 2 | 16 Oc. | 23 Oc. |
| Hooded Merganser | 32 | 3 | 6 | 1 | 11 | 16 Au. | 1 Oc. |
| Common Merganser | 36 | 2 | 5 | 1 | 16 | 24 Au. | 23 Oc. |
| Red-breasted Merganser | 26 |  |  |  | 1 | 18 Oc. |  |
| Grouse & Turkeys | Ruffed Grouse | 28 | 2 | 7 | 1 | 15 | 5 Se. | 22 Oc. |
| Wild Turkey | 1 |  |  |  | 1 | 23 Oc. |  |
| Grebes | Horned Grebe | 5 | 2 | 3 | 1 | 3 | 9 Oc. | 20 Oc. |
| Red-necked Grebe | 34 | 11 | 27 | 3 | 3 | 25 Au. | 18 Oc. |
| Pigeons and Doves | Mourning Dove | 2 |  |  |  | 2 | 20 Au. | 10 Se. |
| Goatsuckers | Eastern Whip-poor-will | 2 |  |  |  | 2 | 2 Se. | 24 Se. |
| Swifts | Chimney Swift | 1 |  |  |  |  | 4 Se. |  |
| Hummingbirds | Ruby-throated Hummingbird | 72 | 3 | 7 | 1 | 28 | 15 Au. | 15 Se. |
| Cranes | Sandhill Crane | 6 | 2 | 2 | 2 | 3 | 16 Se. | 24 Se. |
| Sandpipers & Phalaropes | Greater Yellowlegs | 6 | 1 | 2 | 1 | 5 | 25 Au. | 6 Oc. |
| Lesser Yellowlegs |  |  |  |  |  |  |  |
| Spotted Sandpiper | 6 | 1 | 1 | 1 | 6 | 21 Au. | 23 Se. |
| American Woodcock | 1 |  |  |  | 1 | 31 Au. |  |
| Gulls & Terns | Ring-billed Gull | 438 | 8 | 47 | 1 | 55 | 16 Au. | 23 Oc. |
| Herring Gull | 43 | 2 | 6 | 1 | 21 | 19 Au. | 23 Oc. |
| Common Tern | 4 | 1 | 2 | 1 | 3 | 15 Au. | 25 Se. |
| Loons | Common Loon | 138 | 4 | 39 | 1 | 31 | 19 Au. | 21 Oc. |
| Cormorants | Double-crested Cormorant | 182 | 8 | 37 | 1 | 23 | 15 Au. | 21 Se. |
| Herons & Bitterns | Great Blue Heron | 18 | 1 | 2 | 1 | 14 | 17 Au. | 23 Se. |
| Vultures | Turkey Vulture | 45 | 2 | 8 | 1 | 22 | 17 Au. | 14 Oc. |
| Hawks, Kites & Eagles | Bald Eagle | 76 | 2 | 5 | 1 | 46 | 15 Au. | 22 Oc. |
| Northern Harrier | 3 | 2 | 2 | 1 | 2 | 10 Se. | 23 Oc. |
| Sharp-shinned Hawk | 10 | 1 | 1 | 1 | 10 | 15 Au. | 13 Oc. |
| Broad-winged Hawk | 27 | 5 | 14 | 1 | 5 | 29 Au. | 6 Se. |
| Red-tailed Hawk | 2 | 1 | 1 | 1 | 2 | 30 Au. | 2 Se. |
| Typical Owls | Short-eared Owl | 1 |  |  |  | 1 | 18 Oc. |  |
| Kingfishers | Belted Kingfisher | 41 | 1 | 3 | 1 | 32 | 18 Au. | 10 Oc. |
| Woodpeckers | Red-bellied Woodpecker | 1 | 1 | 1 | 1 | 1 | 1 Oc. |  |
| Yellow-bellied Sapsucker | 4 | 1 | 1 | 1 | 4 | 23 Se. | 5 Oc. |
| Downy Woodpecker | 86 | 2 | 6 | 1 | 36 | 30 Au. | 22 Oc. |
| Hairy Woodpecker | 16 | 1 | 2 | 1 | 13 | 30 Au. | 19 Oc. |
| Northern Flicker | 113 | 3 | 8 | 1 | 44 | 15 Au. | 18 Oc. |
| Pileated Woodpecker | 20 | 1 | 2 | 1 | 18 | 30 Au. | 18 Oc. |
| Falcons | Merlin | 17 | 1 | 2 | 1 | 15 | 15 Au. | 23 Oc. |
| Tyrant Flycatchers | Yellow-bellied Flycatcher | 5 | 1 | 1 | 1 | 5 | 24 Au. | 20 Se. |
| Traill's Flycatcher  | 2 | 1 | 1 | 1 | 2 | 18 Au. | 30 Au. |
| Least Flycatcher | 2 | 1 | 1 | 1 | 2 | 16 Au. | 6 Se. |
| Eastern Phoebe | 7 | 2 | 5 | 1 | 3 | 24 Se. | 10 Oc. |
| Eastern Kingbird | 8 | 1 | 2 | 1 | 7 | 15 Au. | 5 Se. |
| Vireos | Blue-headed Vireo | 4 | 1 | 1 | 1 | 4 | 9 Se. | 23 Se. |
| Warbling Vireo | 1 |  |  |  | 1 | 3 Se. |  |
| Philadelphia Vireo | 8 |  |  |  | 1 | 10 Se. |  |
| Red-eyed Vireo | 161 | 5 | 20 | 1 | 34 | 15 Au. | 2 Oc. |
| Crows & Jays | Blue Jay | 1212 | 22 | 165 | 1 | 55 | 15 Au. | 21 Oc. |
| American Crow | 58 | 2 | 8 | 1 | 27 | 15 Au. | 20 Oc. |
| Common Raven | 63 | 2 | 4 | 1 | 37 | 15 Au. | 23 Oc. |
| Larks | Horned Lark | 8 | 2 | 2 | 1 | 5 | 14 Se. | 28 Se. |
| Swallows | Tree Swallow | 3 | 2 | 2 | 1 | 2 | 17 Au. | 21 Au. |
| Barn Swallow | 6 | 3 | 5 | 1 | 2 | 17 Au. | 24 Au. |
| Chickadees | Black-capped Chickadee | 617 | 11 | 37 | 1 | 55 | 15 Au. | 23 Oc. |
| Nuthatches | Red-breasted Nuthatch | 841 | 13 | 46 | 1 | 63 | 15 Au. | 23 Oc. |
| White-breasted Nuthatch | 2 | 1 | 1 | 1 | 2 | 30 Au. | 6 Se. |
| Creepers | Brown Creeper | 21 | 2 | 5 | 1 | 11 | 14 Se. | 20 Oc. |
| Wrens | House Wren | 2 | 1 | 1 | 1 | 2 | 27 Au. | 17 Se. |
| Winter Wren | 17 | 1 | 3 | 1 | 13 | 23 Se. | 18 Oc. |
| Gnatcatchers | Blue-gray Gnatcatcher | 3 | 2 | 2 | 1 | 2 | 2 Se. | 3 Se. |
| Kinglets | Golden-crowned Kinglet | 658 | 24 | 94 | 1 | 27 | 14 Se. | 23 Oc. |
| Ruby-crowned Kinglet | 71 | 3 | 10 | 1 | 21 | 23 Se. | 20 Oc. |
| Thrushes | Townsend's Solitaire | 1 |  |  |  | 1 | 1 Oc. |  |
| Eastern Bluebird | 1 | 1 | 1 | 1 | 1 | 20 Au. |  |
| Veery | 3 | 1 | 1 | 1 | 3 | 26 Au. | 18 Se. |
| Gray-cheeked Thrush | 30 | 2 | 11 | 1 | 13 | 31 Au. | 24 Se. |
| Swainson's Thrush | 68 | 3 | 11 | 1 | 22 | 3 Se. | 3 Oc. |
| Hermit Thrush | 16 | 2 | 3 | 1 | 9 | 26 Se. | 13 Oc. |
| Wood Thrush | 1 |  |  |  | 1 | 7 Se. |  |
| American Robin | 83 | 3 | 8 | 1 | 33 | 15 Au. | 20 Oc. |
| Mockingbirds & Thrashers | Gray Catbird | 9 | 1 | 2 | 1 | 7 | 21 Se. | 18 Oc. |
| Brown Thrasher | 1 |  |  |  | 1 | 13 Se. |  |
| Waxwings | Cedar Waxwing | 353 | 10 | 32 | 1 | 34 | 15 Au. | 28 Se. |
| Pipits | American Pipit | 16 | 2 | 5 | 1 | 9 | 15 Se. | 20 Oc. |
| Finches | Purple Finch | 5 | 1 | 1 | 1 | 5 | 29 Au. | 18 Oc. |
| White-winged Crossbill | 28 | 7 | 13 | 1 | 4 | 16 Au. | 20 Oc. |
| Pine Siskin | 1754 | 65 | 515 | 1 | 27 | 11 Se, | 23 Oc. |
| American Goldfinch | 196 | 6 | 29 | 1 | 33 | 15 Au. | 23 Oc. |
|  | Ovenbird | 34 | 2 | 8 | 1 | 15 | 21 Au. | 20 Se. |
| Northern Waterthrush | 5 | 1 | 1 | 1 | 5 | 16 Au. | 23 Se. |
| New World Warblers | Black-and-white Warbler | 82 | 3 | 10 | 1 | 30 | 15 Au. | 21 Se. |
| Tennessee Warbler | 5 | 1 | 2 | 1 | 4 | 3 Se. | 3 Oc. |
| Orange-crowned Warbler | 18 | 2 | 3 | 1 | 9 | 23 Se. | 14 Oc. |
| Nashville Warbler | 25 | 1 | 3 | 1 | 17 | 18 Au. | 14 Oc. |
| Mourning Warbler | 6 | 1 | 1 | 1 | 6 | 15 Se. | 23 Se. |
| Common Yellowthroat | 138 | 4 | 16 | 1 | 39 | 15 Au. | 14 Oc. |
| American Redstart | 397 | 10 | 28 | 1 | 38 | 15 Au. | 24 Se. |
| Cape May Warbler | 15 | 2 | 4 | 1 | 9 | 15 Au. | 10 Se. |
| Northern Parula | 2 | 1 | 1 | 1 | 2 | 10 Se. | 16 Oc. |
| Magnolia Warbler | 27 | 2 | 6 | 1 | 16 | 15 Au. | 5 Oc. |
| Bay-breasted Warbler | 7 | 1 | 2 | 1 | 5 | 30 Au. | 15 Se. |
| Blackburnian Warbler | 4 | 1 | 2 | 1 | 3 | 16 Au. | 28 Au. |
| Yellow Warbler | 5 | 2 | 2 | 1 | 3 | 15 Au. | 14 Se. |
| Chestnut-sided Warbler | 9 | 2 | 4 | 1 | 5 | 26 Au. | 10 Se. |
| Blackpoll Warbler | 15 | 2 | 6 | 1 | 9 | 4 Se. | 1 Oc. |
| Black-throat. Blue Warbler | 19 | 1 | 2 | 1 | 16 | 17 Au. | 3 Oc. |
| Western Palm Warbler | 58 | 3 | 12 | 0 | 18 | 1 Se. | 11 Oc. |
| Pine Warbler | 13 | 2 | 4 | 1 | 8 | 17 Au. | 1 Oc. |
| Myrtle Warbler | 389 | 7 | 26 | 1 | 57 | 15 Au. | 23 Oc. |
| Black-thr. Green Warbler | 182 | 5 | 43 | 1 | 34 | 15 Au. | 5 Oc. |
| Wilson's Warbler | 4 | 1 | 1 | 1 | 4 | 25 Au. | 11 Se. |
| Canada Warbler | 4 | 1 | 2 | 1 | 3 | 25 Au. | 10 Se. |
| New World Sparrows | American Tree Sparrow | 3 | 2 | 2 | 1 | 2 | 16 Oc. | 20 Oc. |
| Chipping Sparrow | 4 | 1 | 1 | 1 | 4 | 4 Se. | 19 Oc. |
| Savannah Sparrow | 1 |  |  |  | 1 | 6 Se. |  |
| Song Sparrow | 78 | 2 | 7 | 1 | 36 | 15 Au. | 19 Oc. |
| Lincoln's Sparrow | 7 | 1 | 2 | 1 | 6 | 15 Se. | 28 Se. |
| Swamp Sparrow | 6 | 3 | 5 | 1 | 2 | 6 Oc. | 9 Oc. |
| White-throated Sparrow | 99 | 5 | 13 | 1 | 22 | 9 Se. | 20 Oc. |
| White-crowned Sparrow | 54 | 3 | 8 | 1 | 17 | 14 Se. | 16 Oc. |
| Dark-eyed Junco | 176 | 8 | 42 | 1 | 23 | 9 Se. | 23 Oc. |
| Cardinals & allies | Scarlet Tanager | 2 | 1 | 1 | 1 | 2 | 24 Au. | 28 Au. |
| New World Blackbirds | Red-winged Blackbird | 5 | 1 | 1 | 1 | 5 | 4 Se. | 28 Se. |
| Rusty Blackbird | 20 | 3 | 4 | 1 | 8 | 18 Se. | 11 Oc. |
| Common Grackle | 1 |  |  |  | 1 | 3 Oc. |  |
| Baltimore Oriole | 2 | 1 | 1 | 1 | 2 | 25 Au. | 26 Au. |

Table 5. Banding total of species in fall 2017 at CHRS, 2002-2015 average (and standard deviation), maximum and minimum totals and their respective year.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group | Species | 2017 | Av. ± stdev | Max. | Year | Min. | Year | # |
| Hawks | Sharp-shinned Hawk | 3 | 2,9 ± 1,3 | 5 | 2011 - 2013 | 1 | 2009 - 2012 | 15 |
| Kingfishers | Belted Kingfisher | 2 | 1,5 ± 0,8 | 3 | 2013 | 1 | several years | 9 |
| Woodpeckers | Yellow-bellied Sapsucker | 1 | 1,7 ± 0,8 | 3 | 2011 - 2014 | 1 | several years | 11 |
| Downy Woodpecker | 5 | 9,9 ± 7,9 | 31 | 2009 | 2 | 2002 | 16 |
| Hairy Woodpecker | 1 | 5,9 ± 2,9 | 12 | 2007 | 2 | 2005 - 2015 | 14 |
| Yellow-Shafted Flicker | 5 | 4,1 ± 2,2 | 8 | 2012 - 2016 | 1 | 2005 | 15 |
| Pileated Woodpecker | 1 | 1,1 ± 0,4 | 2 | 2015 |  |  | 9 |
| Flycatchers | Yellow-bellied Flycatcher | 4 | 2,6 ± 1,7 | 7 | 2014 | 1 | several years | 14 |
| Traill’s Flycatcher | 2 | 6,5 ± 3,8 | 16 | 2007 | 1 | 2011 | 16 |
| Eastern phoebe | 1 | 2,3 ± 1,2 | 4 | 2008 |  |  | 10 |
| Vireos | Blue-headed Vireo | 3 | 6,4 ± 3,7 | 13 | 2015 | 1 | 2002 - 2007 | 16 |
| Philadelphia Vireo | 2 | 2,7 ± 1,8 | 6 | 2016 | 1 | several years | 12 |
| Red-eyed Vireo | 33 | 83,7 ± 52,8 | 239 | 2005 | 24 | 2009 | 16 |
| Jays | Blue Jay | 5 | 5,1 ± 3,7 | 16 | 2014 | 1 | 2007 | 15 |
| Chickadees | Black-capped Chickadee | 14 | 165,3 ± 182,4 | 717 | 2005 | 11 | 2015 | 16 |
| Nuthatches | Red-breasted Nuthatch | 44 | 49,2 ± 43,2 | 160 | 2012 | 10 | 2015 | 16 |
| Creepers | Brown Creeper | 19 | 42,8 ± 18,1 | 75 | 2016 | 19 | 2009 | 16 |
| Wrens | Winter Wren | 5 | 4,6 ± 2,3 | 8 | 2007/08/13 | 1 | 2003 | 15 |
| Kinglets | Golden-crowned Kinglet | 208 | 329,3 ± 173,0 | 758 | 2013 | 113 | 2005 | 16 |
| Ruby-crowned Kinglet | 26 | 61,3 ± 30,7 | 122 | 2003 | 20 | 2005 | 16 |
| Thrushes | Veery | 3 | 4,3 ± 2,7 | 8 | 2016 | 1 | 2010 | 13 |
| Gray-cheeked Thrush | 26 | 14,7 ± 9,0 | 23 | 2016 | 6 | 2010 | 16 |
| Swainson’s Thrush | 49 | 33,8 ± 20,7 | 79 | 2015 | 10 | 2006 | 16 |
| Hermit Thrush | 15 | 40,5 ± 18,9 | 87 | 2011 | 16 | 2002 | 16 |
| Wood Thrush | 1 | 1,3 ± 0,6 | 2 | 2005 |  |  | 4 |
| American Robin | 7 | 17,7 ± 8,5 | 36 | 2006 | 1 | 2007 | 16 |
| Mockingbirds | Gray Catbird | 5 | 5,4 ± 3,0 | 17 | 2002 | 2 | 2010/14/16 | 16 |
| Waxwings | Cedar Waxwing | 5 | 35,8 ± 35,6 | 117 | 2005 | 1 | 2014 | 15 |
| Finches | Purple Finch | 2 | 4,6 ± 4,8 | 17 | 2011 | 1 | 2012 - 2016 | 15 |
| New World Warblers | Ovenbird | 20 | 18,1 ± 5,6 | 31 | 2012 | 10 | 2007 | 16 |
| Northern Waterthrush | 4 | 6,5 ± 3,8 | 15 | 2010 | 1 | 2005 | 16 |
| Black and White Warbler | 31 | 23,7 ± 7,5 | 37 | 2013 | 12 | 2006 - 2007 | 16 |
| Tennessee Warbler | 5 | 11,3 ± 13,0 | 44 | 2005 | 2 | 2009 | 15 |
| Orange-crowned Warbler | 17 | 15,3 ± 8,6 | 28 | 2014 | 3 | 2005 | 16 |
| Nashville Warbler | 14 | 35,3 ± 15,4 | 78 | 2005 | 19 | 2010 | 16 |
| Mourning Warbler | 1 | 2,5 ± 0,9 | 4 | 2009 - 2012 | 1 | 2002 | 12 |
| Common Yellowthroat | 27 | 25,2 ± 6,6 | 39 | 2010 | 17 | 2008 | 16 |
| American Redstart | 96 | 98,5 ± 45,4 | 198 | 2003 | 44 | 2007 | 16 |
| Cape May Warbler | 12 | 2,2 ± 1,8 | 7 | 2015 | 1 | several years | 12 |
| New World Warblers | Magnolia Warbler | 14 | 22,3 ± 5,0 | 34 | 2005 | 16 | 2012 - 2013 | 16 |
| Bay-breasted Warbler | 2 | 6,5 ± 5,5 | 23 | 2016 | 1 | 2009 | 14 |
| Yellow Warbler | 2 | 3,8 ± 3,2 | 13 | 2003 | 1 | several years | 16 |
| Chestnut-sided Warbler | 1 | 2,0 ± 1,2 | 5 | 2002 | 1 | several years | 14 |
| Blackpoll Warbler | 8 | 12,9 ± 8,4 | 31 | 2015 | 5 | 2006 | 16 |
| Black-thr. Blue Warbler | 16 | 13,1 ± 5,0 | 22 | 2002 | 2 | 2014 | 16 |
| Western Palm Warbler | 2 | 7,7 ± 5,7 | 22 | 2012 | 1 | 2004 | 16 |
| Pine Warbler | 2 | 1,7 ± 0,8 | 3 | 2011 |  |  | 8 |
| Myrtle Warbler | 59 | 81,8 ± 44,5 | 204 | 2005 | 34 | 2004 | 16 |
| Black-thr. Green Warbler | 62 | 58,4 ± 35,2 | 120 | 2002 | 14 | 2016 | 16 |
| Wilson’s Warbler | 2 | 7,1 ± 2,9 | 12 | 2009 | 2 | 2004 | 16 |
| Canada Warbler | 2 | 4,0 ± 2,0 | 8 | 2002 | 1 | 2004 - 2006 | 16 |
| New World Sparrows | American Tree Sparrow | 2 | 31,7 ± 26,5 | 94 | 2015 | 11 | 2002 | 16 |
| Chipping Sparrow | 1 | 2,6 ± 1,8 | 7 | 2015 | 1 | 2003/07/14 | 15 |
| Savannah Sparrow | 1 | 2,8 ± 2,2 | 8 | 2007 |  |  | 10 |
| Song Sparrow | 8 | 13,4 ± 5,1 | 28 | 2002 | 7 | 2015 | 16 |
| Lincoln’s Sparrow | 4 | 6,1 ± 3,1 | 13 | 2010 | 2 | 2003 | 15 |
| Swamp Sparrow | 6 | 4,2 ± 2,4 | 11 | 2003 | 1 | 2015 | 16 |
| White-throated Sparrow | 32 | 79,9 ± 45,4 | 199 | 2005 | 39 | 2007 | 16 |
| E. White-crowned Sparrow | 22 | 50,5 ± 29,3 | 126 | 2007 | 11 | 2013 | 16 |
| Slate-coloured Junco | 64 | 87,1 ± 27,2 | 141 | 2015 | 47 | 2002 | 16 |
| Cardinals | Scarlet Tanager | 1 | 1,6 ± 0,5 | 2 | several years | 1 | 2002/10/16 | 9 |
| Total of banded birds | 1037 | 1757,8 ± 314,3 | 2477 | 2005 | 1418 | 2007 | 14 |
| Number of species banded | 61 |

Record for fall 2017: highest number highlighted in red; lowest number highlighted in yellow; tie in orange.

Black-thr. Blue Warbler: Black-throated Blue Warbler

Black-thr. Green Warbler: Black-throated Green Warbler

E. White-crown. Sparrow: Eastern White-crowned Sparrow

Av. ± stdev.: Average ± standard deviation

Max. : Maximum; Min.: Minimum

# : number of fall seasons with banding