

Observations from the 2002 North American Migration Count

by Bill Etter

Overview

Pennsylvania's eleventh North American Migration Count (NAMC) was our most successful effort yet! Participation in the count continues to grow, and on 11 May 2002, Pennsylvania's birders once again racked up record-breaking totals. Pennsylvania broke the '1,000 birder barrier' for the first time, with 1,017 observers participating statewide. This total blows away the previous high mark of 901 from last year. Data was received from 59 of Pennsylvania's 67 counties, compared to the previous record of 47 counties from 1998. With such enthusiastic participation, it's little surprise that we achieved yet another record: 240 total species is our new top count, edging out the previous record of 239 from 1998. A total of 3,287 hours were spent in the field, and over a quarter million birds were tallied (258,412 to be specific). Pennsylvania's birders did a fine job of getting out to their favorite spots and finding the wide array of our feathered friends that occur here each spring. Congratulations to all who participated on a job well done!

Weather

Many of this year's high totals can be attributed to the fact that, in a welcomed break from recent NAMC tradition, it didn't rain on count day! In fact, the weather was nearly all one could hope it would be for a fine day of spring birding. Temperatures were 30-40 F degrees at dawn. Afternoon highs were in the mid-50s across the northern regions of the state, and about ten degrees warmer in the south. Light cloud cover increased to heavy across much of the state by late afternoon.

Participation

Goals for this year's NAMC were for 1,000 contributors in 50 counties finding 240 species. All marks were nicely met or topped. As the

popularity of our pastime (sport, hobby, habit...whatever you prefer...) continues to grow, so grows the level of participation in the North American Migration Count. While reports were received from 59 counties, several of these were represented by only one or two participants. Many of the state's more remote areas continue to go unmonitored, but overall coverage continues to improve annually. Franklin once again led the way with a record 87 participants (Table 1). A dozen counties fielded over thirty participants, and five more fielded over twenty. A total of thirteen counties had three or fewer observers, and lone counters represented seven counties. No reports were received from Cameron, Clinton, Columbia, Monroe, Somerset, Sullivan, Union, or Warren.

Table 1. The most participants.

1. Franklin	87
2. Bucks	67
3. Schuylkill	54
4. Indiana	63
5. Allegheny	51
6. Chester	50
Dauphin	50
8. Lancaster	47
9. Westmoreland	39
10. Bedford	37

Franklin also racked up the most hours in the field, with 321 hours (Table 2). Twelve counties contributed over 100 hours. The average contribution was 55.7 hours per county.

Table 2. Counties with the most hours (compared to ranking of number of participants)

1. Franklin	321 (1)
2. Indiana	240 (4)
3. Bucks	164 (2)
4. Schuylkill	156 (3)
5. Westmoreland	140 (9)
6. Dauphin	130 (6-tie)
7. Greene	129 (11)

8. Lancaster	127 (8)
9. Chester	145 (6-tie)
10. Bedford	112 (10)

A few big day efforts are worthy of note. Dan Snell and Mick Brown each put in over eleven hours, running full day routes in Fulton and Snyder, respectively (Table 3a.). In Fulton, Dan recorded 897 birds of 111 species, while Mick had 973 birds of 64 species in Snyder. In Blair, Marcia Bonta birded her mountaintop property for over ten hours, noting birds of 59 species. Countless others across the state undoubtedly performed similar acts of birding devotion. Among the counties that fielded twenty or more participants (Table 3b.), Centre put forth the greatest collective effort with an average of 4.4 hours per observer. Statewide, NAMC participants averaged 3.2 hours in the field.

Table 3a. Greatest effort (hours/observer), with number of participants noted.

1. Tioga	12.2 (5)
2. Fulton	11.0 (1)
3. Blair	10.8 (1)
4. Snyder	10.5 (1)
5. Lawrence	9.9 (3)
6. Bradford	6.8 (5)
7. Forest	6.5 (3)
8. Huntingdon	6.4 (6)
9. Clearfield	6.1 (6)
10. Jefferson	6.0 (2)

Table 3b. Greatest effort (hours/observer for 20+ participants), with number of participants noted:

1. Centre	4.4 (20)
2. Luzerne	4.2 (24)
3. Indiana	3.8 (63)
4. Franklin	3.7 (87)
5. Greene	3.7 (35)
6. Westmoreland	3.6 (39)
7. Juniata	3.3 (26)
8. Berks	3.2 (34)

9. Delaware	3.2 (21)
10. Bedford	3.0 (37)

Species Lists

As in the past several counts, Lancaster held a greater variety of birds than any other count area. This year, Lancaster birders took top count honors by recording an amazing 172 species; a nice one day count by any measure! Lancaster's previous high count was 166 species in 2000. Over 100 species were recorded in 37 different counties, and 11 counties topped 150 species (Table 4).

Table 4. Top counts

1. Lancaster	172
2. Bucks	162
Franklin	162
4. Luzerne	160
5. Schuylkill	158
6. Westmoreland	156
7. Indiana	155
8. Butler	152
Dauphin	152
10. Berks	151

In 2001, three counties (Franklin, Indiana and Lancaster) dominated the list of the most 'high counts' of individual species. This year's list is a bit more filled out (Table 5).

Table 5. Most high counts of individual species

1. Bucks	29 (including 3 ties)
2. Lancaster	25 (5 ties)
3. Greene	23 (1 tie)
4. Franklin	23 (4 ties)
5. Indiana	21 (6 ties)
6. Juniata	20 (1 tie)
7. Erie	11 (1 tie)
8. Butler	11 (2 ties)
9. Schuylkill	11 (4 ties)
10. Luzerne	11 (5 ties)

Thirteen counties turned up species unique to their count this year, but only four could boast of multiple state exclusives (Table 6). Nine counties tallied one state exclusive (Cumberland, Dauphin, Erie, Franklin, Greene, Lawrence, Luzerne, Montgomery, and York).

Table 6. Counties containing the

most unique species.

1. Bucks	3
Lancaster	3
Schuylkill	3
4. Forest	2
5. Nine counties	1

This year's most ubiquitous NAMC bird in Pennsylvania was American Robin (Table 7). 16,770 were counted, and the species was noted in all 59 participating counties. The only other species found in all 59 counties was Northern Cardinal (Table 8), which was the thirteenth most common bird overall. The fact that some of our most common species were not even encountered in some areas (no American Crows in two counties, no Blue Jays in two others...) clearly demonstrates the definite lack of coverage in many parts of the state. Of the ten most abundant species from this year's count, Tree Swallow was our only long distant migrant.

Table 7. Most abundant species (total individuals).

1. American Robin	16,770
2. European Starling	12,514
3. Common Grackle	12,011
4. Red-winged Blackbird	11,645
5. Canada Goose	10,388
6. Tree Swallow	8,471
7. Gray Catbird	7,603
8. American Goldfinch	7,175
9. American Crow	6,682
10. Blue Jay	6,277

Table 8. Most widely distributed species (compared to overall abundance ranking).

1. American Robin	59 (1)
Northern Cardinal	59 (13)
3. Gray Catbird	58 (7)
Chipping Sparrow	58 (18)
5. Mourning Dove	57 (15)
Eastern Phoebe	57 (42)
Blue Jay	57 (10)
American Crow	57 (9)
Tufted Titmouse	57 (28)
Yellow Warbler	57 (22)
Red-winged Blackbird	57 (4)
American Goldfinch	57 (8)
13. Canada Goose	56 (5)

Common Yellowthroat	56 (20)
15. Common Grackle	56 (3)

Of the twenty most abundant neotropical migrants, nineteen were repeats from the 2001 list (Table 9). Last year's tenth most abundant species, Bank Swallow was bumped down to #21, while Magnolia Warbler was added at #17. All of this year's top twenty neotropical migrants nest within the state.

Table 9. Most abundant neotropical migrants (compared to 2001 ranking, where known).

1. Barn Swallow	6,212 (1)
2. Chimney Swift	4,351 (7)
3. Baltimore Oriole	3,878 (6)
4. Wood Thrush	3,765 (4)
5. Yellow Warbler	3,710 (5)
6. Red-eyed Vireo	3,686 (2)
7. Ovenbird	3,431 (3)
8. Indigo Bunting	2,189 (8)
9. Scarlet Tanager	2,169 (9)
10. American Redstart	1,671 (13)
11. Bobolink	1,554 (11)
12. Black-throated Green Warbler	1,479 (16)
13. Purple Martin	1,353 (14)
14. Northern Rough-winged Swallow	1,347 (12)
15. Rose-breasted Grosbeak	1,274 (15)
16. Cliff Swallow	1,110 (19)
17. Magnolia Warbler	935
18. Eastern Kingbird	915 (17)
19. Great Crested Flycatcher	811 (18)
20. Chestnut-sided Warbler	810 (20)
21. Bank Swallow	797 (10)

Passage transients are species that cross Pennsylvania twice each year as migrants, breeding to our north, and wintering to our south. Of the forty or so passage transients counted this year, most were seen in fairly small numbers. The top transient, Least Sandpiper, was only the 63rd most abundant species overall (Table 10).

Table 10. Most abundant passage transients.

1. Least Sandpiper	853
2. Solitary Sandpiper	357
3. American Pipit	164
4. Lesser Yellowlegs	158
5. Bay-breasted Warbler	118

6. Tennessee Warbler	108
7. Greater Yellowlegs	101
8. Caspian Tern	97
9. Palm Warbler	96
10. Wilson's Warbler	88

Count Highlights

Now, a closer look at some of the highlights and trends from Pennsylvania's 11th North American Migration Count:

Waders and Gruiformes:

Of the eight species of waders, a Glossy Ibis found by Flo McGuire in Forest was certainly the greatest surprise. The most widespread of this group were Great Blue Heron (788 in 47 counties), and Green Heron (221 in 41). Black-crowned Night-herons were found in seven counties, mostly on the Susquehanna River. Of 158 total for this species, 137 were in Lancaster. Yellow-crowned Night-heron (only three total) were tallied in Cumberland and Lancaster. American Bittern was present in six counties, and Snowy Egret in three. Little Blue Heron was a notable no-show. Five species of Gruiformes were counted this year, including fourteen Common Moorhens in five counties. In Lawrence, Linda Wagner succeeded in finding two of the local Sandhill Cranes while birding at SGL 284.

Waterfowl (loons through cormorants, geese through ducks)

The count produced a nice variety of waterfowl, but of the 31 species found, many were observed in very low numbers, as expected for the time of year. Several species were found on one count only: two Red-throated Loons were on the Susquehanna River in Cumberland. An Eared Grebe found the previous day at Middle Creek WMA in Lancaster was accommodating enough to stay put for count day. There were two Northern Shovelers in Dauphin, and a lone Northern Pintail in Schuylkill. Two lingering Canvasbacks were found in Erie, as was a Long-tailed Duck in Lancaster and a Common Goldeneye in Luzerne. Another good find was a lone White-winged Scoter at Green Lane Reservoir in Montgomery. Fourteen Common Moorhens were

noted in five counties. Redhead was a miss this year. The most abundant species in this category were Canada Goose (10,388), Mallard (2,812), and Double-crested Cormorant (1,065).

Vultures

Turkey Vultures outnumbered Black Vultures nearly 14:1 this year. Turkey Vultures (2,458) were counted in 55 counties. Black Vultures (181) were in 22 counties, almost exclusively in the southeastern quarter of the state, with the notable exception of two birds in Jefferson.

Raptors

We found thirteen raptor species this year. A wonderful new addition to the Pennsylvania NAMC list were two Mississippi Kites in Schuylkill, where Doug Wood observed an adult and sub-adult moving along the Kittatinny Ridge. Hopefully this species' occurrence in the southeastern corner of the state will continue to increase each spring. Another bird whose numbers are increasing annually is the Bald Eagle. This year, 98 Bald Eagles were found in 26 counties. Top counts were eight in Butler, nine in Crawford and York, and a very nice total of 27 in Lancaster. Increased coverage along the upper Delaware River would undoubtedly increase our Bald Eagle total (there was only a few hours' data from Pike, and none from Monroe). Peregrine Falcons (sixteen total) were found in five counties, mostly at known breeding locations. Northern Goshawks, hopefully breeders, were recorded in Centre, Indiana and Lycoming (one each). One lingering Rough-legged Hawk showed up in Franklin, but no Golden Eagles were noted at all.

Shorebirds

The more common species of this group were recorded in fairly good numbers, and distributed widely across the state. Three species of shorebirds were among our top four passage transients this year (Least Sandpiper, Solitary Sandpiper, and Lesser Yellowlegs). Upland Sandpipers were found in only three counties: Adams (2), Lawrence (3),

and Venango (1). A nice count of 24 Black-bellied plovers was made in Lancaster, and one more was found at Presque Isle in Erie. Rarities included a Wilson's Phalarope in lower Bucks, two Sanderlings in Schuylkill, and single White-rumped Sandpipers in Dauphin, Tioga and Wayne.

Gulls and terns

A respectable eight species of gulls and four species of terns were tallied on this year's NAMC, but three species were represented by single birds only. Birders in Lancaster found an immature Little Gull on the Conejohela Flats. In Bucks, a team recorded one each of both Glaucous and Lesser Black-backed Gull. Incidentally, this same team had the Wilson's Phalarope as well – a good day for them with three state exclusives! Bonaparte's Gulls were in Lancaster and Erie. Also in Erie were an estimated 4,000 Ring-billed and 1,000 Herring Gulls. Late Laughing Gulls were found across the southeastern corner in Philadelphia (7), Delaware (16), and Bucks (182). Caspian, Common and Forster's Terns were in five counties each. Good counts of Caspian Terns were made in Erie (60) and Lancaster (28). Statewide, Common Terns (21) outnumbered Forster's (15), thanks to ten on the Conejohela Flats in Lancaster and eight more in Butler. A total of five Black Terns were reported from Bucks, Indiana (2), Lawrence and Venango.

Doves through Woodpeckers

Another Pennsylvania NAMC 'first' came from southeastern York, where a Eurasian Collared-Dove was recorded. Statewide, Yellow-billed Cuckoo outnumbered Black-billed nearly two to one. Fifteen Barn Owls were found in three counties: Schuylkill (2), Franklin (4) and Juniata (9). Hopefully many more remain unreported. Even for the more common species, owl numbers were generally low statewide, reflective of the fact that not many counters are getting out to find them for the NAMC. Lone Saw-whets were detected in Luzerne, Schuylkill and Westmoreland,

following what was widely considered a good winter for them here. Neither Short-eared nor Long-eared Owls were reported from anywhere. All expected species of woodpecker were noted in good numbers. Red-headed Woodpeckers were observed in 22 counties, 83 birds in total, with max counts from Franklin and Bedford (11 each,) and York (7).

Flycatchers through Waxwings

All expected species of flycatchers were noted this year, including lone Olive-sided in five counties, lone Yellow-bellied in nine, and a total of ten Alder in three counties. The sighting of a Loggerhead Shrike in Greene County offers some hope that the species still resides within the state. Loggerheads have been no shows on the past several counts, so this record is particularly encouraging. All vireos, including 44 Philadelphia, were present in decent numbers. Sedge Wren was not found, but 26 Marsh Wrens were in seven counties. Numbers of the less common thrush species were low. Only four Gray-cheeked and 136 Swainson's were observed statewide. Hermit Thrush fared only slightly better with 205 individuals across 32 counties.

Warblers

The thing that really gets birders out and about each spring is, of course, the prospect of finding warblers. Numbers this year were generally quite good as compared to the past few rain-marred counts. While there were no huge surprises such as the Swainson's and Kirtland's from last year, we still managed to record a respectable 34 warbler species. A total of three Connecticut Warblers were seen in Crawford, Dauphin and Wayne. Orange-crowned Warbler, our other rare spring migrant, was in Indiana and Westmoreland. Prothonotary Warblers made a good showing, with nine individuals tallied in as many counties. While most were confined to the more expected southern tier of the state, several were considerably further north, including Luzerne, Lycoming and McKean, where singing males were certainly a welcomed find.

Tanagers through finches

Another species far more common to our south is Blue Grosbeak. This year a total of eight birds were found in five counties, with pairs or multiple birds in Franklin, Lancaster and Philadelphia. Sixteen sparrow species were present this year, including a lone Clay-colored Sparrow found by Karl Schurr in Clarion. Only fifteen Henslow's Sparrows were in eight counties, but observers commented that they were generally late to return to breeding grounds this year. Lingering winter species can be hit-or-miss on our NAMC each spring. This year's 'hits' included nine Fox Sparrows, 24 Rusty Blackbirds, and 44 Evening Grosbeaks, including a group of seventeen that remained at Frank Hughes' feeders in Elk. Notable 'misses' included Common Redpoll, and both crossbill species.

NAMC's future in Pennsylvania

The popularity of the North American Migration Count continues to grow in Pennsylvania, and as participation grows, so grows the relevance of the data that is collected from year to year. Our level of participation ranks Pennsylvania's NAMC as one of the top counts in the country, but it still doesn't quite compare to the level of interest in our Christmas Bird Count. Total field hours for the CBC in Pennsylvania last year were 5,706, compared to 3,287 for this year's NAMC. Over time, it is hoped that NAMC data will prove just as valuable as CBC data, but continued and increased participation is absolutely vital to this goal. Local NAMC compilers and participants need to solicit help from all available contributors. Find those feeder watchers and backyard birders, get in touch with local nature centers, bird clubs, park naturalists, or whomever else you can think of that might take an interest. Announcements in local newspapers couldn't hurt. It would also be very nice to see more local Audubon chapters and bird clubs getting involved in this worthwhile effort. One big problem that the NAMC currently faces seems to be that the date of the count conflicts

with many long established Big Day events and county birdathons. As a solution to this dilemma, some groups have decided to hold their various events on different weekends (birdathon on the first weekend in May, NAMC on the second, for example), or even to run them concurrently (count the birds you see on your Big Day). With everyone's continued effort, future counts will be bigger and better with each passing year. Pennsylvania's twelfth North American Migration Count will take place on Saturday, 10 May 2003...please mark your calendars now!

Appendix. List of compilers and participants

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Troyer, Jerry Troyer, Melvin Troyer, Suzanne Butcher, Ann Peterson

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1030 Old Bethlehem Rd #2,
Perkasie, PA 18944

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

Species	ADAM	ALLE	ARMS	BEAV	BEDF	BERK	BLAI	BRAD	BUCK	BUTL	CAMB	CARB	CENT	CHES	CLAI
Red-throated Loon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Common Loon	3	-	-	-	3	2	-	-	5	3	6	4	2	1	-
Pied-billed Grebe	-	-	-	-	-	-	-	-	2	3	-	-	9	4	-
Eared Grebe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Double-crested Cormorant	-	11	-	-	29	20	-	3	127	161	4	-	23	3	-
American Bittern	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
Great Blue Heron	6	30	1	-	11	48	-	15	77	80	4	-	8	12	-
Great Egret	-	-	-	-	7	-	-	-	5	2	-	-	1	-	-
Snowy Egret	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Green Heron	2	6	-	-	11	18	-	2	9	4	1	2	5	9	-
Black-crowned Night-Heron	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-
Yellow-crowned Night-Heron	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glossy Ibis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black Vulture	2	-	-	-	8	11	-	-	16	-	-	-	-	7	-
Turkey Vulture	22	23	17	-	23	131	3	10	189	12	14	3	58	78	13
Snow Goose	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-
Canada Goose	208	260	59	-	138	636	-	94	1105	310	77	24	56	363	31
Mute Swan	-	-	1	-	-	13	-	-	34	-	-	-	1	-	-
Tundra Swan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood Duck	6	12	-	-	14	19	-	10	44	21	2	3	41	40	-
Gadwall	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
American Wigeon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
American Black Duck	1	-	-	-	2	-	-	-	3	-	-	-	-	-	-
Mallard	17	126	10	-	99	182	-	5	323	30	11	11	55	45	2
Blue-winged Teal	-	-	-	-	6	-	-	-	-	-	-	-	1	2	-
Northern Shoveler	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northern Pintail	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Green-winged Teal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canvasback	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring-necked Duck	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Greater Scaup	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lesser Scaup	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
White-winged Scoter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Long-tailed Duck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bufflehead	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Common Goldeneye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hooded Merganser	2	-	-	-	-	1	-	7	5	2	-	-	-	-	-
Common Merganser	-	-	-	-	-	4	-	2	8	8	-	-	1	-	2
Red-breasted Merganser	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-
Ruddy Duck	-	-	-	-	-	2	-	-	1	63	-	-	-	-	-
Osprey	-	-	-	-	4	1	-	-	10	9	-	1	1	3	-
Mississippi Kite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bald Eagle	-	-	-	-	-	2	-	-	2	9	1	4	3	2	-
Northern Harrier	1	1	-	-	-	1	-	-	-	-	1	-	2	1	-
Sharp-shinned Hawk	-	6	1	-	3	5	-	1	4	-	1	-	1	1	-
Cooper's Hawk	1	3	-	-	-	1	-	-	8	1	2	-	4	3	-
Northern Goshawk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red-shouldered Hawk	-	1	-	-	2	2	-	-	2	2	1	-	2	1	4
Broad-winged Hawk	1	2	1	-	-	3	-	1	3	1	3	1	4	2	-
Red-tailed Hawk	13	38	8	-	12	43	2	1	94	12	6	6	11	38	1
Rough-legged Hawk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
American Kestrel	6	3	-	-	9	15	-	-	8	4	4	-	4	11	-
Merlin	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Peregrine Falcon	-	2	-	-	-	-	-	-	2	-	-	-	-	-	-
Ring-necked Pheasant	-	-	-	-	9	4	5	2	1	7	1	2	2	1	1
Ruffed Grouse	-	-	-	-	9	1	1	2	-	3	3	-	6	-	3
Wild Turkey	-	17	2	1	30	32	2	5	17	3	2	-	3	-	12

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

Species	ADAM	ALLE	ARMS	BEAV	BEDF	BERK	BLAI	BRAD	BUCK	BUTL	CAMB	CARB	CENT	CHES	CLAI
Northern Bobwhite	-	-	-	-	2	1	-	-	1	2	-	-	-	-	-
Virginia Rail	-	-	-	-	2	-	-	-	-	-	3	-	-	4	-
Sora	-	-	-	-	4	-	-	-	-	1	1	-	-	2	-
Common Moorhen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
American Coot	-	-	-	-	2	1	-	-	-	31	-	-	-	-	-
Sandhill Crane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black-bellied Plover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semipalmated Plover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Killdeer	9	19	9	-	16	27	-	4	5	26	8	1	20	11	-
Greater Yellowlegs	-	-	-	-	8	13	-	-	24	-	-	-	-	3	-
Lesser Yellowlegs	1	-	2	-	2	13	-	-	22	2	-	-	-	3	-
Solitary Sandpiper	5	4	1	-	3	13	-	-	61	3	3	-	2	10	-
Spotted Sandpiper	1	13	-	-	10	16	-	14	48	7	3	4	11	21	-
Upland Sandpiper	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanderling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semipalmated Sandpiper	-	-	-	-	1	-	-	-	3	-	-	-	-	-	-
Least Sandpiper	7	4	-	-	1	29	-	-	309	13	-	-	-	6	-
White-rumped Sandpiper	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pectoral Sandpiper	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Dunlin	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-
Short-billed Dowitcher	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Common Snipe	-	-	-	-	2	-	-	-	-	1	11	-	-	1	-
American Woodcock	-	-	-	-	-	-	-	2	-	3	-	-	1	-	2
Wilson's Phalarope	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Laughing Gull	-	-	-	-	-	-	-	-	183	-	-	-	-	-	-
Little Gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bonaparte's Gull	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Ring-billed Gull	-	2	-	-	27	68	-	-	247	53	32	-	119	-	-
Herring Gull	-	24	-	-	-	1	-	-	307	-	-	-	-	-	-
Lesser Black-backed Gull	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Glaucous Gull	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Great Black-backed Gull	-	-	-	-	-	-	-	-	20	-	-	-	-	-	-
Caspian Tern	-	-	-	-	-	-	-	-	-	3	5	-	-	-	-
Common Tern	-	-	-	-	-	-	-	-	-	8	-	1	-	-	-
Forster's Tern	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
Black Tern	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Rock Dove	21	52	1	-	24	134	-	3	97	-	5	12	51	52	-
Eurasian Collared-Dove	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mourning Dove	36	116	62	5	154	300	4	21	319	197	84	18	126	165	17
Black-billed Cuckoo	-	7	1	-	1	3	-	-	-	5	-	-	11	-	-
Yellow-billed Cuckoo	1	8	-	-	3	13	1	-	11	1	-	-	4	3	-
Barn Owl	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eastern Screech-Owl	-	1	-	-	3	7	-	-	1	1	-	-	-	34	-
Great Horned Owl	2	1	-	-	2	5	-	-	7	-	1	1	2	10	-
Barred Owl	2	-	-	-	4	-	-	1	-	1	-	-	2	-	-
Northern Saw-whet Owl	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Common Nighthawk	-	2	-	-	1	1	-	-	4	-	-	-	-	-	-
Whip-poor-will	-	-	-	-	5	-	-	-	-	2	-	-	1	-	-
Chimney Swift	11	72	36	-	39	79	-	119	976	706	28	-	49	105	9
Ruby-throated Hummingbird	14	16	15	1	52	17	1	1	26	6	7	-	21	4	5
Belted Kingfisher	-	7	-	-	7	14	-	5	19	3	-	1	9	11	4
Red-headed Woodpecker	5	-	-	-	11	6	-	-	2	4	-	-	4	-	-
Red-bellied Woodpecker	18	87	10	2	36	134	2	8	182	34	5	1	25	91	3
Yellow-bellied Sapsucker	-	-	-	-	-	4	-	8	-	3	2	-	1	-	-
Downy Woodpecker	14	31	8	2	37	79	2	8	65	29	11	1	36	29	5
Hairy Woodpecker	4	10	1	-	16	12	1	5	12	16	1	-	12	5	1
Northern Flicker	15	67	8	-	22	69	2	5	79	19	13	5	47	48	3

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

Species	ADAM	ALLE	ARMS	BEAV	BEDF	BERK	BLAI	BRAD	BUCK	BUTL	CAMB	CARB	CENT	CHES	CLAI
Pileated Woodpecker	4	20	-	-	19	23	4	2	7	5	5	-	17	6	3
Olive-sided Flycatcher	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Eastern Wood-Pewee	9	5	2	-	7	27	4	-	27	5	-	-	11	29	-
Yellow-bellied Flycatcher	1	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Acadian Flycatcher	4	12	-	-	1	24	-	-	3	11	-	-	3	19	-
Alder Flycatcher	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-
Willow Flycatcher	2	1	-	-	2	4	-	-	4	6	2	-	4	8	-
Least Flycatcher	1	6	1	-	-	-	-	5	3	11	2	-	-	-	-
Eastern Phoebe	12	25	20	-	33	43	3	14	64	26	10	2	45	25	7
Great Crested Flycatcher	14	4	1	-	12	56	1	5	65	7	-	-	32	38	2
Eastern Kingbird	14	4	2	-	21	39	-	1	71	27	4	10	7	69	1
Loggerhead Shrike	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White-eyed Vireo	6	7	1	-	2	27	-	-	35	24	-	-	-	41	-
Blue-headed Vireo	1	2	4	-	2	2	3	6	3	5	7	-	31	2	3
Yellow-throated Vireo	1	9	1	-	2	35	-	6	7	11	-	-	1	24	-
Warbling Vireo	4	14	1	-	1	20	-	7	90	23	-	-	4	20	-
Philadelphia Vireo	1	10	-	-	-	-	-	-	1	1	1	-	-	-	-
Red-eyed Vireo	8	173	22	-	38	282	7	5	161	54	23	5	109	131	6
Blue Jay	55	176	37	-	161	378	3	14	325	47	61	44	163	181	29
American Crow	27	191	82	1	117	308	1	27	406	74	68	32	203	190	39
Fish Crow	-	-	-	-	-	28	-	-	22	-	-	-	15	8	-
Common Raven	1	-	-	-	4	-	1	1	1	-	3	-	7	-	-
Horned Lark	-	1	-	-	-	-	-	-	15	-	-	-	-	16	-
Purple Martin	8	-	-	-	58	2	-	-	-	189	-	-	27	27	-
Tree Swallow	14	36	39	-	181	170	-	33	664	1012	87	120	134	345	17
N. Rough-winged Swallow	7	66	4	-	3	59	-	14	211	102	8	3	10	24	-
Bank Swallow	-	-	-	-	7	3	-	-	59	289	45	1	20	2	-
Cliff Swallow	-	-	-	-	12	58	-	-	180	336	74	30	37	-	-
Barn Swallow	41	64	14	-	134	141	2	32	258	1010	77	30	198	102	42
Carolina Chickadee	14	55	-	-	5	48	-	-	136	-	-	-	-	81	-
Black-capped Chickadee	2	23	22	1	84	28	3	25	42	73	24	7	80	1	18
Tufted Titmouse	22	144	26	1	72	162	4	16	210	44	8	3	118	105	25
Red-breasted Nuthatch	-	5	-	-	6	5	-	-	-	3	2	-	4	-	1
White-breasted Nuthatch	10	31	14	-	33	38	3	10	51	54	9	2	15	36	11
Brown Creeper	-	-	-	-	1	3	-	3	-	-	-	-	2	-	-
Carolina Wren	12	100	3	1	25	91	2	7	123	23	-	-	20	88	1
House Wren	23	47	10	2	29	97	-	9	125	75	8	12	44	59	-
Winter Wren	-	-	-	-	-	2	-	3	-	1	-	-	-	-	-
Marsh Wren	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Golden-crowned Kinglet	-	-	-	-	-	-	-	2	-	-	4	-	1	-	-
Ruby-crowned Kinglet	1	18	-	-	15	35	-	1	7	3	-	2	5	5	-
Blue-gray Gnatcatcher	12	27	-	-	82	117	4	-	77	38	-	1	20	52	-
Eastern Bluebird	24	41	13	-	59	86	-	10	54	36	12	2	56	77	12
Veery	-	10	-	-	2	66	-	5	67	5	3	2	14	31	2
Gray-cheeked Thrush	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Swainson's Thrush	1	12	-	-	-	3	-	-	27	-	-	-	-	3	-
Hermit Thrush	-	2	1	-	-	3	-	4	-	-	7	2	8	-	4
Wood Thrush	37	88	16	-	28	291	8	17	234	85	21	5	63	160	4
American Robin	118	588	288	3	340	499	3	73	1020	316	123	57	365	347	59
Gray Catbird	66	226	14	-	60	588	4	19	645	66	29	40	228	445	21
Northern Mockingbird	20	15	2	-	22	131	-	-	75	2	-	11	26	99	-
Brown Thrasher	5	3	-	-	17	7	-	4	13	12	4	2	36	13	2
European Starling	73	255	32	-	215	401	-	64	824	137	112	43	337	169	17
American Pipit	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-
Cedar Waxwing	2	6	-	-	3	64	-	6	236	23	-	-	43	35	-
Blue-winged Warbler	1	14	4	-	-	21	-	3	40	32	-	-	1	29	-
Golden-winged Warbler	-	-	-	-	2	-	-	-	-	-	-	-	10	-	-

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

Species	ADAM	ALLE	ARMS	BEAV	BEDF	BERK	BLAI	BRAD	BUCK	BUTL	CAMB	CARB	CENT	CHES	CLAI
Tennessee Warbler	-	28	1	-	-	8	-	-	6	2	1	-	2	-	-
Orange-crowned Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nashville Warbler	-	24	-	-	-	3	-	-	3	21	-	-	6	1	-
Northern Parula	6	8	-	-	1	41	-	-	66	6	1	-	1	12	1
Yellow Warbler	13	113	20	-	35	106	1	29	245	287	31	14	142	139	4
Chestnut-sided Warbler	5	50	-	-	7	19	1	11	20	45	5	2	39	9	11
Magnolia Warbler	8	73	1	-	2	31	-	-	65	32	2	-	36	9	7
Cape May Warbler	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Black-throated Blue Warbler	17	18	-	-	6	37	1	1	68	2	3	10	19	17	3
Yellow-rumped Warbler	15	81	2	-	6	49	7	9	347	170	1	12	46	50	7
Black-throated Green Warbler	7	46	5	-	12	44	7	-	73	31	11	5	55	22	8
Blackburnian Warbler	1	15	-	-	-	1	1	-	11	14	3	-	35	-	6
Yellow-throated Warbler	-	2	-	-	-	1	-	-	1	1	-	-	-	-	-
Pine Warbler	-	-	-	-	1	4	-	1	3	-	1	1	11	-	-
Prairie Warbler	-	6	1	-	-	6	-	-	60	4	-	15	2	6	-
Palm Warbler	-	1	-	-	-	-	2	1	-	1	-	-	-	1	-
Bay-breasted Warbler	2	26	-	-	-	2	-	-	-	19	-	-	6	-	-
Blackpoll Warbler	1	2	-	-	-	1	2	-	19	5	-	-	-	3	-
Cerulean Warbler	-	7	-	-	2	6	8	-	8	25	-	-	-	3	-
Black-and-white Warbler	6	8	-	-	7	63	1	4	53	24	-	7	19	9	5
American Redstart	16	63	6	-	37	71	1	2	88	41	7	6	37	33	1
Prothonotary Warbler	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-
Worm-eating Warbler	-	2	-	-	2	45	5	-	16	-	-	-	6	-	-
Ovenbird	17	14	3	-	55	347	9	24	141	51	29	11	101	88	1
Northern Waterthrush	5	-	-	-	1	6	-	-	15	4	-	-	9	4	-
Louisiana Waterthrush	1	4	-	-	-	29	3	-	12	9	1	-	3	13	-
Kentucky Warbler	-	12	-	-	-	2	-	-	3	9	-	-	-	4	-
Connecticut Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mourning Warbler	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-
Common Yellowthroat	22	43	8	-	68	176	10	21	217	118	8	12	183	163	26
Hooded Warbler	-	25	2	-	1	28	3	-	11	44	2	7	19	-	-
Wilson's Warbler	-	5	-	-	-	4	-	-	5	3	-	1	-	3	-
Canada Warbler	1	6	-	-	-	10	-	-	12	1	1	-	10	5	-
Yellow-breasted Chat	-	3	-	-	2	7	1	-	1	2	-	-	7	4	-
Scarlet Tanager	11	91	13	1	48	175	7	8	91	86	6	3	38	62	8
Northern Cardinal	38	289	41	2	109	284	4	24	332	179	37	20	132	201	13
Rose-breasted Grosbeak	6	56	11	2	39	29	5	21	54	87	19	10	25	17	19
Blue Grosbeak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indigo Bunting	9	116	5	1	47	102	1	1	49	20	11	2	42	46	7
Eastern Towhee	18	144	37	-	118	114	13	5	89	46	32	12	162	77	22
American Tree Sparrow	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-
Chipping Sparrow	29	112	54	1	129	133	6	16	75	155	46	21	162	76	28
Clay-colored Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Sparrow	20	54	9	-	11	62	4	5	68	46	6	5	68	33	8
Vesper Sparrow	-	3	-	-	-	-	-	-	-	1	16	-	1	-	-
Savannah Sparrow	-	3	-	-	-	-	-	3	8	40	14	1	3	16	-
Grasshopper Sparrow	-	15	-	-	1	-	-	-	-	6	1	2	7	4	1
Henslow's Sparrow	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
Fox Sparrow	-	1	-	-	6	-	-	-	1	-	-	-	-	-	-
Song Sparrow	22	173	38	-	67	170	5	33	317	106	27	13	198	159	17
Lincoln's Sparrow	1	-	-	-	-	4	-	-	2	1	1	-	4	-	-
Swamp Sparrow	-	2	-	-	28	-	-	5	18	42	5	-	24	4	1
White-throated Sparrow	3	15	4	-	9	100	1	8	72	29	5	4	32	31	8
White-crowned Sparrow	2	4	10	2	17	2	-	3	5	8	3	2	6	1	-
Dark-eyed Junco	-	-	-	-	3	-	-	12	-	2	5	-	19	-	18
Bobolink	15	1	-	-	48	37	-	8	38	28	10	-	12	239	2
Red-winged Blackbird	55	207	132	-	185	274	-	70	476	578	219	60	390	291	40

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

Species	ADAM	ALLE	ARMS	BEAV	BEDF	BERK	BLAI	BRAD	BUCK	BUTL	CAMB	CARB	CENT	CHES	CLAI
Eastern Meadowlark	16	24	2	-	17	4	-	1	4	36	4	2	22	19	1
Rusty Blackbird	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
Common Grackle	37	296	58	1	236	379	-	24	546	244	89	32	359	218	33
Brown-headed Cowbird	11	73	22	1	50	105	3	19	219	286	14	12	65	93	7
Orchard Oriole	1	16	4	-	7	11	-	-	26	2	-	1	3	23	-
Baltimore Oriole	23	170	26	-	49	179	2	21	264	51	14	9	108	145	10
Purple Finch	-	7	3	1	33	5	-	3	3	20	3	-	5	4	6
House Finch	32	58	55	5	88	179	-	17	158	60	23	2	45	92	1
Pine Siskin	1	-	-	-	19	2	-	2	-	4	-	-	5	-	-
American Goldfinch	48	257	38	7	214	327	2	43	288	105	39	66	238	268	43
Evening Grosbeak	-	-	4	-	-	-	-	-	-	-	-	-	2	-	-
House Sparrow	12	140	17	-	130	192	-	18	166	296	72	-	283	102	7
Accipiter Sp.	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Buteo Sp.	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Peep sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gull sp.	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
Empid sp.	-	5	-	-	-	1	-	-	-	-	1	2	-	-	-
Crow sp.	2	-	-	-	3	1	-	-	-	-	-	-	-	11	-
Chickadee sp.	-	10	-	-	-	59	-	-	-	-	-	-	-	-	-
Thrush sp.	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Brewster's Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lawrence's Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chukar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total birds (incl misc)	1693	6668	1562	44	4826	10925	202	1290	16795	9779	2042	962	6707	7244	825
Total species	112	132	80	22	139	151	59	97	162	152	110	79	145	131	76
Number of Parties	6	21	7	1	12	19	1	5	25	3	7	2	14	16	3
Number of Observers	10	51	9	1	37	34	1	5	67	6	9	6	20	50	4
Hours	29	95.25	41	2	111.5	108.25	10.75	34	163.75	29.5	43	9	88.75	114.5	19

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

Species	CLEA	CRAW	CUMB	DAUP	DELA	ELK	ERIE	FAYE	FORE	FRAN	FULT	GREE	HUNT	INDI	JEFF
Red-throated Loon	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Common Loon	-	-	2	3	1	1	-	-	-	-	-	-	-	5	-
Pied-billed Grebe	-	-	-	-	1	-	-	-	-	5	-	-	-	-	-
Eared Grebe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Double-crested Cormorant	-	36	1	28	33	-	300	-	-	-	-	6	1	7	-
American Bittern	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Great Blue Heron	8	12	9	16	11	-	22	-	2	22	-	97	5	22	-
Great Egret	-	-	5	27	4	-	4	-	-	2	-	-	1	-	-
Snowy Egret	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Green Heron	1	2	10	12	-	-	1	-	2	20	-	4	4	10	-
Black-crowned Night-Heron	-	-	-	6	-	-	8	-	-	-	-	-	-	-	-
Yellow-crowned Night-Heron	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Glossy Ibis	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Black Vulture	-	9	3	3	6	-	-	-	-	14	1	-	-	-	1
Turkey Vulture	16	1	75	122	25	2	9	4	13	185	41	223	15	63	2
Snow Goose	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canada Goose	18	62	166	351	150	13	54	-	42	430	26	207	26	246	12
Mute Swan	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-
Tundra Swan	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-
Wood Duck	7	21	13	22	42	-	28	-	-	53	2	22	4	36	-
Gadwall	-	2	-	1	-	-	-	-	-	-	-	-	-	1	-
American Wigeon	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
American Black Duck	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
Mallard	16	12	90	101	53	7	39	-	2	154	13	67	11	72	1
Blue-winged Teal	-	5	-	1	-	-	2	-	-	2	-	-	-	-	-
Northern Shoveler	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Northern Pintail	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Green-winged Teal	-	-	-	2	-	-	-	-	-	-	-	1	-	-	-
Canvasback	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Ring-necked Duck	-	-	2	-	-	-	-	-	-	-	-	-	-	2	-
Greater Scaup	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-
Lesser Scaup	-	-	-	-	-	-	38	-	-	-	-	-	-	-	-
White-winged Scoter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Long-tailed Duck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bufflehead	-	1	-	-	-	-	10	-	-	-	-	-	-	-	-
Common Goldeneye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hooded Merganser	1	-	20	-	-	-	3	-	-	-	-	-	-	-	-
Common Merganser	-	-	-	1	-	7	-	-	6	3	-	-	-	6	3
Red-breasted Merganser	-	-	-	-	-	-	11	-	-	-	-	-	-	1	-
Ruddy Duck	-	51	-	-	-	-	3	-	-	-	2	-	1	-	-
Osprey	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-
Mississippi Kite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bald Eagle	-	8	-	4	1	2	-	-	-	-	-	-	1	1	-
Northern Harrier	1	-	-	-	-	-	-	-	-	3	-	-	-	1	-
Sharp-shinned Hawk	-	-	-	2	1	-	6	-	1	3	-	2	-	9	1
Cooper's Hawk	1	-	2	3	2	1	1	-	1	7	-	2	-	6	-
Northern Goshawk	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Red-shouldered Hawk	-	2	1	2	3	2	-	-	-	1	-	-	-	1	4
Broad-winged Hawk	-	-	1	1	2	1	-	-	1	5	1	3	5	8	3
Red-tailed Hawk	4	1	17	39	21	1	1	-	2	41	2	83	6	42	-
Rough-legged Hawk	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
American Kestrel	1	2	13	7	2	-	1	-	-	19	-	14	1	17	-
Merlin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peregrine Falcon	-	-	-	6	-	-	1	-	-	-	-	-	-	-	-
Ring-necked Pheasant	2	1	-	5	-	-	-	-	-	12	2	12	2	8	-
Ruffed Grouse	9	-	2	-	-	-	-	1	2	9	-	6	11	8	2
Wild Turkey	15	4	11	18	-	11	2	-	1	11	2	139	1	37	-

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

Species	CLEA	CRAW	CUMB	DAUP	DELA	ELK	ERIE	FAYE	FORE	FRAN	FULT	GREE	HUNT	INDI	JEFF
Northern Bobwhite	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-
Virginia Rail	-	2	-	-	-	-	1	-	-	-	1	-	-	1	-
Sora	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-
Common Moorhen	-	1	-	-	-	-	3	-	-	-	-	-	-	-	-
American Coot	-	-	-	-	-	-	4	-	-	1	-	-	-	3	-
Sandhill Crane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black-bellied Plover	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Semipalmated Plover	7	5	25	12	7	7	9	-	3	70	18	23	9	46	2
Killdeer	-	-	-	1	10	-	-	-	2	6	-	-	-	-	-
Greater Yellowlegs	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-
Lesser Yellowlegs	-	-	-	26	-	-	1	-	-	34	4	2	9	8	-
Solitary Sandpiper	1	8	20	10	2	-	1	-	-	34	4	2	9	8	-
Spotted Sandpiper	2	1	19	10	16	4	12	-	2	54	12	7	8	21	-
Upland Sandpiper	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanderling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semipalmated Sandpiper	-	-	1	-	3	-	-	-	-	1	-	-	2	-	-
Least Sandpiper	-	-	13	22	41	-	2	-	-	22	1	-	2	-	-
White-rumped Sandpiper	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Pectoral Sandpiper	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Dunlin	-	-	-	3	2	-	5	-	-	-	-	-	1	-	-
Short-billed Dowitcher	-	-	-	6	-	-	1	-	-	1	-	-	-	1	-
Common Snipe	-	-	2	-	-	-	-	-	-	5	1	-	-	-	-
American Woodcock	4	-	-	5	-	1	16	-	2	2	1	4	3	3	-
Wilson's Phalarope	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laughing Gull	-	-	-	-	16	-	-	-	-	-	-	-	-	-	-
Little Gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bonaparte's Gull	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Ring-billed Gull	-	115	3	129	58	-	4000	-	-	5	-	-	3	1	-
Herring Gull	-	-	-	-	25	-	1000	-	-	-	-	-	-	-	-
Lesser Black-backed Gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glaucous Gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Great Black-backed Gull	-	-	-	-	14	-	150	-	-	-	-	-	-	-	-
Caspian Tern	-	-	-	-	-	-	60	-	-	-	-	-	-	-	-
Common Tern	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
Forster's Tern	-	-	-	-	1	-	4	-	-	-	-	-	-	3	-
Black Tern	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
Rock Dove	7	16	163	158	51	23	14	-	3	310	21	50	12	78	-
Eurasian Collared-Dove	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mourning Dove	76	8	175	192	68	67	40	-	25	518	10	243	23	465	6
Black-billed Cuckoo	-	-	-	5	-	-	-	-	-	2	2	3	2	16	-
Yellow-billed Cuckoo	-	-	3	8	4	-	-	-	-	15	1	6	6	6	-
Barn Owl	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-
Eastern Screech-Owl	-	-	3	-	2	-	-	-	-	5	-	2	1	-	-
Great Horned Owl	-	-	5	6	1	-	-	-	-	4	1	3	1	-	-
Barred Owl	-	4	4	-	-	-	-	-	-	12	-	10	1	-	-
Northern Saw-whet Owl	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
Common Nighthawk	-	-	8	12	-	-	4	-	3	9	1	3	11	-	-
Whip-poor-will	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chimney Swift	5	5	104	82	91	-	30	-	9	127	16	138	7	239	6
Ruby-throated Hummingbird	2	4	14	24	8	9	2	1	8	58	3	56	16	58	1
Belted Kingfisher	-	-	6	6	6	-	6	-	3	20	1	12	2	15	-
Red-headed Woodpecker	4	-	3	-	-	-	6	-	-	11	-	2	-	2	-
Red-bellied Woodpecker	-	-	9	43	62	48	4	-	1	136	5	121	14	69	-
Yellow-bellied Sapsucker	-	-	-	-	-	5	-	-	-	3	-	-	-	1	-
Downy Woodpecker	4	6	25	30	15	5	8	-	4	69	-	68	20	68	-
Hairy Woodpecker	3	-	1	4	2	9	-	-	4	10	-	20	4	19	-
Northern Flicker	16	8	24	53	21	4	13	-	3	113	3	109	14	73	3

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

Species	CLEA	CRAW	CUMB	DAUP	DELA	ELK	ERIE	FAYE	FORE	FRAN	FULT	GREE	HUNT	INDI	JEFF
Pileated Woodpecker	2	1	9	22	2	1	2	-	4	29	2	38	11	32	1
Olive-sided Flycatcher	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Eastern Wood-Pewee	-	1	17	-	13	-	-	-	-	47	5	59	5	18	-
Yellow-bellied Flycatcher	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acadian Flycatcher	-	1	29	-	18	-	-	-	-	20	3	62	7	21	-
Alder Flycatcher	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Willow Flycatcher	1	-	-	-	4	-	-	-	-	4	1	4	3	6	-
Least Flycatcher	3	5	1	-	-	-	5	-	3	9	1	6	2	12	-
Eastern Phoebe	5	1	33	54	5	8	3	5	11	95	32	118	25	140	1
Great Crested Flycatcher	8	3	37	-	8	2	6	-	70	70	10	20	18	9	-
Eastern Kingbird	5	3	21	-	25	2	5	-	2	85	7	67	9	21	-
Loggerhead Shrike	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
White-eyed Vireo	-	2	14	6	6	-	1	-	-	3	-	52	2	11	-
Blue-headed Vireo	-	3	3	-	5	-	1	-	9	-	1	4	2	36	1
Yellow-throated Vireo	-	2	4	-	6	-	-	-	-	11	7	34	3	18	-
Warbling Vireo	-	7	10	9	31	-	22	-	-	15	1	34	5	11	-
Philadelphia Vireo	1	-	192	87	36	-	2	5	6	225	32	196	133	3	-
Red-eyed Vireo	8	11	166	263	36	24	346	1	15	434	11	259	78	351	1
Blue Jay	44	13	187	375	83	26	22	1	29	351	18	390	124	499	8
American Crow	33	26	35	17	6	-	-	-	-	25	4	-	1	3	-
Fish Crow	1	-	1	2	-	2	-	-	-	2	1	-	7	6	-
Common Raven	4	-	1	5	-	-	-	-	-	15	1	-	-	3	-
Horned Lark	-	-	46	-	-	-	-	-	-	56	-	44	-	-	-
Purple Martin	-	10	4	-	-	-	-	-	-	-	-	-	-	-	-
Tree Swallow	16	76	94	144	383	51	200	12	22	226	15	139	55	191	6
N. Rough-winged Swallow	1	2	25	36	28	3	20	-	3	30	10	54	6	80	-
Bank Swallow	-	4	3	4	1	-	100	-	7	1	-	13	-	13	-
Cliff Swallow	-	10	-	3	4	-	2	-	5	-	-	-	2	4	-
Barn Swallow	14	71	119	112	26	3	50	-	13	389	25	297	49	399	8
Carolina Chickadee	-	-	31	18	33	-	-	-	-	33	-	141	-	-	-
Black-capped Chickadee	31	22	22	32	-	37	5	9	20	108	6	-	45	197	8
Tufted Titmouse	8	10	79	148	48	19	6	5	15	204	8	213	49	188	1
Red-breasted Nuthatch	-	-	-	2	-	-	8	-	2	3	-	3	9	6	-
White-breasted Nuthatch	2	4	19	20	10	7	4	2	7	57	1	56	18	74	1
Brown Creeper	-	-	1	-	-	-	-	-	-	2	-	-	7	-	-
Carolina Wren	-	2	44	67	31	-	5	-	-	91	10	118	16	64	-
House Wren	9	8	65	55	17	-	15	-	2	137	4	106	22	87	-
Winter Wren	-	-	-	-	-	-	-	-	-	2	-	-	1	3	-
Marsh Wren	-	-	1	-	4	-	7	-	-	-	-	-	-	-	-
Golden-crowned Kinglet	-	-	4	2	-	-	-	-	-	3	-	-	5	6	-
Ruby-crowned Kinglet	-	3	12	7	3	-	17	-	-	8	-	1	1	8	-
Blue-gray Gnatcatcher	1	2	45	22	18	-	4	-	6	44	12	64	35	61	-
Eastern Bluebird	9	9	65	135	45	2	-	9	5	268	6	215	20	136	2
Veery	-	4	7	19	18	2	5	-	1	10	-	3	1	3	-
Gray-cheeked Thrush	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-
Swainson's Thrush	-	3	4	2	4	-	4	-	-	4	1	7	-	7	-
Hermit Thrush	5	-	-	2	-	15	5	-	8	3	-	-	12	9	-
Wood Thrush	4	17	124	142	37	-	10	5	2	192	31	260	86	326	2
American Robin	65	54	432	567	484	83	103	2	90	1143	33	1152	83	1457	11
Gray Catbird	15	32	329	366	126	22	69	5	15	362	11	226	53	349	2
Northern Mockingbird	-	-	36	46	26	-	-	-	-	174	3	79	4	17	-
Brown Thrasher	5	4	9	27	5	-	6	-	-	79	3	71	4	45	-
European Starling	45	11	487	476	275	43	20	1	35	982	4	768	45	931	13
American Pipit	-	5	1	8	-	-	-	-	-	34	-	-	-	-	-
Cedar Waxwing	-	2	46	10	41	-	16	-	-	55	-	17	39	43	-
Blue-winged Warbler	-	4	5	39	5	-	-	-	4	5	2	60	3	32	-
Golden-winged Warbler	-	2	1	2	-	-	-	3	-	-	4	-	8	2	-

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

Species	CLEA	CRAW	CUMB	DAUP	DELA	ELK	ERIE	FAYE	FORE	FRAN	FULT	GREE	HUNT	INDI	JEFF
Tennessee Warbler	-	6	1	1	3	-	-	-	-	-	-	8	2	3	-
Orange-crowned Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Nashville Warbler	-	1	2	4	3	-	6	-	-	15	-	3	1	8	-
Northern Parula	-	-	15	8	11	-	-	3	8	6	1	48	8	6	-
Yellow Warbler	6	32	50	75	38	13	178	3	14	78	3	360	33	294	4
Chestnut-sided Warbler	1	8	5	10	12	4	1	1	27	14	3	7	26	32	-
Magnolia Warbler	3	18	11	33	9	2	5	-	13	13	2	2	18	62	4
Cape May Warbler	-	-	1	1	-	-	2	-	-	-	-	2	2	4	-
Black-throated Blue Warbler	-	1	35	57	10	-	2	-	2	33	3	3	11	3	-
Yellow-rumped Warbler	4	16	76	139	38	19	19	-	5	115	11	15	9	43	2
Black-throated Green Warbler	-	9	37	31	6	10	6	1	26	42	5	3	53	90	4
Blackburnian Warbler	2	5	7	5	2	-	1	-	8	5	1	3	18	11	2
Yellow-throated Warbler	-	-	-	-	-	-	-	-	-	5	-	39	2	2	-
Pine Warbler	-	1	15	-	1	1	1	-	-	4	2	2	2	1	-
Prairie Warbler	4	-	7	24	5	-	-	-	-	4	1	21	6	27	-
Palm Warbler	-	-	2	3	-	-	60	-	-	4	-	1	1	-	-
Bay-breasted Warbler	-	-	4	1	-	-	-	-	-	5	-	-	-	7	-
Blackpoll Warbler	-	1	10	3	2	-	-	-	-	4	-	-	-	4	-
Cerulean Warbler	-	-	3	2	-	-	-	-	-	3	1	77	2	18	-
Black-and-white Warbler	1	2	15	30	5	2	5	1	5	20	1	18	10	14	1
American Redstart	1	10	52	51	19	-	2	2	8	42	10	222	26	90	-
Prothonotary Warbler	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-
Worm-eating Warbler	-	4	6	15	2	-	-	1	-	5	3	1	5	1	-
Ovenbird	19	4	154	128	7	11	1	7	19	144	29	82	132	182	-
Northern Waterthrush	-	7	10	2	2	-	1	-	-	4	-	-	2	-	-
Louisiana Waterthrush	-	4	8	4	2	-	-	-	-	19	2	28	4	7	-
Kentucky Warbler	-	-	3	6	1	-	-	-	-	-	3	56	-	10	-
Connecticut Warbler	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Mourning Warbler	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Common Yellowthroat	1	11	100	128	48	9	12	9	12	113	14	183	111	278	1
Hooded Warbler	-	14	23	21	2	-	2	-	9	10	1	22	11	63	-
Wilson's Warbler	-	1	2	1	3	-	2	-	-	9	3	-	10	1	-
Canada Warbler	-	-	4	2	3	-	1	-	-	2	-	-	10	1	-
Yellow-breasted Chat	-	-	5	20	1	-	-	2	-	8	3	27	5	7	-
Scarlet Tanager	10	11	47	67	12	7	1	12	12	102	10	184	58	139	-
Northern Cardinal	18	30	119	262	92	14	10	8	7	243	8	548	29	334	3
Rose-breasted Grosbeak	11	24	2	17	5	14	3	-	26	20	2	106	7	117	2
Blue Grosbeak	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-
Indigo Bunting	18	9	57	128	9	16	2	24	7	126	18	228	20	187	10
Eastern Towhee	23	5	92	105	31	2	21	14	14	118	44	358	123	343	-
American Tree Sparrow	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-
Chipping Sparrow	23	9	78	122	21	66	21	13	28	387	39	269	96	495	-
Clay-colored Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Sparrow	7	13	27	75	7	4	3	7	7	74	6	182	25	126	-
Vesper Sparrow	3	1	6	3	-	-	-	-	-	3	2	1	1	5	-
Savannah Sparrow	-	5	7	5	1	-	1	-	1	16	7	4	4	12	-
Grasshopper Sparrow	8	-	10	3	-	-	-	-	-	25	3	4	-	11	-
Henslow's Sparrow	2	-	-	-	-	-	-	-	-	-	-	-	-	3	-
Fox Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Song Sparrow	25	17	102	123	105	26	31	-	26	251	12	381	47	340	1
Lincoln's Sparrow	-	1	2	2	2	-	1	-	-	1	1	-	-	-	-
Swamp Sparrow	-	7	1	1	12	-	6	-	-	4	-	-	3	4	-
White-throated Sparrow	-	23	59	72	11	11	68	2	1	52	3	5	4	15	3
White-crowned Sparrow	1	11	4	-	1	11	41	-	7	44	1	8	3	38	6
Dark-eyed Junco	-	-	1	2	-	27	-	-	7	3	-	-	3	11	2
Bobolink	-	1	26	63	-	4	-	-	2	75	6	22	5	36	-
Red-winged Blackbird	41	106	197	407	121	70	58	2	52	490	19	911	43	1017	8

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

Species	CLEA	CRAW	CUMB	DAUP	DELA	ELK	ERIE	FAYE	FORE	FRAN	FULT	GREE	HUNT	INDI	JEFF
Eastern Meadowlark	10	3	22	6	1	3	-	-	2	65	10	83	2	63	1
Rusty Blackbird	-	-	-	-	-	-	-	-	-	7	-	-	1	-	-
Common Grackle	47	28	520	503	91	101	170	-	33	1129	12	429	45	795	7
Brown-headed Cowbird	28	12	60	73	31	25	18	3	7	192	2	252	15	147	5
Orchard Oriole	-	-	-	4	-	-	-	-	-	25	1	86	5	15	-
Baltimore Oriole	6	23	69	145	65	-	39	-	7	242	18	288	36	218	3
Purple Finch	3	1	10	8	-	9	-	-	2	31	-	17	3	36	1
House Finch	14	5	113	174	123	14	13	-	2	183	8	114	14	168	4
Pine Siskin	9	-	1	3	-	-	-	-	-	6	-	5	6	4	-
American Goldfinch	10	32	217	241	-	62	76	12	34	426	38	482	85	495	7
Evening Grosbeak	-	-	-	-	-	17	-	-	1	-	-	-	-	-	-
House Sparrow	11	18	234	248	55	10	11	-	16	625	3	371	9	220	12
Accipiter Sp.	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Buteo Sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peep sp.	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
Gull sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Empid sp.	-	-	-	-	-	-	2	-	-	-	-	-	-	5	-
Crow sp.	-	-	-	24	-	-	-	-	-	-	-	-	-	2	-
Chickadee sp.	-	-	-	48	-	-	-	-	-	-	-	-	-	-	-
Thrush sp.	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-
Brewster's Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Lawrence's Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chukar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total birds (incl misc)	945	1405	6779	8833	3870	1122	7954	198	948	14501	897	13791	2573	14725	207
Total species	84	114	149	151	132	72	125	37	92	161	111	126	135	154	53
Number of Parties	5	1	10	26	16	6	7	2	2	59	1	35	6	40	1
Number of Observers	6	3	16	50	21	6	9	24	3	87	1	35	6	63	2
Hours	36.5	16	75.5	129.75	67	26	38.75	2	19.5	321	11	128.75	38.5	239.5	12

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

Species	JUNI	LACK	LANC	LAWR	LEBA	LEHI	LUZE	LYCO	McKE	MERC	MIFF	MONG	MONO	NORH	NUMB
Red-throated Loon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Common Loon	-	-	4	-	-	1	-	1	-	-	-	-	-	-	-
Pied-billed Grebe	1	-	1	1	-	-	-	-	-	1	-	-	-	-	-
Eared Grebe	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Double-crested Cormorant	64	-	122	2	-	-	4	-	-	-	-	2	-	-	-
American Bittern	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Great Blue Heron	20	2	43	13	8	4	23	18	1	1	2	4	1	16	-
Great Egret	3	-	10	-	1	-	-	-	-	-	-	1	-	-	-
Snowy Egret	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Green Heron	23	-	5	5	3	-	8	2	-	4	-	1	2	4	-
Black-crowned Night-Heron	-	-	136	-	1	-	-	-	-	-	-	-	-	-	-
Yellow-crowned Night-Heron	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Glossy Ibis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black Vulture	12	-	47	-	9	-	2	-	-	-	2	3	-	7	-
Turkey Vulture	118	3	171	9	108	6	52	61	16	5	33	21	2	58	-
Snow Goose	-	-	24	-	17	-	-	-	-	-	-	-	-	4	-
Canada Goose	115	7	914	348	902	67	353	53	16	31	36	102	30	258	1
Mute Swan	2	-	4	-	-	-	-	-	-	-	-	-	-	10	-
Tundra Swan	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Wood Duck	156	2	98	59	10	-	21	17	2	3	-	16	-	8	-
Gadwall	-	-	-	2	-	-	-	-	-	1	-	-	-	-	-
American Wigeon	-	-	3	6	2	-	-	-	-	-	-	-	-	-	-
American Black Duck	-	-	6	-	6	-	1	-	-	-	-	-	-	-	-
Mallard	155	4	185	55	101	37	89	31	7	5	4	56	4	61	-
Blue-winged Teal	-	-	1	7	-	-	-	-	-	-	-	-	-	-	-
Northern Shoveler	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northern Pintail	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Green-winged Teal	-	-	1	-	-	-	2	-	-	-	-	-	-	-	-
Canvasback	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring-necked Duck	-	-	2	3	2	-	-	-	-	-	-	-	-	1	-
Greater Scaup	-	-	-	4	4	-	-	-	-	-	-	-	-	1	-
Lesser Scaup	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-
White-winged Scoter	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Long-tailed Duck	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Bufflehead	-	-	-	-	-	-	-	4	-	-	-	-	-	1	-
Common Goldeneye	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Hooded Merganser	10	-	-	-	-	-	2	1	-	1	-	-	-	-	-
Common Merganser	-	-	7	-	-	-	39	42	6	-	-	-	-	4	-
Red-breasted Merganser	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ruddy Duck	-	-	4	-	4	-	-	15	-	-	-	-	-	-	-
Osprey	3	-	3	14	-	-	1	8	-	1	-	-	-	2	-
Mississippi Kite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bald Eagle	1	-	27	-	-	-	3	2	-	2	-	-	-	2	-
Northern Harrier	-	-	1	2	1	1	2	2	-	1	-	2	-	-	-
Sharp-shinned Hawk	3	-	5	2	1	1	1	1	2	1	2	2	-	1	-
Cooper's Hawk	-	-	3	1	2	-	3	2	2	-	1	2	-	3	-
Northern Goshawk	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Red-shouldered Hawk	1	-	-	3	-	-	4	-	-	-	-	-	-	-	-
Broad-winged Hawk	4	-	7	-	1	1	9	2	3	-	-	1	-	2	-
Red-tailed Hawk	39	1	49	6	15	14	16	10	6	2	6	8	4	27	1
Rough-legged Hawk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
American Kestrel	7	1	18	6	5	9	8	4	2	1	-	2	2	4	2
Merlin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peregrine Falcon	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-
Ring-necked Pheasant	3	-	4	4	2	1	1	1	-	2	-	-	2	3	-
Ruffed Grouse	5	-	-	1	3	-	4	3	7	-	-	-	-	1	-
Wild Turkey	18	-	1	6	2	-	20	7	2	1	-	14	-	10	-

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

Species	JUNI	LACK	LANC	LAWR	LEBA	LEHI	LUZE	LYCO	McKE	MERC	MIFF	MONG	MONO	NORH	NUMB
Northern Bobwhite	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Virginia Rail	-	-	2	3	-	-	1	-	1	-	-	-	-	-	-
Sora	-	-	1	3	-	-	1	-	2	-	-	-	-	-	-
Common Moorhen	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-
American Coot	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-
Sandhill Crane	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Black-bellied Plover	-	-	24	-	-	-	-	-	-	-	-	-	-	-	-
Semipalmated Plover	-	-	21	2	-	-	-	-	-	-	-	-	-	-	-
Killdeer	29	1	34	39	11	5	30	5	4	5	12	5	-	7	6
Greater Yellowlegs	-	-	12	6	3	2	2	1	-	-	-	1	-	-	-
Lesser Yellowlegs	-	-	46	17	5	5	-	-	-	-	-	1	-	-	-
Solitary Sandpiper	25	-	38	4	22	7	9	3	1	1	1	3	-	6	-
Spotted Sandpiper	178	-	62	7	14	5	28	11	2	2	2	3	-	34	-
Upland Sandpiper	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-
Sanderling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semipalmated Sandpiper	-	-	9	9	-	-	-	-	-	-	-	-	-	-	-
Least Sandpiper	-	-	259	18	-	2	7	-	-	-	-	1	-	26	-
White-rumped Sandpiper	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pectoral Sandpiper	-	-	-	1	-	-	7	-	-	-	-	-	-	-	-
Dunlin	-	-	12	2	-	-	1	-	-	-	-	-	-	-	-
Short-billed Dowitcher	-	-	-	5	2	-	-	-	-	-	-	-	-	-	-
Common Snipe	1	-	-	1	-	-	2	-	-	-	-	-	-	-	-
American Woodcock	3	-	2	-	2	-	6	2	1	-	-	-	-	-	-
Wilson's Phalarope	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laughing Gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Little Gull	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Bonaparte's Gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring-billed Gull	149	-	2	-	-	-	1	265	-	3	-	-	-	15	-
Herring Gull	-	-	718	-	-	-	-	-	-	-	2	-	-	-	-
Lesser Black-backed Gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glaucous Gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Great Black-backed Gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caspian Tern	-	-	28	-	-	-	-	-	-	-	-	-	-	-	-
Common Tern	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-
Forster's Tern	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-
Black Tern	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Rock Dove	266	-	176	130	178	17	155	116	1	3	90	31	11	46	6
Eurasian Collared-Dove	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mourning Dove	171	5	200	62	80	26	100	66	56	8	50	25	5	70	12
Black-billed Cuckoo	18	-	7	2	3	1	-	-	-	1	2	-	-	-	-
Yellow-billed Cuckoo	50	-	6	-	4	1	4	9	-	-	3	2	-	-	-
Barn Owl	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eastern Screech-Owl	13	-	5	1	-	-	8	-	3	-	3	1	-	4	-
Great Horned Owl	7	-	2	1	2	-	6	1	4	-	1	1	-	6	-
Barred Owl	4	-	-	2	6	-	1	1	7	1	-	-	-	2	-
Northern Saw-whet Owl	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Common Nighthawk	-	-	1	-	-	16	-	-	-	-	1	1	-	3	-
Whip-poor-will	7	-	-	-	-	16	1	-	-	-	1	-	-	1	-
Chimney Swift	195	-	90	39	120	38	181	21	-	3	2	20	-	37	2
Ruby-throated Hummingbird	40	-	17	7	13	-	9	8	6	5	25	5	-	13	-
Belted Kingfisher	22	1	17	3	6	4	8	3	2	2	2	4	-	1	-
Red-headed Woodpecker	-	-	1	2	-	-	2	-	-	2	3	-	-	-	1
Red-bellied Woodpecker	-	-	103	11	49	7	13	9	-	3	17	19	3	24	9
Yellow-bellied Sapsucker	-	-	-	-	-	2	6	3	23	6	-	-	-	1	-
Downy Woodpecker	80	1	40	11	26	7	33	10	2	6	20	7	1	14	2
Hairy Woodpecker	18	-	8	2	10	3	13	7	1	1	6	2	-	2	1
Northern Flicker	76	-	52	5	32	5	38	12	9	4	28	10	2	14	4

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

Species	JUNI	LACK	LANC	LAWR	LEBA	LEHI	LUZE	LYCO	McKE	MERC	MIFF	MONG	MONO	NORH	NUMB
Pileated Woodpecker	48	1	6	2	11	-	8	8	1	1	5	-	1	3	1
Olive-sided Flycatcher	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eastern Wood-Pewee	25	3	24	1	11	2	2	2	-	3	-	1	1	7	1
Yellow-bellied Flycatcher	1	-	1	-	1	-	-	-	1	-	-	1	-	-	-
Acadian Flycatcher	13	-	4	4	7	-	1	3	-	1	-	1	-	-	-
Alder Flycatcher	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-
Willow Flycatcher	1	-	1	1	3	1	1	1	-	1	-	-	-	-	-
Least Flycatcher	3	-	-	2	3	-	35	9	21	2	1	1	1	5	-
Eastern Phoebe	110	3	55	9	26	5	35	30	20	5	9	11	5	18	-
Great Crested Flycatcher	98	-	57	2	39	4	14	16	-	10	9	6	1	17	1
Eastern Kingbird	63	-	84	5	23	8	12	9	5	3	1	7	-	13	2
Loggerhead Shrike	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White-eyed Vireo	3	-	24	2	10	-	1	1	-	-	1	2	-	1	-
Blue-headed Vireo	12	-	3	-	4	1	24	9	62	1	2	1	-	3	-
Yellow-throated Vireo	23	-	6	2	1	2	3	-	1	3	2	-	-	2	-
Warbling Vireo	89	-	24	7	8	6	13	1	2	1	-	4	-	13	-
Philadelphia Vireo	8	-	-	-	-	6	-	-	1	-	-	2	-	-	-
Red-eyed Vireo	251	-	161	52	144	23	48	36	64	11	21	12	-	20	-
Blue Jay	464	2	283	26	181	110	180	67	36	5	80	29	8	125	3
American Crow	278	-	262	61	208	40	260	90	68	7	72	31	11	112	-
Fish Crow	11	-	79	-	55	-	9	2	-	-	1	-	2	8	1
Common Raven	10	-	-	-	2	-	7	4	5	-	1	-	-	-	-
Horned Lark	4	-	12	6	-	-	6	-	-	2	3	-	-	2	2
Purple Martin	245	-	220	2	48	-	4	8	-	185	35	-	-	-	-
Tree Swallow	134	-	373	128	354	15	490	393	37	20	26	60	10	135	1
N. Rough-winged Swallow	68	-	89	14	20	3	48	13	10	6	-	20	-	23	-
Bank Swallow	-	-	21	12	12	4	20	30	3	3	-	-	-	4	-
Cliff Swallow	26	-	1	-	2	1	14	29	113	5	-	-	-	-	-
Barn Swallow	314	5	218	89	145	75	264	119	54	34	71	3	1	53	19
Carolina Chickadee	-	-	151	-	54	-	-	-	-	-	-	17	-	2	-
Black-capped Chickadee	109	2	13	39	25	10	151	52	65	8	50	7	1	18	1
Tufted Titmouse	232	1	121	26	47	22	71	28	16	8	43	23	7	25	-
Red-breasted Nuthatch	4	1	2	1	4	4	2	-	3	-	-	-	-	1	-
White-breasted Nuthatch	63	-	24	7	9	4	29	11	2	3	19	6	4	3	-
Brown Creeper	2	-	-	-	2	-	5	5	2	1	-	-	-	1	-
Carolina Wren	114	-	76	13	45	5	16	9	-	-	17	12	-	11	-
House Wren	66	3	81	17	64	7	31	19	18	10	28	7	6	28	2
Winter Wren	-	-	-	-	2	-	1	2	4	-	-	-	-	-	-
Marsh Wren	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Golden-crowned Kinglet	-	-	-	-	-	-	6	1	3	-	-	-	-	-	-
Ruby-crowned Kinglet	19	-	13	7	10	1	12	15	18	3	-	1	-	6	-
Blue-gray Gnatcatcher	69	-	59	17	26	3	21	10	5	8	-	8	-	18	1
Eastern Bluebird	110	1	142	28	72	17	38	31	14	5	28	19	5	21	5
Veery	5	1	79	5	52	1	14	12	1	1	-	9	-	4	-
Gray-cheeked Thrush	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-
Swainson's Thrush	2	-	7	-	1	6	2	2	3	2	-	4	-	1	-
Hermit Thrush	5	-	3	1	-	-	25	12	5	1	-	-	-	1	-
Wood Thrush	113	-	363	56	230	21	28	33	17	9	17	9	3	48	-
American Robin	488	11	823	224	407	84	569	128	117	32	241	47	15	235	53
Gray Catbird	449	1	451	72	361	41	154	48	22	14	31	29	22	173	3
Northern Mockingbird	1	1	70	3	32	15	5	5	-	2	26	8	5	11	5
Brown Thrasher	22	-	12	1	27	2	8	4	2	1	7	2	-	5	-
European Starling	596	4	615	186	1094	115	480	99	157	32	51	25	-	291	48
American Pipit	6	-	40	12	12	15	-	-	6	20	-	-	-	1	-
Cedar Waxwing	221	-	72	44	68	-	78	4	7	1	17	17	-	27	-
Blue-winged Warbler	7	-	22	23	29	1	3	-	2	7	-	1	-	13	-
Golden-winged Warbler	11	-	1	-	1	-	1	-	1	-	2	-	-	-	-

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

Species	JUNI	LACK	LANC	LAWR	LEBA	LEHI	LUZE	LYCO	McKE	MERC	MIFF	MONG	MONO	NORH	NUMB
Tennessee Warbler	6	-	1	2	1	2	-	-	1	10	-	1	-	-	-
Orange-crowned Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nashville Warbler	8	-	5	1	6	1	5	2	4	4	-	-	-	4	-
Northern Parula	10	-	25	4	7	2	6	2	1	3	-	7	-	5	-
Yellow Warbler	85	-	89	84	91	13	148	54	32	5	14	9	2	53	1
Chestnut-sided Warbler	4	-	37	18	17	3	31	25	31	8	3	2	2	8	-
Magnolia Warbler	47	-	40	19	49	10	26	18	53	9	12	3	-	17	-
Cape May Warbler	-	-	-	-	-	-	1	-	-	-	2	-	-	-	1
Black-throated Blue Warbler	19	-	41	-	34	2	9	34	12	4	11	5	-	4	-
Yellow-rumped Warbler	286	-	264	45	115	11	154	46	76	13	12	24	6	6	-
Black-throated Green Warbler	61	-	54	2	93	-	63	86	76	6	4	6	-	8	-
Blackburnian Warbler	11	-	7	8	4	2	24	14	63	5	3	1	-	4	-
Yellow-throated Warbler	-	-	2	2	3	-	-	-	-	-	-	1	-	1	-
Pine Warbler	1	-	1	-	4	2	1	4	3	-	-	1	-	-	-
Prairie Warbler	14	-	2	-	6	-	9	2	1	-	-	1	1	6	-
Palm Warbler	1	-	1	3	-	-	-	2	3	1	-	1	-	-	-
Bay-breasted Warbler	5	-	1	-	-	2	2	-	4	3	-	3	-	-	-
Blackpoll Warbler	16	-	5	-	-	2	4	-	-	-	-	2	-	-	-
Cerulean Warbler	8	-	1	1	-	-	-	-	1	4	-	-	-	-	-
Black-and-white Warbler	17	-	30	4	42	2	28	30	14	4	8	4	-	14	-
American Redstart	78	-	27	8	32	10	36	17	53	6	14	-	-	18	-
Prothonotary Warbler	-	-	1	-	-	-	1	1	1	-	-	-	-	-	-
Worm-eating Warbler	39	-	7	1	5	6	4	3	-	-	3	1	4	4	-
Ovenbird	125	-	188	1	250	6	164	158	40	9	18	15	4	24	-
Northern Waterthrush	7	-	30	2	3	1	7	2	2	1	-	2	-	1	-
Louisiana Waterthrush	34	-	20	-	4	1	9	2	-	1	-	3	-	-	-
Kentucky Warbler	1	-	2	-	5	-	-	-	-	-	-	-	-	-	-
Connecticut Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mourning Warbler	-	-	1	-	-	1	-	-	-	-	2	-	-	-	-
Common Yellowthroat	183	-	147	70	179	8	129	64	56	6	20	9	8	58	2
Hooded Warbler	10	-	18	18	16	2	5	16	5	8	3	-	-	-	-
Wilson's Warbler	5	-	9	2	6	1	5	-	2	-	-	1	-	3	-
Canada Warbler	2	-	7	-	5	1	5	11	1	1	-	2	-	5	-
Yellow-breasted Chat	11	-	15	-	-	1	-	-	-	-	-	-	-	1	-
Scarlet Tanager	103	-	86	15	37	7	48	42	3	7	15	11	2	27	-
Northern Cardinal	327	2	347	69	270	32	100	44	12	10	57	22	7	50	10
Rose-breasted Grosbeak	26	-	35	31	27	3	36	22	28	12	10	3	-	20	-
Blue Grosbeak	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Indigo Bunting	187	-	131	4	37	6	34	8	6	8	28	2	-	7	-
Eastern Towhee	83	-	86	48	98	4	50	66	15	6	25	3	1	37	-
American Tree Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chipping Sparrow	205	1	132	65	52	34	158	62	63	6	68	8	1	37	4
Clay-colored Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Sparrow	59	-	40	18	31	5	26	17	37	10	10	3	1	23	3
Vesper Sparrow	2	-	-	-	-	-	1	-	2	-	1	-	-	6	10
Savannah Sparrow	5	-	12	13	1	1	5	-	4	3	4	-	-	7	3
Grasshopper Sparrow	7	-	5	3	1	1	12	-	1	1	-	-	-	-	2
Henslow's Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fox Sparrow	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Song Sparrow	473	-	185	120	125	24	142	50	75	7	46	18	1	60	10
Lincoln's Sparrow	1	-	5	-	2	-	2	-	1	-	-	-	-	-	-
Swamp Sparrow	5	-	13	15	3	1	28	1	25	1	-	2	-	-	-
White-throated Sparrow	51	-	154	3	156	12	53	34	25	2	14	6	4	47	-
White-crowned Sparrow	9	-	18	7	10	1	13	5	5	7	-	-	1	6	-
Dark-eyed Junco	5	2	-	-	-	1	23	20	49	-	11	-	-	-	-
Bobolink	11	-	97	218	14	22	29	17	20	1	1	70	-	5	-
Red-winged Blackbird	639	7	436	383	56	75	314	120	153	20	68	143	4	92	30

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

Species	JUNI	LACK	LANC	LAWR	LEBA	LEHI	LUZE	LYCO	McKE	MERC	MIFF	MONG	MONO	NORH	NUMB
Eastern Meadowlark	28	-	13	28	6	7	30	4	11	7	7	-	1	4	5
Rusty Blackbird	-	-	-	-	-	-	1	-	-	5	-	-	-	-	-
Common Grackle	1410	-	568	310	719	75	238	169	54	11	84	44	9	232	42
Brown-headed Cowbird	168	-	197	15	152	10	76	19	26	8	37	11	-	62	-
Orchard Oriole	27	-	44	-	7	1	4	-	-	1	2	4	-	4	1
Baltimore Oriole	375	-	209	16	116	21	47	30	7	4	60	21	5	74	1
Purple Finch	13	-	-	3	3	-	18	-	9	3	1	-	-	2	-
House Finch	104	3	128	25	75	57	86	20	34	13	61	15	-	35	1
Pine Siskin	-	-	3	-	-	-	4	4	-	-	5	-	-	3	-
American Goldfinch	271	1	287	118	237	45	186	90	128	16	193	45	4	87	1
Evening Grosbeak	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-
House Sparrow	274	-	389	128	214	99	104	41	43	20	180	7	-	17	3
Accipiter Sp.	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Buteo Sp.	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Peep sp.	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-
Gull sp.	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Empid sp.	2	-	1	2	2	1	-	2	-	-	2	-	-	4	-
Crow sp.	-	-	65	-	-	-	-	-	-	-	-	-	-	-	10
Chickadee sp.	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-
Thrush sp.	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Brewster's Warbler	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Lawrence's Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chukar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total birds (incl misc)	13249	90	14013	4145	9209	1606	7371	3732	2555	910	2395	1368	242	3519	346
Total species	147	32	172	140	142	112	160	129	119	124	98	115	51	130	47
Number of Parties	11	1	20	2	10	3	15	7	3	3	17	1	1	10	1
Number of Observers	26	1	47	3	19	7	24	13	4	7	19	6	3	10	1
Hours	85	1.5	127	29.75	77.75	17	101	28.5	20.5	14	34.5	14	5.5	59.5	3

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

Species	PERR	PHIL	PIKE	POTT	SCHU	SNYD	SUSQ	TIOG	VENA	WASH	WAYN	WEST	WYOM	YORK
Red-throated Loon	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Common Loon	-	-	-	-	6	-	-	2	1	-	-	-	3	2
Pied-billed Grebe	-	-	-	-	1	-	-	-	-	-	-	-	1	1
Eared Grebe	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Double-crested Cormorant	-	8	-	-	2	9	-	7	3	-	1	6	1	43
American Bittern	-	-	-	-	2	-	-	-	-	-	-	-	-	-
Great Blue Heron	-	7	-	7	11	2	6	39	5	-	11	9	10	7
Great Egret	3	2	-	-	2	-	-	-	-	-	-	-	-	3
Snowy Egret	-	-	-	-	2	-	-	-	-	-	-	-	-	-
Green Heron	1	2	-	3	3	3	-	4	2	-	-	4	1	6
Black-crowned Night-Heron	2	-	-	-	-	-	-	-	-	-	-	-	-	2
Yellow-crowned Night-Heron	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glossy Ibis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black Vulture	1	-	-	-	5	-	2	-	-	-	-	-	-	13
Turkey Vulture	1	-	5	24	98	5	-	13	58	27	35	42	13	82
Snow Goose	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canada Goose	2	14	22	97	473	57	4	17	72	3	261	266	153	550
Mute Swan	-	-	-	-	6	-	-	-	-	-	-	13	1	-
Tundra Swan	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood Duck	1	14	-	10	14	9	1	8	5	2	13	13	20	31
Gadwall	-	-	-	-	-	-	-	-	-	-	-	-	-	-
American Wigeon	-	-	-	-	-	-	-	-	-	-	-	-	-	-
American Black Duck	-	-	-	-	10	-	-	-	-	-	2	-	1	-
Mallard	-	10	-	26	132	17	4	11	9	3	34	108	30	80
Blue-winged Teal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northern Shoveler	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northern Pintail	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Green-winged Teal	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Canvasback	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring-necked Duck	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Greater Scaup	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lesser Scaup	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White-winged Scoter	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Long-tailed Duck	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bufflehead	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Common Goldeneye	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hooded Merganser	-	-	-	3	-	-	-	-	1	-	9	-	1	-
Common Merganser	-	-	-	15	-	-	-	1	-	-	3	-	14	-
Red-breasted Merganser	-	-	-	-	11	-	-	-	-	-	-	-	-	-
Ruddy Duck	-	-	-	5	1	8	-	-	1	-	-	1	-	-
Osprey	8	-	-	-	-	1	7	-	-	-	-	-	-	4
Mississippi Kite	-	-	-	-	2	-	-	-	-	-	-	-	-	-
Bald Eagle	-	-	3	-	2	1	-	1	3	-	2	-	1	9
Northern Harrier	-	-	-	4	6	-	-	2	2	-	-	1	1	-
Sharp-shinned Hawk	-	-	-	-	6	-	-	-	1	-	4	5	2	-
Cooper's Hawk	-	-	-	-	5	-	-	-	1	2	1	3	-	1
Northern Goshawk	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red-shouldered Hawk	2	-	-	1	1	-	-	-	-	-	1	4	1	3
Broad-winged Hawk	1	-	-	1	6	1	-	-	2	-	5	2	1	5
Red-tailed Hawk	1	1	-	8	40	3	2	8	16	7	17	48	12	22
Rough-legged Hawk	-	-	-	-	-	-	-	-	-	-	-	-	-	-
American Kestrel	-	-	-	4	12	1	2	2	1	3	4	10	7	9
Merlin	-	-	-	-	-	-	-	-	-	-	1	-	1	-
Peregrine Falcon	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring-necked Pheasant	-	8	-	7	4	-	-	1	1	-	1	16	-	2
Ruffed Grouse	2	-	-	6	6	-	1	-	4	-	1	1	1	-
Wild Turkey	3	6	-	7	38	-	9	1	1	4	6	18	3	9

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

Species	PERR	PHIL	PIKE	POTT	SCHU	SNYD	SUSQ	TIOG	VENA	WASH	WAYN	WEST	WYOM	YORK
Northern Bobwhite	-	-	-	-	-	-	-	-	-	-	-	2	15	2
Virginia Rail	-	-	-	-	-	-	-	3	-	-	-	-	2	-
Sora	-	-	-	-	-	-	-	-	-	-	-	3	-	-
Common Moorhen	-	-	-	-	-	-	-	1	-	-	-	2	1	-
American Coot	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sandhill Crane	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black-bellied Plover	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semipalmated Plover	1	-	-	-	-	1	-	-	1	-	-	1	4	4
Killdeer	2	2	-	26	27	-	2	1	13	4	4	60	12	21
Greater Yellowlegs	-	3	-	-	-	-	-	-	1	-	-	-	-	3
Lesser Yellowlegs	-	-	-	-	1	1	-	1	2	-	3	-	4	11
Solitary Sandpiper	-	-	-	-	14	-	-	-	2	-	5	8	6	9
Spotted Sandpiper	7	4	-	10	22	9	-	5	4	1	3	16	8	56
Upland Sandpiper	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Sanderling	-	-	-	-	2	-	-	-	-	-	-	-	-	-
Semipalmated Sandpiper	-	9	-	-	-	-	-	-	-	-	-	-	-	4
Least Sandpiper	-	4	-	-	5	-	-	5	6	-	6	8	-	34
White-rumped Sandpiper	-	-	-	-	-	-	-	1	-	-	1	-	-	-
Pectoral Sandpiper	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dunlin	1	-	-	-	-	-	-	3	-	-	-	-	-	1
Short-billed Dowitcher	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Common Snipe	-	-	-	-	-	-	-	-	-	-	-	2	-	-
American Woodcock	-	-	-	2	-	-	-	-	1	-	-	1	2	-
Wilson's Phalarope	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laughing Gull	-	7	-	-	-	-	-	-	-	-	-	-	-	-
Little Gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bonaparte's Gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring-billed Gull	-	3	-	-	-	165	-	2	90	-	45	1	5	186
Herring Gull	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Lesser Black-backed Gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glaucous Gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Great Black-backed Gull	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Caspian Tern	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Common Tern	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Forster's Tern	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black Tern	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Rock Dove	-	5	-	20	142	21	-	9	15	30	10	96	33	101
Eurasian Collared-Dove	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mourning Dove	8	49	-	81	203	29	2	37	25	15	96	178	54	109
Black-billed Cuckoo	1	-	-	-	-	-	-	-	1	1	-	11	2	4
Yellow-billed Cuckoo	1	-	-	-	3	1	1	-	-	-	-	8	-	17
Barn Owl	-	-	-	-	2	-	-	-	-	-	-	-	-	-
Eastern Screech-Owl	-	-	-	1	1	-	-	-	1	-	1	4	1	-
Great Horned Owl	-	3	-	1	1	-	-	-	1	-	-	1	-	4
Barred Owl	-	-	-	1	-	-	3	-	2	2	-	2	2	1
Northern Saw-whet Owl	-	-	-	-	1	-	-	-	-	-	-	1	-	-
Common Nighthawk	2	-	-	-	5	-	-	-	3	-	-	4	-	-
Whip-poor-will	-	-	-	-	1	-	-	-	4	-	-	-	-	-
Chimney Swift	1	22	-	17	36	-	-	9	53	38	24	217	8	90
Ruby-throated Hummingbird	10	2	-	16	30	2	2	6	2	1	3	29	6	3
Belted Kingfisher	-	-	-	7	10	1	-	3	2	3	2	11	6	10
Red-headed Woodpecker	1	-	-	-	-	-	-	-	-	3	-	1	-	7
Red-bellied Woodpecker	11	4	-	-	33	2	1	2	8	5	8	95	9	58
Yellow-bellied Sapsucker	-	-	-	18	1	-	2	2	5	-	12	1	7	-
Downy Woodpecker	1	8	2	10	42	-	2	5	2	2	13	25	14	22
Hairy Woodpecker	-	3	2	9	10	-	1	1	4	-	8	9	2	5
Northern Flicker	2	5	-	27	43	3	-	6	4	2	24	40	14	22

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

Species	PERR	PHIL	PIKE	POTT	SCHU	SNYD	SUSQ	TIOG	VENA	WASH	WAYN	WEST	WYOM	YORK
Pileated Woodpecker	5	-	1	6	15	-	1	1	2	-	5	23	5	2
Olive-sided Flycatcher	-	-	-	-	1	-	-	-	-	-	-	1	-	-
Eastern Wood-Pewee	-	-	-	1	10	-	-	-	1	3	4	17	-	34
Yellow-bellied Flycatcher	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Acadian Flycatcher	-	1	-	-	3	-	2	-	1	6	2	22	-	13
Alder Flycatcher	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Willow Flycatcher	-	1	-	-	2	-	-	1	3	1	1	12	1	-
Least Flycatcher	-	1	-	1	14	-	4	4	-	-	19	8	16	1
Eastern Phoebe	6	1	8	34	54	1	3	11	7	7	30	66	31	37
Great Crested Flycatcher	2	-	-	-	42	-	-	-	1	-	9	7	10	38
Eastern Kingbird	-	11	-	11	24	7	3	4	11	4	18	17	13	35
Loggerhead Shrike	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White-eyed Vireo	-	16	-	-	3	-	-	-	1	2	-	30	-	19
Blue-headed Vireo	-	1	-	12	27	-	1	-	7	-	28	14	2	-
Yellow-throated Vireo	-	1	-	-	3	-	-	1	8	1	39	15	9	10
Warbling Vireo	2	7	-	-	1	-	-	5	6	7	2	15	11	16
Philadelphia Vireo	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Red-eyed Vireo	19	20	-	10	145	-	1	6	21	16	83	172	14	91
Blue Jay	38	30	-	100	348	11	6	19	9	12	81	185	49	74
American Crow	21	52	12	151	313	42	2	29	15	18	92	226	87	184
Fish Crow	3	15	-	-	7	-	-	-	-	-	1	1	-	16
Common Raven	-	-	-	8	2	-	-	2	-	-	1	2	3	-
Horned Lark	-	-	-	-	4	-	-	-	3	3	-	12	3	1
Purple Martin	-	-	-	-	66	-	-	-	-	-	9	-	-	64
Tree Swallow	6	430	-	97	233	79	4	69	228	12	304	154	78	119
N. Rough-winged Swallow	7	8	-	7	35	28	-	7	12	1	37	37	15	30
Bank Swallow	6	14	-	-	41	-	-	-	34	-	4	-	3	14
Cliff Swallow	-	-	-	38	54	-	-	41	15	-	4	1	-	9
Barn Swallow	-	6	-	86	235	12	5	35	16	29	156	249	74	125
Carolina Chickadee	2	21	-	-	-	-	-	-	-	5	-	14	-	66
Black-capped Chickadee	5	-	20	60	110	3	1	19	10	-	241	51	34	1
Tufted Titmouse	14	21	17	2	126	3	-	6	4	16	15	112	38	54
Red-breasted Nuthatch	2	1	-	4	1	-	2	-	1	-	6	9	2	-
White-breasted Nuthatch	5	2	-	14	25	2	3	5	2	3	28	24	13	13
Brown Creeper	-	-	-	2	4	-	1	-	2	-	3	-	4	-
Carolina Wren	3	15	-	-	18	1	-	-	1	14	-	65	10	67
House Wren	9	49	-	11	-	3	3	12	2	8	28	51	21	55
Winter Wren	-	-	-	2	1	-	-	-	1	-	2	4	-	-
Marsh Wren	-	11	-	-	1	-	-	-	-	-	1	-	-	-
Golden-crowned Kinglet	-	-	-	-	5	-	-	-	-	-	-	6	2	-
Ruby-crowned Kinglet	3	2	-	2	25	-	2	2	2	-	3	5	3	9
Blue-gray Gnatcatcher	2	4	-	-	39	-	-	5	11	5	24	92	4	87
Eastern Bluebird	12	-	-	20	69	7	4	10	13	16	44	96	20	80
Veery	-	4	-	6	25	-	6	1	2	-	21	18	13	26
Gray-cheeked Thrush	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Swainson's Thrush	-	3	-	-	5	-	-	-	3	-	-	9	1	5
Hermit Thrush	-	-	-	11	20	-	-	2	5	-	6	7	8	3
Wood Thrush	1	14	-	4	88	3	1	5	24	21	3	208	32	119
American Robin	17	208	13	243	509	59	15	57	52	123	373	1038	259	372
Gray Catbird	8	155	1	34	361	20	5	42	10	14	88	231	80	250
Northern Mockingbird	1	9	-	-	29	2	-	-	-	10	2	37	-	111
Brown Thrasher	4	4	-	5	3	3	-	5	3	1	8	23	7	16
European Starling	7	21	-	88	316	100	8	52	58	55	161	690	121	229
American Pipit	-	-	-	-	4	-	-	-	4	-	-	-	-	-
Cedar Waxwing	4	15	-	-	11	-	-	9	2	-	2	45	15	67
Blue-winged Warbler	3	-	-	2	43	-	-	3	12	2	1	16	3	12
Golden-winged Warbler	-	-	-	-	2	-	-	-	2	2	1	2	-	-

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

Species	PERR	PHIL	PIKE	POTT	SCHU	SNYD	SUSQ	TIOG	VENA	WASH	WAYN	WEST	WYOM	YORK
Tennessee Warbler	-	-	-	-	3	-	-	-	1	-	-	8	-	-
Orange-crowned Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nashville Warbler	2	1	-	2	3	-	1	-	-	-	-	10	1	1
Northern Parula	-	13	-	-	19	-	-	-	6	-	5	10	1	47
Yellow Warbler	1	24	1	29	96	13	6	39	28	33	97	207	54	42
Chestnut-sided Warbler	4	3	-	40	39	2	11	12	11	-	51	54	11	8
Magnolia Warbler	3	10	-	14	17	-	-	3	16	-	46	38	2	22
Cape May Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black-throated Blue Warbler	4	8	-	6	33	2	-	-	-	-	22	47	1	36
Yellow-rumped Warbler	10	92	-	4	48	1	4	5	5	-	69	17	28	64
Black-throated Green Warbler	10	11	-	27	72	1	6	4	25	-	118	58	24	15
Blackburnian Warbler	-	-	-	15	12	-	1	-	18	1	16	14	1	4
Yellow-throated Warbler	-	2	-	-	-	-	-	-	1	1	-	13	-	4
Pine Warbler	-	1	-	-	12	-	-	-	-	-	6	1	4	1
Prairie Warbler	8	-	-	-	19	-	3	-	2	1	2	3	3	13
Palm Warbler	-	-	-	1	3	-	-	1	-	-	-	2	-	-
Bay-breasted Warbler	-	1	-	-	3	-	-	-	3	-	4	5	1	1
Blackpoll Warbler	-	3	-	-	-	-	-	-	-	-	2	1	-	2
Cerulean Warbler	-	-	-	-	1	-	-	-	4	5	1	18	-	4
Black-and-white Warbler	5	4	-	1	93	-	2	-	8	-	59	17	8	6
American Redstart	2	18	1	9	63	-	1	12	9	1	119	92	38	63
Prothonotary Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Worm-eating Warbler	3	-	-	-	22	-	-	-	-	-	-	-	-	14
Ovenbird	15	3	-	35	247	-	9	3	15	-	87	70	44	91
Northern Waterthrush	1	4	-	-	4	-	-	-	-	-	2	8	3	3
Louisiana Waterthrush	-	-	-	-	8	-	-	-	5	2	2	16	2	10
Kentucky Warbler	1	-	-	-	2	-	-	-	1	3	-	19	-	16
Connecticut Warbler	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Mourning Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Common Yellowthroat	6	50	-	38	234	1	11	36	13	16	72	142	44	61
Hooded Warbler	1	1	-	2	32	-	-	1	12	4	-	52	-	5
Wilson's Warbler	-	1	-	1	1	-	-	-	1	-	1	1	1	2
Canada Warbler	-	2	-	2	6	-	-	-	-	-	6	5	2	2
Yellow-breasted Chat	6	-	-	-	6	-	-	-	-	-	-	9	-	4
Scarlet Tanager	4	5	-	6	133	-	4	43	13	6	41	92	21	78
Northern Cardinal	19	27	4	15	170	19	1	21	24	27	32	257	60	180
Rose-breasted Grosbeak	1	-	-	26	48	-	8	11	18	4	21	90	32	6
Blue Grosbeak	-	2	-	-	-	-	-	-	-	-	-	1	-	-
Indigo Bunting	25	-	2	6	102	-	-	2	7	18	7	141	11	92
Eastern Towhee	5	6	-	33	102	2	2	3	9	16	21	254	22	55
American Tree Sparrow	23	3	12	93	217	2	8	9	15	11	84	192	83	85
Chipping Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clay-colored Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Sparrow	9	5	-	16	48	5	-	11	5	9	7	56	3	29
Vesper Sparrow	-	-	-	1	2	-	-	-	-	-	-	5	-	2
Savannah Sparrow	-	-	-	24	4	-	-	-	5	2	-	9	5	1
Grasshopper Sparrow	-	-	-	2	-	-	-	-	5	-	-	7	-	3
Henslow's Sparrow	-	-	-	-	-	-	-	-	3	-	-	1	-	-
Fox Sparrow	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Song Sparrow	13	43	-	-	126	10	4	52	19	46	50	264	120	83
Lincoln's Sparrow	-	-	-	1	2	-	-	-	1	-	-	1	-	-
Swamp Sparrow	-	9	-	19	5	-	-	27	5	-	8	5	4	1
White-throated Sparrow	3	15	-	16	56	-	2	8	10	-	12	3	10	36
White-crowned Sparrow	-	-	-	26	12	1	1	7	9	2	2	8	18	3
Dark-eyed Junco	-	-	-	30	6	-	1	3	2	-	5	13	5	-
Bobolink	-	-	-	108	23	-	5	15	124	3	13	5	63	12
Red-winged Blackbird	9	203	19	328	484	59	9	78	63	123	332	633	231	15

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

Species	PERR	PHIL	PIKE	POTT	SCHU	SNYD	SUSQ	TIOG	VENA	WASH	WAYN	WEST	WYOM	YORK
Eastern Meadowlark	-	-	-	21	13	-	2	2	7	9	2	46	13	13
Rusty Blackbird	-	2	-	-	5	-	-	-	-	-	1	-	-	-
Common Grackle	6	22	3	74	456	77	1	47	30	36	49	402	90	291
Brown-headed Cowbird	9	26	-	124	125	10	4	-	4	1	36	68	15	51
Orchard Oriole	-	4	-	1	3	3	-	-	4	3	-	16	-	8
Baltimore Oriole	9	33	-	30	112	11	5	17	23	25	92	153	59	93
Purple Finch	2	-	-	3	19	-	1	8	2	-	14	4	1	-
House Finch	17	6	-	12	94	2	-	2	2	8	4	92	29	69
Pine Siskin	-	-	-	5	-	-	-	-	-	-	-	-	-	-
American Goldfinch	27	22	-	168	260	6	9	35	9	33	95	300	139	163
Evening Grosbeak	-	-	-	9	-	-	-	-	-	-	-	-	-	-
House Sparrow	2	1	-	21	211	7	-	7	7	31	40	368	25	60
Accipiter Sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buteo Sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peep sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gull sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Empid sp.	-	-	-	1	2	-	1	-	-	-	-	3	-	-
Crow sp.	-	-	-	-	69	-	-	-	-	-	-	-	-	-
Chickadee sp.	-	-	-	-	-	-	-	-	-	-	31	31	-	-
Thrush sp.	-	-	-	-	2	-	-	-	-	-	-	-	-	-
Brewster's Warbler	1	-	-	-	2	-	-	-	-	-	1	-	-	-
Lawrence's Warbler	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Chukar	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Total birds (incl misc)	561	2065	148	2986	9154	973	257	1215	1680	1055	4494	10040	2943	6222
Total species	90	99	19	106	157	64	69	97	138	81	131	155	128	145
Number of Parties	1	6	1	9	39	1	3	4	4	4	4	17	6	9
Number of Observers	5	11	1	16	65	1	3	5	4	4	7	39	7	17
Hours	18.5	6	1.5	55.25	156	10.5	8.25	60.75	18	12.5	20.5	140	41.5	57.75

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

	Totals	Number of Counts	High	High Count
Red-throated Loon	2	1	2	CUMB
Common Loon	61	22	6	1
Pied-billed Grebe	31	13	9	CENT
Eared Grebe	1	1	1	LANC
Double-crested Cormorant	1065	29	300	ERIE
American Bittern	9	6	2	2
Great Blue Heron	788	47	97	GREE
Great Egret	81	17	27	DAUP
Snowy Egret	4	3	2	SCHU
Green Heron	221	41	23	JUNI
Black-crowned Night-Heron	158	7	136	LANC
Yellow-crowned Night-Heron	3	2	2	CUMB
Glossy Ibis	1	1	1	FORE
Black Vulture	181	22	47	LANC
Turkey Vulture	2458	55	223	GREE
Snow Goose	59	4	24	LANC
Canada Goose	10388	56	1105	BUCK
Mute Swan	88	12	34	BUCK
Tundra Swan	7	3	3	3
Wood Duck	995	46	156	JUNI
Gadwall	7	5	2	4
American Wigeon	13	5	6	LAWR
American Black Duck	34	10	10	SCHU
Mallard	2812	53	323	BUCK
Blue-winged Teal	27	9	7	LAWR
Northern Shoveler	2	1	2	DAUP
Northern Pintail	1	1	1	SCHU
Green-winged Teal	8	5	2	5
Canvasback	1	1	1	ERIE
Ring-necked Duck	13	7	3	LAWR
Greater Scaup	9	3	4	6
Lesser Scaup	43	3	38	ERIE
White-winged Scoter	1	1	1	MONG
Long-tailed Duck	1	1	1	LANC
Common Goldeneye	1	1	1	LUZE
Hooded Merganser	64	15	20	CUMB
Common Merganser	179	21	42	LYCO
Red-breasted Merganser	31	4	11	7
Ruddy Duck	162	15	63	BUTL
Osprey	84	20	14	LAWR
Mississippi Kite	2	1	2	SCHU
Bald Eagle	98	26	27	LANC
Northern Harrier	39	23	6	SCHU
Sharp-shinned Hawk	88	34	9	INDI
Cooper's Hawk	81	33	8	BUCK
Northern Goshawk	3	3	1	8
Red-shouldered Hawk	56	28	4	9
Broad-winged Hawk	107	40	9	LUZE
Red-tailed Hawk	934	55	94	BUCK
Rough-legged Hawk	1	1	1	FRAN
American Kestrel	267	44	19	FRAN
Merlin	3	3	1	10
Peregrine Falcon	16	5	6	DAUP
Ring-necked Pheasant	135	36	16	WEST
Ruffed Grouse	125	32	11	HUNT
Wild Turkey	564	46	139	GREE
Northern Bobwhite	29	10	15	WYOM
Virginia Rail	26	13	4	CHES
Sora	22	10	4	11
Common Moorhen	14	5	8	LAWR
American Coot	53	9	31	BUTL
Sandhill Crane	2	1	2	LAWR
Black-bellied Plover	25	2	24	LANC
Semipalmated Plover	41	10	21	LANC
Killdeer	781	52	70	FRAN
Greater Yellowlegs	101	18	24	BUCK
Lesser Yellowlegs	158	22	46	LANC
Solitary Sandpiper	357	37	61	BUCK
Spotted Sandpiper	809	48	178	JUNI
Upland Sandpiper	6	3	3	LAWR
Sanderling	2	1	2	SCHU
Semipalmated Sandpiper	42	10	9	12
Least Sandpiper	853	27	309	BUCK
White-rumped Sandpiper	3	3	1	13
Pectoral Sandpiper	11	4	7	LUZE
Dunlin	36	11	12	LANC
Short-billed Dowitcher	16	6	6	DAUP
Common Snipe	29	11	11	CAMB
American Woodcock	71	24	16	ERIE
Wilson's Phalarope	1	1	1	BUCK
Laughing Gull	206	3	183	BUCK
Little Gull	1	1	1	LANC
Bonaparte's Gull	3	2	2	CAMB
Ring-billed Gull	5794	29	4000	ERIE
Herring Gull	2078	8	1000	ERIE
Lesser Black-backed Gull	1	1	1	BUCK
Glaucous Gull	1	1	1	BUCK
Great Black-backed Gull	185	4	150	ERIE
Caspian Tern	97	5	60	ERIE
Common Tern	21	5	10	LANC
Forster's Tern	15	5	5	LANC
Black Tern	5	4	2	INDI
Rock Dove	3066	49	310	FRAN
Eurasian Collared-Dove	1	1	1	YORK
Mourning Dove	5362	57	518	FRAN
Black-billed Cuckoo	112	25	18	JUNI
Yellow-billed Cuckoo	204	31	50	JUNI
Barn Owl	15	3	9	JUNI
Eastern Screech-Owl	106	24	34	CHES
Great Horned Owl	94	32	10	CHES
Barred Owl	78	25	12	FRAN
Northern Saw-whet Owl	3	3	1	14
Common Nighthawk	50	16	16	LEHI
Whip-poor-will	96	20	16	LUZE
Chimney Swift	4351	48	976	BUCK
Ruby-throated Hummingbird	710	53	58	15
Belted Kingfisher	288	44	22	JUNI
Red-headed Woodpecker	83	22	11	16
Red-bellied Woodpecker	1754	52	182	BUCK
Yellow-bellied Sapsucker	117	23	23	McKE
Downy Woodpecker	1087	55	80	JUNI
Hairy Woodpecker	300	47	20	GREE
Northern Flicker	1342	54	113	FRAN

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

	Totals	Number of Counts	High	High Count
Pileated Woodpecker	433	50	48	JUNI
Olive-sided Flycatcher	5	5	1	17
Eastern Wood-Pewee	444	38	59	GREE
Yellow-bellied Flycatcher	9	9	1	18
Acadian Flycatcher	320	31	62	GREE
Alder Flycatcher	10	3	4	19
Willow Flycatcher	88	32	12	WEST
Least Flycatcher	234	37	35	LUZE
Eastern Phoebe	1502	57	140	INDI
Great Crested Flycatcher	811	43	98	JUNI
Eastern Kingbird	915	50	85	FRAN
Loggerhead Shrike	1	1	1	GREE
White-eyed Vireo	356	32	52	GREE
Blue-headed Vireo	367	44	62	McKE
Yellow-throated Vireo	314	37	39	WAYN
Warbling Vireo	569	41	90	BUCK
Philadelphia Vireo	44	18	10	ALLE
Red-eyed Vireo	3686	51	288	INDI
Blue Jay	6277	57	464	JUNI
American Crow	6682	57	499	INDI
Fish Crow	376	27	79	LANC
Common Raven	90	27	10	JUNI
Horned Lark	124	22	16	CHES
Purple Martin	1353	21	245	JUNI
Tree Swallow	8471	55	1012	BUTL
N. Rough-winged Swallow	1347	48	211	BUCK
Bank Swallow	797	33	289	BUTL
Cliff Swallow	1110	29	336	BUTL
Barn Swallow	6212	55	1010	BUTL
Carolina Chickadee	927	20	151	LANC
Black-capped Chickadee	2081	55	241	WAYN
Tufted Titmouse	3059	57	232	JUNI
Red-breasted Nuthatch	105	31	9	20
White-breasted Nuthatch	922	55	74	INDI
Brown Creeper	53	20	7	INDI
Carolina Wren	1456	42	123	BUCK
House Wren	1706	52	137	FRAN
Winter Wren	31	15	4	21
Marsh Wren	26	7	11	PHIL
Golden-crowned Kinglet	50	14	6	22
Ruby-crowned Kinglet	315	41	35	BERK
Blue-gray Gnatcatcher	1262	44	117	BERK
Eastern Bluebird	2335	54	268	FRAN
Veery	586	44	79	LANC
Gray-cheeked Thrush	4	4	1	23
Swainson's Thrush	136	29	27	BUCK
Hermit Thrush	205	32	25	LUZE
Wood Thrush	3765	54	363	LANC
American Robin	16770	59	1457	INDI
Gray Catbird	7603	58	645	BUCK
Northern Mockingbird	1222	40	174	FRAN
Brown Thrasher	551	47	79	FRAN
European Starling	12514	55	1094	LEBA
American Pipit	164	13	40	LANC
Cedar Waxwing	1413	38	236	BUCK
Blue-winged Warbler	509	39	60	GREE
Golden-winged Warbler	60	20	11	JUNI
Tennessee Warbler	108	25	28	ALLE
Orange-crowned Warbler	2	2	1	24
Nashville Warbler	162	33	24	ALLE
Northern Parula	430	38	66	BUCK
Yellow Warbler	3710	57	360	GREE
Chestnut-sided Warbler	810	52	54	WEST
Magnolia Warbler	935	47	73	ALLE
Cape May Warbler	23	12	4	25
Black-throated Blue Warbler	696	44	68	BUCK
Yellow-rumped Warbler	2718	53	347	BUCK
Black-throated Green Warbler	1479	50	118	WAYN
Blackburnian Warbler	385	43	63	McKE
Yellow-throated Warbler	83	18	39	GREE
Pine Warbler	92	30	15	CUMB
Prairie Warbler	295	35	60	BUCK
Palm Warbler	96	22	60	ERIE
Bay-breasted Warbler	118	25	26	ALLE
Blackpoll Warbler	94	22	19	BUCK
Cerulean Warbler	213	25	77	GREE
Black-and-white Warbler	736	49	93	SCHU
American Redstart	1671	51	222	GREE
Prothonotary Warbler	9	9	1	26
Worm-eating Warbler	229	30	45	BERK
Ovenbird	3431	52	347	BERK
Northern Waterthrush	155	32	30	LANC
Louisiana Waterthrush	272	33	34	JUNI
Kentucky Warbler	159	20	56	GREE
Connecticut Warbler	3	3	1	27
Mourning Warbler	8	6	2	28
Common Yellowthroat	3768	56	278	INDI
Hooded Warbler	512	38	63	INDI
Wilson's Warbler	88	31	9	29
Canada Warbler	135	33	12	BUCK
Yellow-breasted Chat	158	25	27	GREE
Scarlet Tanager	2169	54	184	GREE
Northern Cardinal	5645	59	548	GREE
Rose-breasted Grosbeak	1274	52	117	INDI
Blue Grosbeak	8	5	2	30
Indigo Bunting	2189	53	228	GREE
Eastern Towhee	3234	54	358	GREE
American Tree Sparrow	20	3	12	BEDF
Chipping Sparrow	4443	58	495	INDI
Clay-colored Sparrow	1	1	1	CLAI
Field Sparrow	1448	54	182	GREE
Vesper Sparrow	77	22	16	CAMB
Savannah Sparrow	259	37	40	BUTL
Grasshopper Sparrow	151	28	25	FRAN
Henslow's Sparrow	15	8	3	31
Fox Sparrow	9	4	6	BEDF
Song Sparrow	4998	54	473	JUNI
Lincoln's Sparrow	38	22	5	LANC
Swamp Sparrow	344	36	42	BUTL
White-throated Sparrow	1382	52	156	LEBA
White-crowned Sparrow	412	48	44	FRAN
Dark-eyed Junco	290	28	49	McKE
Bobolink	1554	43	239	CHES
Red-winged Blackbird	11645	57	1017	INDI

NORTH AMERICAN MIGRATION COUNT - MAY 11, 2002

	Totals	Number of Counts	High	High Count
Eastern Meadowlark	702	49	83	GREE
Rusty Blackbird	24	8	7	FRAN
Common Grackle	12011	56	1410	JUNI
Brown-headed Cowbird	3104	54	286	BUTL
Orchard Oriole	367	34	86	GREE
Baltimore Oriole	3878	54	375	JUNI
Purple Finch	320	40	36	INDI
House Finch	2758	54	183	FRAN
Pine Siskin	91	19	19	BEDF
American Goldfinch	7175	57	495	INDI
Evening Grosbeak	44	6	17	ELK
House Sparrow	5577	51	625	FRAN
Accipiter Sp.	6	4	2	32
Buteo Sp.	3	3	1	33
Peep sp.	5	2	3	LAWR
Gull sp.	3	2	2	BERK
Empid sp.	39	18	5	34
Crow sp.	186	8	69	SCHU
Chickadee sp.	189	6	59	BERK
Thrush sp.	7	5	2	35
Brewster's Warbler	6	5	2	SCHU
Lawrence's Warbler	1	1	1	SCHU
Chukar	1	1	1	SCHU
Total birds (incl misc)	258855	#	16795	BUCK
Total species	240	59	172	LANC
Number of Parties	572	#	59	FRAN
Number of Observers	1017	#	87	FRAN
Hours	3286.5	#	321	FRAN

Codes for Multiple Counts in High Column

- 1 CAMB SCHU
- 2 BEDF BERK SCHU
- 3 DAUP YORK
- 4 CRAW LAWR
- 5 DAUP LUZE TIOG
- 6 ERIE LEBa
- 7 ERIE SCHU
- 8 CENT INDI LYCO
- 9 CLAI JEFF LUZE WEST
- 10 BUCK WAYN WYOM
- 11 BEDF ERIE
- 12 LANC LAWR PHIL
- 13 DAUP TIOG WAYN
- 14 LUZE SCHU WEST
- 15 FRAN INDI
- 16 BEDF FRAN
- 17 BUCK CUMB JEFF SCHU WEST
- 18 ADAM BEDF BERK JUNI LANC LEBa McKE MONG WEST
- 19 BUTL LUZE
- 20 HUNT WEST
- 21 McKE WEST
- 22 INDI LUZE WEST
- 23 DELA FULT MONG NORH
- 24 INDI WEST
- 25 ALLE INDI
- 26 BERK BUCK DELA GREE LANC LUZE LYCO McKE YORK
- 27 CRAW DAUP WAYN
- 28 BUTL MIFF
- 29 FRAN LANC
- 30 FRAN LANC PHIL
- 31 INDI LAWR VENA
- 32 CUMB JUNI
- 33 CENT LACK LANC
- 34 ALLE INDI
- 35 LACK SCHU