

Highlights of the 2001 North American Migration Count

by Gregory S. Keller

Overview

Pennsylvania birdwatchers celebrated the 10th annual North American Migration Count (NAMC), held on 12 May 2001, by enjoying the return of migratory birds to their favorite hot spots. For the second year in a row, enthusiasm was record-breaking; 901 observers was the highest number of counters ever, and participation in 45 counties was second only to 47 counties in 2000. With record-breaking participation came a near-record count of species. We found a total of 235 species, second only to 237 species observed in 1998. Although birders throughout eastern North America were proclaiming this lackluster spring to be a migratory bust, when gathered on a single day in mid-May, Pennsylvania's birders proved to be adept at finding the elusive, the rare, and the accidental.

Weather

Rain? During the NAMC? What would a count day be without furious storms, high winds, and torrential rain to break up the monotony? As always, the weather had an influential hand in the NAMC. No matter what time the storm hit this year, nearly every county compiler reported at least a few hours of rain. Unseasonably dry weather with few low-pressure systems led to a drought of migrants during early spring. But a massive front crossed eastward through Pennsylvania during the count, and what began as dry spring day quickly turned dark. Heavy thunderstorms and relentless downpours on 12 May did not produce a fall-out of birds that one dreams of during spring, and most observers reported disappointing totals. But when taken together, the list produced by 901 counters was impressive, particularly for a rainy day.

Participation

Even though the weather dampened our individual species lists this year, it did not diminish enthusiasm. Two consecutive record years for participation bode well for the future of the NAMC in Pennsylvania. Franklin County took top honors this year in participation, with an incredible 84 observers (Table 1). As with previous years, Indiana and Chester Counties also fielded large teams. Ten counties were represented by at least 38 counters, and 17 counties had at least 20 participants.

Table 1. The most participants.

1. Franklin	84
2. Indiana	65
3. Chester	62
4. Bucks	55
5. Juniata	45
6. Dauphin	44
7. Lancaster	43
8. Berks	39
8. Greene	39
10. Allegheny	38

Although they may not have had the greatest number of participants, many counties boasted observers putting in much more than the typical 8-hour workday. Without contest, Trudy Gerlach won the Iron Woman Award for dedication. As the only participant in Bradford County, she counted birds for 16.3 hours, finding 392 individuals of 61 species (Table 2). Runners-up were Crawford, Forest, and Venango Counties, which each fielded one party and averaged approximately 15 hours. Parties in 12 counties averaged at least 9 hours.

Table 2. The greatest effort (hours/party).

1. Bradford	16.3
2. Crawford	15.0

3. Forest	15.0
4. Venango	14.5
5. Luzerne	11.9
6. Butler	11.5
7. Lackawanna	10.1
8. Blair	10.0
9. Westmoreland	9.9
10. Clarion	9.8
11. Huntingdon	9.4
12. Bucks	9.1

Species Lists

Lancaster County led the day with a total of 158 species out of the 235 total observed in all counties combined (Table 3). Four counties topped the 150-species mark, and 31 counties topped the 100-species mark. The average number of species per county was 111.=

Table 3. The top counts (number of species).

1. Lancaster	158
2. Franklin	155
2. Indiana	155
4. Luzerne	153
5. Westmoreland	145
6. Berks	143
6. Bucks	143
6. Butler	143
9. Schuylkill	139
10. Dauphin	138
10. Juniata	138

Several counties boasted the highest counts for individual species. But Franklin, with 35, and Indiana, with 33, were far above the others (Table 4).

Table 4. Most high counts of individual species.

1. Franklin	35
2. Indiana	33
3. Lancaster	24
4. Bucks	16
5. Greene	12
5. Juniata	12
7. Butler	11
7. Erie	11
7. Luzerne	11
7. Westmoreland	11

Even more impressive was the list of counties that contained the most unique species. Lancaster led the way with four species, followed by Indiana and Westmoreland with three unique species each (Table 5). Ten counties had one unique species.

Table 5. Counties containing the most unique species.

1. Lancaster	4
2. Indiana	3
2. Westmoreland	3
4. Cambria	2
4. Franklin	2

They are the typical birds that one encounters in nearly every site and habitat in eastern North America; 13 ubiquitous species were detected in all 44 counties (Table 6). Although not a particularly interesting group of species, it is a testament of the skill of observers that such a large group of widespread species was found.

Table 6. The most widespread species (found in every county).

1. Mourning Dove
2. Northern Flicker
3. Eastern Phoebe
4. American Crow
5. Tree Swallow
6. American Robin
7. Gray Catbird
8. Common Yellowthroat
9. Northern Cardinal
10. Eastern Towhee
11. Song Sparrow
12. Brown-headed Cowbird
13. Baltimore Oriole

Once again, permanent residents and short-distance migrants dominated the list of most abundant species; only the Barn Swallow represented long-distance migratory species returning to Pennsylvania (Table 7). Of the 207,958 individuals recorded during the NAMC, here are the 10 most abundant.

Table 7. The most abundant species (total individuals).

1. American Robin	15850
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2. European Starling	11931
3. Common Grackle	11124
4. Red-winged Blackbird	11056
5. Canada Goose	9059
6. American Crow	7820
7. Tree Swallow	7411
8. Barn Swallow	6389
9. Gray Catbird	5727
10. Mourning Dove	5028

The list of Neotropical migrants was composed entirely of species that nest in Pennsylvania rather than those that pass through the state (Table 8). Here is a list of the top 20 species, out of 77 species detected by all counties combined, that predominately winter in the West Indies, Mexico, Central and South America.

Table 8. Most abundant Neotropical migrants.

1. Barn Swallow	6389
2. Red-eyed Vireo	3926
3. Ovenbird	3681
4. Wood Thrush	3333
5. Yellow Warbler	3245
6. Baltimore Oriole	3023
7. Chimney Swift	2640
8. Indigo Bunting	2201
9. Scarlet Tanager	1717
10. Bank Swallow	1439
11. Bobolink	1224
12. Northern Rough-winged Swallow	983
13. American Redstart	987
14. Purple Martin	918
15. Rose-breasted Grosbeak	794
16. Black-throated Green Warbler	774
17. Eastern Kingbird	758
18. Great Crested Flycatcher	754
19. Cliff Swallow	713
20. Chestnut-sided Warbler	627

The list of most abundant passage transients, those species that are never resident in Pennsylvania, whether as summer breeders or winter residents, was an interesting mix of waterbirds and warblers (Table 9). They were not particularly abundant, as the top transient was only the 62nd most abundant species.

Table 9. Most abundant passage transients.

1. Least Sandpiper	692
2. Laughing Gull	678
3. Solitary Sandpiper	253
4. Semipalmated Sandpiper	170
5. Blackpoll Warbler	103
6. Tennessee Warbler	91
7. Forster's Tern	62
8. Greater Yellowlegs	59
9. Bay-breasted Warbler	55
10. Lesser Yellowlegs	43

According to the same criterion as above, a paltry 12 passerine transient species were detected during the count (Table 10). With the exception of Blackpoll, Tennessee, and Bay-breasted Warblers, numbers of individuals were very low.

Table 10. Most abundant passerine passage transients.

1. Blackpoll Warbler	103
2. Tennessee Warbler	91
3. Bay-breasted Warbler	55
4. Cape May Warbler	24
5. Wilson's Warbler	16
6. Philadelphia Vireo	15
7. Palm Warbler	11
8. Lincoln's Sparrow	9
9. Olive-sided Flycatcher	6
10. Gray-cheeked Thrush	5

General Impressions

Once again, the North American Migration Count this year left observers feeling that the day had been relatively unproductive, and few compilers were pleased with the total number of species they reported. In particular, most participants during the count noted the paucity of migrants. When combined for the entire state, however, the total number of species, including migrants, was impressive.

Although 11 wader species, including rails, was an impressive number observed during the NAMC, few were abundant or widespread. American Bittern was present in only four counties, Little Blue Heron was found in two counties, and Snowy Egret and

Yellow-crowned Night-heron were present in one county each. Waterfowl, including moorhens, were very well represented during the count with 28 species. Many species missed during last year's count were found by observers this year: Tundra Swan, Northern Shoveler, Gadwall, Greater Scaup, Long-tailed Duck, and Red-breasted Merganser in two counties, American Wigeon (Franklin), Canvasback (Lancaster), and Redhead (Erie) present in one county.

Observers detected 12 raptor species (including vultures) during the NAMC, but Northern Goshawk, Rough-legged Hawk, Merlin, and Golden Eagle all were no-shows. Seventeen shorebirds was a respectable total, including Ruddy Turnstone in Indiana, Willet in Cambria, White-rumped Sandpiper in Lancaster, and Short-billed Dowitcher in Adams. Lancaster and Luzerne were the counties boasting the most shorebirds, each with 11 species. Six gull species (Laughing, Bonaparte's, Ring-billed, Herring, and Great Black-backed), including a great find of a Common Black-headed Gull in Lancaster, and four tern species (Caspian, Common, Forster's, and Black) rounded out the waterbirds.

Six owl species were counted during the NAMC. An amazing 12 Barn Owls were found in Berks County, and two Northern Saw-whet Owls were observed in Luzerne County. Five Short-eared Owls were counted in three counties.

A single Yellow-bellied Flycatcher in Indiana County ensured that no flycatcher species were missed for all counties combined. In addition, six Olive-sided Flycatchers and six Alder Flycatchers were found in five counties each. Chester County was flycatcher central, with high counts of four species (Eastern Wood-Pewee, Acadian and Willow Flycatchers, and Eastern Kingbirds). All regular vireos also were detected and were relatively abundant. Philadelphia Vireos were practically widespread, found

in 11 counties.

All five wren species were counted during the NAMC. Four counties recorded Marsh Wrens, with a solid eight individuals in Philadelphia County. Butler County was the only spot for Sedge Wrens, but participants found three individuals. Observers in Westmoreland County were treated to a wonderful extralimital observation – Mountain Bluebird. The only thrush not found was Bicknell's; perhaps next year will be the first for this species on the count, since one was seen a day later in Bucks County. For the second year in a row, both shrikes were missed during the NAMC in Pennsylvania. Although missing Northern Shrike was not surprising, Loggerhead Shrike was not found in Adams County for the second year in a row.

The highlight of the NAMC this year certainly had to be the warblers. Always a group that enlivens any spring morning, they are usually the reason we are willing to head to our favorite hotspots at 5:30 am on a Saturday morning. In fact, they are often what make our hotspots hot. An astounding 37 species were found during the NAMC, with the only miss being the rare Connecticut Warbler. But missing Connecticut Warbler certainly was overshadowed by the presence of two very rare warblers. A singing male Kirtland's Warbler was found by John Fedak at Piney Tract in Clarion County, and a Swainson's Warbler was detected in Westmoreland County. Other rarities that were found during the count included two Orange-crowned Warblers (Indiana and Philadelphia Counties), a total of six Prothonotary Warblers in four counties, and a total of six Mourning Warblers in six counties. Berks and Westmoreland Counties were the places to find an abundance of warblers, each tallying 30 species during the NAMC, followed by Indiana County with 29 warbler species.

Sparrow species also were well represented this year. A total of 15 species were found during the count, with a few stragglers staying in Pennsylvania late into the spring: three American Tree Sparrows in Franklin County, five Fox Sparrows in three counties, nine Lincoln's Sparrows in five counties, and widespread White-throated and White-crowned Sparrows. In addition, Clay-colored Sparrows were detected in both Clarion and York Counties.

Whereas southern specialties (Yellow-throated, Prothonotary, and Swainson's Warblers, Summer Tanager, and Blue Grosbeak) and northern breeders (Lapland Longspur, and Rusty Blackbird) provided interesting sightings during the NAMC, winter finches were nearly non-existent. Neither crossbill was found during the count, and Common Redpolls (six individuals in Indiana), Pine Siskins (two individuals in Greene County), and Evening Grosbeaks (57 individuals in two counties) were recorded in paltry numbers.

The NAMC Future

The NAMC in Pennsylvania appears to be a project that will only continue to grow over the next several years. For at least the fifth year in a row, participation was record-breaking. Although the number of counties participating this year was down slightly from last year, the numbers of observers increased by 39. This is a testament to the degree of dedication by compilers and observers not seen in other states and only surpassed by the Christmas Bird Count. And with record-breaking participation has come wonderful observations of more than 230 species, including many rare, threatened, declining, and extralimital species.

The success of the NAMC during 2001 was due in large part to key counties that were added to this year's count, all of which provided interesting lists of species. However, even though we added

new three counties, six counties that fielded teams last year did not participate in this year's NAMC. Highlighting the PA Birds listserver on the day of the count (<http://www.virtualbirder.com/vbirder/realbirds/rbas/pa.html>), several noteworthy species would have put the 2001 NAMC into the record books for total species recorded, specifically the Black-backed Woodpecker at the Pocono Environmental Education Center and Bewick's Wren in Lehigh County.

I believe that breaking the 240-species (or even 250-species) barrier during the NAMC will require four things in future counts: 1) perfect weather; 2) a big fallout day; 3) greater coverage throughout the state with even greater participation; and 4) willingness to compile county records. We can do little to influence the weather and the abundance of birds, so 240 species is not necessarily realistic every year. However, greater coverage of the state, particularly in counties with few (or no) birders, will certainly increase the number of individuals AND species observed. It is difficult to believe that there was not a single Connecticut Warbler skulking in an overgrown thicket or a Bicknell's Thrush foraging deep in a patch of mixed forest somewhere in Pennsylvania on 12 May 2001. Detecting the rare and secretive species simply will take a greater number of birders willing to search in the more distant regions of our state. Finally, a few dedicated birders will need to volunteer to compile observations for counties currently without coverage. Thankfully, Trudy Gerlach of Bradford County, Jim Lockyer of Delaware County, and Ben Coulter of Erie County helped to add three counties to this year's count that were missing last year. Although not a particularly difficult job, compiling records for a county does take time and patience. Perhaps with a realistic goal of adding two or three counties each year without losing counties, we subsequently can reach for record counts in

future years and document other interesting and unusual species in Pennsylvania.

Acknowledgments

I would like to extend special thanks to Katrina Knight for her patience. And to every dedicated county compiler who rallied the troops and returned forms in a timely manner, I am grateful.

Appendix. List of compilers and addresses..

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2. Allegheny (ALLE) – Paul Hess, 1412 Hawthorne St., Natrona Heights, PA 15065, 724-226-2323, phess@salsgiver.com,
3. Armstrong (ARMS) – Margaret Higbee, 3119 Creekside Dr., Indiana, PA 15701, 724-354-3493, bcoriole@twd.net
4. Berks (BERK) – Matt Wlasniewski, 21 Scenic Dr., Hamburg, PA 19526, 610-562-7550, matski@enter.net,
5. Blair (BLAI) – Marcia Bonta, P. O. Box 68, Tyrone, PA 16686, 814-684-3113, marciabonta@hotmail.com
6. Bradford (BRAD) – Trudy Gerlach, RR2 Box 228, Wyalusing, PA 18853, tgswoods@epix.net
7. Bucks (BUCK) – Diane Allison, 108 Ervin Rd., Pipersville PA 18947, 610-847-2085, dalliso@mail.ptd.net
8. Butler (BUTL) – Suzanne Butcher, 11 Norwick Dr., Youngstown, OH 44505, 330-759-1945, sarbie@msn.com
9. Cambria (CAMB) – Dave Gobert, 287 Beech Rd., Patton, PA 16668, 814-674-8359
10. Centre (CENT) – Eugene Zielinski, 1322 Old 220 Rd., Bellefonte, PA 16823, 814-353-8212, eez55@juno.com
11. Chester (CHES) – Martin Page, 9 Old Covered Bridge Road, Newtown Square, PA 19073, 610-359-9887, Martin_Page@msn.com, Gull sp. 1
12. Clarion (CLAR) – Margaret Buckwalter, 249 Maple Dr., Shippensburg, PA 16254, 814-782-3925, mbuckwalter@usachoice.net
13. Clearfield (CLEA) – Steve Belin, RR 1 Box 285, Houtzdale, PA 16651, 814-378-5848, belin@clearnet.net,
14. Crawford (CRAW) – Mavin J. Byler, 6498 Pine Rd., Hartstown, PA 16131
15. Cumberland (CUMB) – Ramsay Koury, Jr., 123 Old Ford Dr., Camp Hill, PA 17011, 717-761-1871,

- rkoury123@aol.com
16. Dauphin (DAUP) – Grace Randolph, 1060 Country Hill Dr., Harrisburg PA 17111, 717-652-8129, grandol@msn.com
17. Delaware (DELA) – Jim Lockyer, 35 Letitia Lane, Media, PA 19063, 610-565-2873, jim@jl-studio.com
18. Elk (ELK) – Frank Hughes, RD#1 Box 14A, Ridgway, PA, 15853, 814-776-1403, birder@ncentral.com
19. Erie (ERIE) – Ben Coulter, 3431 Argyle Ave., Erie, PA 16505, aeridia@velocity.net
20. Forest (FORE) – Florence McGuire, HC 1 Box 6A, Tionesta, PA 16353, 814-755-3672, mcguires@penn.com,
21. Franklin (FRAN) – J. Kenneth Gabler, 2381 Lincoln Way West, Chambersburg, PA 17201, 717-263-3164
22. Greene (GREE) – Kathy Kern, 322 Kennel Rd., Waynesburg, PA 15370, 724-627-5376, n3xsj@alltel.net,
23. Huntingdon (HUNT) – Doug Wentzel, Shaver's Creek Environmental Center, 508 A Keller Building, University Park, PA 16802, djw105@outreach.psu.edu
24. Indiana (INDI) – Margaret Higbee, 3119 Creekside Dr., Indiana, PA 15701, 724-354-3493, bcoriole@twd.net
25. Juniata (JUNI) – Linda Whitesel, RR 3 Box 820, Mifflintown, PA 7059, lkwhitesel@acsworld.net,
26. Lackawanna (LACK) – Rosann Bongey, 1414 The Hideout, Lake Ariel, PA 18436, 570-698-8266
27. Lancaster (LANC) – Bruce A. Carl, 628 Fulton St., Akron, PA 17501, 717-859-4189, carls@desupernet.net
28. Lawrence (LAWR) – Linda Wagner, 3080 Eldogor Lane, New Castle, PA 16105, LWagner342@aol.com,
29. Lebanon (LEBA) – Randy C. Miller, 607 Woodland Dr., Manheim, PA 17545, 717-664-3778
30. Luzerne (LUZE) – James T. Shoemaker, 24 Abrahams Dr., Wyoming, PA 18644, 570-693-5662, wyoshoe@aol.com
31. Lycoming (LYCO) – Wesley Egli, 105 Sherman St., Muncy, PA 17756, 570-546-3957
32. Mercer (MERC) – Neil Troyer, 876 Williamson Rd., Mercer, PA 16137
33. Mifflin (MIFF) – Margaret Kenepf, 590 Mountain Lane, McVeytown, PA 17051, mkenepp@lcworkshop.com
34. Montour (MONT) – Jon D. Beam, PPL Mountour Preserve, 700 Preserve Rd., Danville, PA 17821, 570-437-3131, jdbeam@pplweb.com
35. Perry (PERR) – Mickey Wesler and Don Orris, RR1 Box 466B, New Bloomfield, PA 17068, 717-582-

- 3262, Micganser@AOL.COM
36. Philadelphia (PHIL) – Doris McGovern, 209 Dogwood Rd., Media, PA 19063, 610-565-8484, mcgovern2@masca.museum.upenn.edu
 37. Potter (POTT) – Gary Witmer, 19 Avenue B, Coudersport, PA 16915, 814-274-7655, witmers@penn.com
 38. Schuylkill (SCHU) – Dave Krueel, 540 Pine Street, Pottsville, PA 17901, 570-622-1184, accip@pottsville.infi.net
 39. Sullivan (SULL) – Nick Kerlin, PO Box 62, Forksville, PA 18616, 570-924-3542, bluebird@epix.net,
 40. Tioga (TIOG) – Robert M. Ross, R.D. 4 Box 63, Wellsboro, PA 16901, 570-724-3322x239, rossr@usgs.gov,
 41. Venango (VENA) – Russ States, 24 East Fifth St., Oil City, PA 16301, 814-676-6320, russs@csonline.net
 42. Wayne (WAYN) – Voni and Joe Strasser, RR 2 Box 37, Hawley, PA 18428, 570-226-9856, voni@ptd.net
 43. Westmoreland (WEST) – Dick Byers, RR1 Box 270 B, Stahlstown, PA 15687, 724-593-3543, otusasio@tcsinternet.net
 44. Wyoming (WYOM) – William Reid, 36 Maple Grove Rd., Tunkhannock, PA 18657, 570-836-2734
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**Red-necked Phalarope
 August and Judy Mirabella**

Date: May 13, 2001

Location: Core Creek County Park, Bucks

Conditions: clear, sunny, seen from 100-150 feet with binoculars and scope

Description: We saw the breeding plumaged female at 11:30 AM and again about 5 :30 PM. The red neck extending from front around the sides to the back, the gray breast, white throat, dark back with lengthwise reddish stripes, dark cap, black face patch, and thin bill were typical.(Description and video submitted to PORC.) ♣

**Wilson's Phalarope
 August and Judy Mirabella**

Date: May 19, 2001

Location: Quakertown, Bucks

Conditions: clear, sunny, seen from 100-150 feet with binoculars and scope

Description: It was obviously larger than the Red-necked we had seen a few days before and had a longer thin black bill. It had a gray cap, nape, and upper

back, and had scaly looking lower back feathers with dark centers and buffy edges. There was a vertical white stripe up the back of the neck that could be seen when the neck was extended. The belly, breast, and face were white, although the sides below the neck had a gray wash. There was a dark eye line extending from bill to the dark nape. It had a white supercilium. The reddish wash on the throat extended to the edge of the gray nape. The bird fed with rapid side to side motions of its bill. It walked with its legs extending out of the water rather than swimming.(Description and video submitted to PORC.) ♣

**Bicknell's Thrush
 August and Judy Mirabella**

Date: May 13, 2001

Location: Core Creek County Park, Bucks

Conditions: clear, sunny, in the woods with filtered light, seen with binoculars and scope at 10-40 feet

Description: At approximately 6:00 PM, while waiting for DF to return from looking at a Red-necked Phalarope nearby, we heard a call near by that we knew was interesting. When DF returned, we all approached the call and found a Gray-cheeked type thrush. As we watched we noticed the tail was obviously reddish brown compared to the olive gray brown back, but not as red as Hermit Thrush. Having seen a Gray-cheeked the day before at very close range, I also felt the bird looked smaller. The face appeared to blend in more with the head and back rather than being darker gray. There was no eye-ring but, depending on the light, the area around the eye looked paler gray. The lower bill was one-half to two thirds yellow; the upper was dark. It had whitish throat with dark lateral throat stripes. The breast had the dark spots and the belly and undertail coverts were whitish. During an hour or more of observation, there was no frequent tail wagging as in Hermit Thrush.

We knew that the reddish tail indicated possible Bicknell's so we retreated to the car to study and listen to calls. Upon returning we played the call notes and song of Bicknell's and repeatedly got agitated responses to both. The response to the song was often started only maybe one-fifth into the tape song so the songs were on top of each other. A couple of times they were basically in sync. The tape and bird sounded identical to all three of us. The call notes also sounded identical to the tape. ♣

Kirtland's Warbler

John, Lisa and Danny Fedak

Date: May 12, 2001, 7AM

Location: Piney Tract, Clarion

Description: The bird was seen and heard (heard first) in the same pine tree plantation that the Clay-colored Sparrows have been breeding in. I heard a song that I know I should have known, but couldn't place when I found the singer about 50 feet away at the top of one of the pines (12-15ft high) The bird sung again when in view and I could've slapped my head for not remembering the song sooner.

The bird had a bluish-gray back, darker face with a broken eye-ring with white being on the top and bottom of the eye, the back became more grayish olive (at least less bluish) toward the sides and had darker streaking, the sides were yellow speckled with black streaks and the throat remained yellow. The breast and the belly also were unstreaked or spotted and bright yellow. The undertail was white and the bird pumped its tail 4 or 5 times. Although there was a tiny white line on the wings, it was too broken to call it a wingbar. I observed this bird for about 2 -3 minutes when a Clay-colored sparrow flew to the tree and the bird spooked off. The sparrow seemed smaller or about the same size but less bulky.

I drove to Foxburg, called the bird in, and then went back to try to document it. I searched for a long time and did manage to locate the bird on the far side of the pines just before they thin out at about 10:15 to 10:30 am. Again, the bird pumped it's tail up and down, and again was spooked as a purple finch flew to the tree. The finch was much bigger. This second observation was from about 30 feet away and was much shorter, about 1 minute at the most. The bird was moving among the branches toward the top of the tree.(about 8 feet high) and I couldn't get a picture before it flew. When it flew it went into the deeper part of the larger pines. The bird was not singing during the second observation.(Description submitted to PORC) ♣

NORTH AMERICAN MIGRATION COUNT - MAY 12, 2001

	ADAM	ALLE	ARMS	BERK	BLAI	BRAD	BUCK	BUTL	CAMB	CENT	CHES	CLAR
Common Loon	-	-	-	-	-	-	4	4	3	2	2	1
Pied-billed Grebe	-	-	-	8	-	-	-	-	-	-	1	-
Horned Grebe	-	-	-	-	-	-	1	1	-	-	-	-
Double-crested Cormorant	1	45	-	60	-	-	109	69	4	14	11	-
American Bittern	-	-	-	-	-	-	-	-	-	-	-	-
Great Blue Heron	-	18	-	24	-	2	47	21	1	3	6	2
Great Egret	-	-	-	-	-	-	5	-	-	-	-	-
Snowy Egret	-	-	-	-	-	-	-	-	-	-	-	-
Little blue Heron	-	-	-	-	-	-	-	-	-	-	1	-
Green Heron	4	4	-	12	-	-	10	9	3	1	10	3
Black-crowned Night-Heron	-	-	-	-	-	-	-	-	-	-	-	-
Yellow-crowned Night-Heron	-	-	-	-	-	-	4	-	-	-	-	-
Black Vulture	5	-	-	3	-	-	17	-	-	-	11	-
Turkey Vulture	11	46	1	69	9	-	140	10	4	36	105	8
Tundra Swan	-	-	-	-	-	-	-	-	-	-	-	-
Mute Swan	-	-	2	10	-	-	20	-	-	-	-	-
Snow Goose (white form)	-	-	-	9	-	-	-	-	-	-	-	-
Canada Goose	97	313	13	441	-	6	950	110	35	63	507	31
Wood Duck	14	16	-	21	-	2	31	15	8	19	55	2
Green-winged Teal	-	-	-	-	-	-	-	-	-	-	-	-
American Black Duck	-	-	-	3	-	-	1	1	-	-	-	-
Mallard	15	217	3	101	-	3	240	18	9	55	86	11
Northern Shoveler	-	-	-	-	-	-	-	1	-	-	-	-
Blue-winged Teal	-	1	-	-	-	-	-	6	-	-	-	-
Gadwall	-	-	-	-	-	-	-	-	-	-	1	-
American Wigeon	-	-	-	-	-	-	-	-	-	-	-	-
Canvasback	-	-	-	-	-	-	-	-	-	-	-	-
Redhead	-	-	-	-	-	-	-	-	-	-	-	-
Ring-necked Duck	-	1	-	1	-	-	-	-	-	-	2	1
Greater Scaup	-	-	-	-	-	-	-	-	-	-	-	-
Long-tailed Duck	-	-	-	-	-	-	1	-	-	-	-	-
Bufflehead	-	-	-	-	-	-	-	-	-	-	1	-
Hooded Merganser	-	-	-	-	-	-	-	7	-	-	-	-
Common Merganser	-	-	-	-	-	-	5	2	-	-	-	6
Red-breasted Merganser	-	-	-	-	-	-	-	-	-	-	-	-
Ruddy Duck	-	-	-	-	-	-	-	1	-	-	-	-
Osprey	-	1	-	1	-	-	4	3	-	1	2	-
Bald Eagle	1	-	-	2	-	-	1	3	-	1	2	1
Northern Harrier	-	1	-	-	-	-	-	-	-	-	1	6
Sharp-shinned Hawk	-	1	-	1	-	-	5	-	2	-	1	-
Cooper's Hawk	-	2	-	1	-	-	4	1	1	1	1	1
Red-shouldered Hawk	-	2	-	3	-	-	-	2	-	-	-	1
Broad-winged Hawk	-	1	-	4	-	-	2	2	-	2	-	-
Red-tailed Hawk	8	28	5	20	-	-	50	8	1	7	31	4
American Kestrel	1	1	-	12	1	-	6	2	1	2	6	1
Peregrine Falcon	-	1	-	-	-	-	1	-	-	-	-	-
Ring-necked Pheasant	-	-	1	7	-	-	4	4	2	4	6	2
Ruffed Grouse	-	-	-	2	4	2	-	1	2	6	-	2
Wild Turkey	-	13	4	8	-	1	32	1	5	6	-	10
Northern Bobwhite	-	-	-	-	-	-	-	1	-	1	-	-
Virginia Rail	-	-	-	-	-	-	-	1	5	1	5	-
Sora	-	-	-	-	-	-	-	1	2	1	6	-
Common Moorhen	-	-	-	-	-	-	-	-	-	-	-	-
American Coot	-	-	-	5	-	-	-	-	-	-	-	1
Sandhill Crane	-	-	-	-	-	-	-	-	-	-	-	-
Black-bellied Plover	-	-	-	-	-	-	-	-	-	-	-	-
Semipalmated Plover	-	-	-	-	-	-	1	-	-	-	2	-

NORTH AMERICAN MIGRATION COUNT - MAY 12, 2001

	ADAM	ALLE	ARMS	BERK	BLAI	BRAD	BUCK	BUTL	CAMB	CENT	CHES	CLAR
Killdeer	5	23	2	17	-	3	37	35	9	23	21	22
Greater Yellowlegs	2	1	-	3	-	-	2	-	-	2	4	-
Lesser Yellowlegs	-	-	-	2	-	-	5	-	-	-	7	-
Solitary Sandpiper	5	7	-	6	-	-	31	1	2	7	21	1
Willet	-	-	-	-	-	-	-	-	1	-	-	-
Spotted Sandpiper	3	8	-	5	-	-	18	2	1	9	18	2
Ruddy Turnstone	-	-	-	-	-	-	-	-	-	-	-	-
Semipalmated Sandpiper	-	-	-	-	-	-	15	-	-	-	-	-
Least Sandpiper	12	7	-	13	-	-	96	-	1	5	71	-
White-rumped Sandpiper	-	-	-	-	-	-	-	-	-	-	-	-
Pectoral Sandpiper	-	-	-	-	-	-	-	-	-	1	-	-
Dunlin	-	-	-	-	-	-	-	-	-	-	-	-
Short-billed Dowitcher	1	-	-	-	-	-	-	-	-	-	-	-
Common Snipe	-	-	-	-	-	-	-	-	-	-	-	-
American Woodcock	-	1	-	-	-	-	-	1	-	2	-	3
Laughing Gull	-	-	-	-	-	-	664	-	-	-	-	-
Bonaparte's Gull	-	-	-	-	-	-	-	-	1	-	-	-
Common Black-headed Gull	-	-	-	-	-	-	-	-	-	-	-	-
Ring-billed Gull	-	1	1	-	-	-	139	25	16	45	36	-
Herring Gull	-	24	-	-	-	-	414	-	2	-	-	-
Great Black-backed Gull	-	-	-	-	-	-	4	-	-	-	-	-
Caspian Tern	-	-	-	-	-	-	-	-	-	-	-	-
Common Tern	-	-	-	-	-	-	-	-	-	-	-	-
Foster's Tern	-	-	-	-	-	-	-	4	-	-	-	17
Black Tern	-	-	-	-	-	-	-	-	-	-	-	-
Rock Dove	13	46	44	74	-	-	136	125	20	24	99	6
Mourning Dove	39	88	56	163	3	2	267	115	78	102	225	30
Black-billed Cuckoo	-	2	-	1	-	-	2	2	2	4	1	-
Yellow-billed Cuckoo	-	2	-	11	-	-	5	-	-	1	4	-
Barn Owl	-	-	-	12	-	-	-	-	-	-	-	-
Eastern Screech-Owl	-	2	-	5	-	-	-	-	-	-	33	5
Great Horned Owl	-	-	-	6	-	-	10	2	1	-	8	1
Barred Owl	2	-	-	-	-	-	-	1	-	-	-	2
Short-eared Owl	-	-	-	-	-	-	-	-	-	-	-	-
Northern Saw-whet Owl	-	-	-	-	-	-	-	-	-	-	-	-
Common Nighthawk	-	5	-	-	-	-	5	-	-	-	6	-
Whip-poor-will	-	-	-	-	-	-	-	1	-	2	-	-
Chimney Swift	6	148	31	40	14	2	159	111	14	71	88	5
Ruby-throated Hummingbird	6	5	50	14	1	2	12	4	7	11	12	4
Belted Kingfisher	-	8	-	4	-	-	5	3	-	4	7	1
Red-headed Woodpecker	2	-	-	1	-	-	-	2	1	-	-	-
Red-bellied Woodpecker	17	61	6	59	1	-	132	15	6	20	122	3
Yellow-bellied Sapsucker	-	1	-	-	-	1	-	2	2	-	-	-
Downy Woodpecker	6	26	10	32	3	-	48	24	2	22	35	9
Hairy Woodpecker	1	6	1	8	1	-	4	7	-	14	10	5
Northern Flicker	14	36	3	33	2	1	73	26	11	31	46	7
Pileated Woodpecker	3	8	6	13	2	1	4	3	5	12	4	3
Olive-sided Flycatcher	-	-	-	-	-	-	-	-	-	-	-	-
Eastern Wood-Pewee	18	13	-	24	2	-	24	4	-	13	52	-
Yellow-bellied Flycatcher	-	-	-	-	-	-	-	-	-	-	-	-
Acadian Flycatcher	10	7	-	5	-	-	6	2	-	-	29	-
Alder Flycatcher	-	-	-	-	-	-	-	1	-	-	-	-
Willow Flycatcher	4	-	-	3	-	-	3	4	1	3	5	-
Least Flycatcher	1	4	-	3	-	3	1	10	1	9	-	-
Eastern Phoebe	4	5	6	30	3	3	22	12	6	18	22	9
Great Crested Flycatcher	13	5	-	38	4	1	63	4	1	40	28	5
Eastern Kingbird	11	11	-	28	-	-	63	28	4	19	76	5

NORTH AMERICAN MIGRATION COUNT - MAY 12, 2001

	ADAM	ALLE	ARMS	BERK	BLAI	BRAD	BUCK	BUTL	CAMB	CENT	CHES	CLAR
White-eyed Vireo	2	2	-	24	-	-	5	7	1	1	26	-
Blue-headed Vireo	-	1	-	5	-	-	-	5	1	35	-	2
Yellow-throated Vireo	1	5	-	22	-	3	4	28	-	-	12	-
Warbling Vireo	11	4	-	15	-	-	29	15	-	3	41	1
Philadelphia Vireo	-	1	-	-	-	-	1	1	-	-	-	-
Red-eyed Vireo	54	136	-	345	8	-	162	34	31	133	133	24
Blue Jay	24	106	30	150	2	3	203	72	23	68	175	31
American Crow	15	263	36	168	13	6	310	35	94	163	242	68
Fish Crow	1	-	-	13	-	-	16	-	2	2	27	-
Common Raven	3	-	-	-	1	-	-	-	2	4	-	1
Horned Lark	-	-	-	-	-	-	-	2	5	2	1	2
Purple Martin	-	-	-	10	-	-	1	115	-	18	43	-
Tree Swallow	31	28	4	149	2	13	286	1500	289	82	207	191
N. Rough-winged Swallow	3	64	-	26	-	-	17	39	9	30	17	-
Bank Swallow	-	-	-	30	1	-	88	300	6	7	1	5
Cliff Swallow	-	-	-	96	-	-	22	200	77	44	1	-
Barn Swallow	55	43	11	87	7	7	139	1000	83	142	116	152
Black-capped Chickadee	-	10	5	14	2	2	24	30	25	49	-	37
Carolina Chickadee	10	54	-	19	-	-	101	-	-	-	84	-
Tufted Titmouse	24	92	24	102	4	-	169	22	9	49	123	20
Red-breasted Nuthatch	-	-	-	1	-	-	1	2	-	1	-	-
White-breasted Nuthatch	4	13	8	22	1	1	21	9	8	11	19	8
Brown Creeper	-	-	-	-	-	-	-	2	-	1	-	-
Carolina Wren	12	47	1	38	3	1	78	8	-	14	28	3
House Wren	23	22	-	53	-	2	129	22	4	27	81	6
Winter Wren	-	-	-	4	-	-	-	1	-	-	-	1
Sedge Wren	-	-	-	-	-	-	-	3	-	-	-	-
Marsh Wren	-	-	-	-	-	-	-	2	-	-	-	-
Golden-crowned Kinglet	-	-	-	3	-	-	-	-	-	8	-	3
Ruby-crowned Kinglet	-	1	-	-	-	-	-	-	-	2	-	-
Blue-gray Gnatcatcher	17	13	-	64	2	1	46	10	1	17	58	-
Eastern Bluebird	18	25	11	54	2	-	46	8	6	33	90	16
Mountain Bluebird	-	-	-	-	-	-	-	-	-	-	-	-
Veery	-	2	-	47	-	-	17	2	2	26	74	1
Gray-cheeked Thrush	-	-	-	-	-	-	-	-	-	-	-	-
Swainson's Thrush	-	6	-	1	-	-	5	1	-	-	-	-
Hermit Thrush	-	-	-	2	-	2	3	1	11	6	-	2
Wood Thrush	37	54	-	241	5	2	240	50	15	97	211	7
American Robin	173	461	174	555	4	19	938	120	138	404	516	68
Gray Catbird	63	77	2	381	3	9	565	37	24	133	574	22
Northern Mockingbird	21	11	-	41	-	1	90	2	-	15	103	1
Brown Thrasher	6	4	-	15	2	-	9	9	4	14	12	8
American Pipit	-	-	-	-	-	-	-	-	-	-	48	-
Cedar Waxwing	20	36	-	49	-	100	250	21	2	69	20	8
European Starling	115	242	78	332	2	2	634	150	94	217	712	138
Blue-winged Warbler	6	8	-	18	-	1	31	30	-	1	35	1
Golden-winged Warbler	-	-	-	-	1	-	-	-	-	15	-	-
Tennessee Warbler	-	19	-	3	-	-	1	17	-	1	-	-
Orange-crowned Warbler	-	-	-	-	-	-	-	-	-	-	-	-
Nashville Warbler	-	3	-	1	-	-	1	10	-	1	1	-
Northern Parula	-	2	-	28	-	-	29	8	-	1	24	-
Yellow Warbler	25	97	-	94	-	16	267	60	24	60	165	19
Chestnut-sided Warbler	-	9	-	26	-	4	18	30	4	80	19	5
Magnolia Warbler	2	20	-	11	1	-	21	6	1	6	7	6
Cape May Warbler	-	-	-	-	-	-	-	-	-	-	1	-
Black-throated Blue Warbler	-	4	-	18	1	-	17	1	-	21	14	-
Yellow-rumped Warbler	-	17	-	19	-	-	35	2	-	27	19	5

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	ADAM	ALLE	ARMS	BERK	BLAI	BRAD	BUCK	BUTL	CAMB	CENT	CHES	CLAR
Black-throated Green Warbler	-	23	-	42	1	4	23	8	10	58	15	9
Blackburnian Warbler	-	2	-	19	-	-	9	5	-	25	1	-
Yellow-throated Warbler	-	1	-	-	-	-	1	1	-	-	-	-
Kirtland's Warbler	-	-	-	-	-	-	-	-	-	-	-	1
Pine Warbler	2	-	-	10	-	-	2	-	-	9	-	-
Prairie Warbler	2	3	-	7	1	1	31	2	-	-	2	9
Palm Warbler	-	3	-	1	-	-	-	-	-	-	-	-
Bay-breasted Warbler	-	1	-	8	-	-	1	9	-	4	-	-
Blackpoll Warbler	1	9	-	6	-	-	23	4	-	3	4	-
Cerulean Warbler	1	7	-	6	1	-	4	18	-	-	3	-
Black-and-white Warbler	-	7	-	65	2	2	20	6	-	21	8	6
American Redstart	12	26	-	66	4	-	24	77	5	39	20	7
Prothonotary Warbler	-	-	-	1	-	-	-	-	-	-	-	2
Worm-eating Warbler	2	1	-	22	1	-	28	-	-	2	3	-
Swainson's Warbler	-	-	-	-	-	-	-	-	-	-	-	-
Ovenbird	19	4	-	319	11	12	135	12	23	107	126	9
Northern Waterthrush	2	4	-	1	2	-	10	-	-	11	2	-
Louisiana Waterthrush	4	1	-	17	2	-	7	3	-	-	13	-
Kentucky Warbler	1	8	-	2	-	-	5	12	-	-	6	-
Mourning Warbler	-	-	-	-	-	-	-	-	-	-	-	1
Common Yellowthroat	17	19	1	167	3	12	176	54	30	180	184	46
Hooded Warbler	2	22	-	16	2	-	1	16	-	17	-	1
Wilson's Warbler	1	3	-	1	-	-	-	-	-	-	-	-
Canada Warbler	-	-	-	7	-	-	2	-	2	49	1	-
Yellow-breasted Chat	1	2	-	5	-	-	-	-	-	5	8	-
Summer Tanager	-	1	-	-	-	-	-	-	-	-	-	-
Scarlet Tanager	19	63	-	123	5	6	70	42	17	50	72	11
Northern Cardinal	43	230	30	226	2	2	253	110	27	138	217	22
Rose-breasted Grosbeak	2	49	-	27	5	4	45	34	12	18	17	9
Blue Grosbeak	-	-	-	-	-	-	-	-	-	-	-	-
Indigo Bunting	19	72	10	104	8	1	50	10	14	63	56	8
Eastern Towhee	13	97	22	78	13	4	81	88	30	156	89	31
American Tree Sparrow	-	-	-	-	-	-	-	-	-	-	-	-
Chipping Sparrow	21	49	34	131	2	2	78	68	37	85	66	57
Clay-colored Sparrow	-	-	-	-	-	-	-	-	-	-	-	3
Field Sparrow	16	25	-	73	4	-	42	11	6	38	38	19
Vesper Sparrow	-	3	-	-	-	-	-	-	-	-	-	-
Savannah Sparrow	2	1	-	2	-	-	9	15	2	4	8	24
Grasshopper Sparrow	2	20	-	3	-	-	2	11	3	6	2	16
Henslow's Sparrow	-	-	-	-	-	-	-	3	-	-	-	36
Fox Sparrow	-	-	-	-	-	-	-	-	-	-	-	-
Song Sparrow	22	128	13	115	2	10	163	25	29	103	169	42
Lincoln's Sparrow	-	-	-	1	-	-	-	-	-	-	-	-
Swamp Sparrow	-	-	-	3	-	-	18	10	1	27	-	2
White-throated Sparrow	1	2	-	17	-	-	7	-	1	5	5	1
White-crowned Sparrow	-	-	-	1	-	-	-	-	-	2	-	-
Dark-eyed Junco	-	-	-	-	-	1	-	-	8	22	-	12
Lapland Longspur	-	-	-	-	-	-	-	-	-	-	-	-
Bobolink	16	-	-	15	-	2	52	47	9	-	66	45
Red-winged Blackbird	68	168	42	246	-	49	496	75	214	225	350	154
Eastern Meadowlark	6	17	1	7	-	1	13	29	11	16	20	25
Western Meadowlark	-	-	-	-	-	-	-	-	-	-	-	-
Rusty Blackbird	-	-	-	-	-	-	-	-	-	-	-	-
Common Grackle	75	215	74	468	-	28	524	110	74	331	466	58
Brown-headed Cowbird	12	48	32	89	3	3	146	55	13	116	116	6
Orchard Oriole	3	16	21	18	-	1	31	9	-	1	31	-
Baltimore Oriole	21	95	4	124	2	9	196	58	22	68	172	9

NORTH AMERICAN MIGRATION COUNT - MAY 12, 2001

	CLEA	CRAW	CUMB	DAUP	DELA	ELK	ERIE	FORE	FRAN	GREE	HUNT
Redhead	-	-	-	-	-	-	1	-	-	-	-
Ring-necked Duck	-	-	-	-	-	-	-	-	4	-	-
Greater Scaup	-	-	-	-	-	-	-	-	1	-	1
Long-tailed Duck	-	-	-	-	-	-	-	-	-	-	-
Bufflehead	-	-	-	-	-	-	-	-	1	-	-
Hooded Merganser	-	-	5	10	-	-	-	-	1	-	-
Common Merganser	-	-	-	-	-	-	-	3	-	-	-
Red-breasted Merganser	-	-	-	-	-	-	1	-	-	-	-
Ruddy Duck	-	2	-	-	-	-	-	-	1	-	-
Osprey	-	6	1	7	2	-	-	2	-	-	-
Bald Eagle	-	-	-	-	-	-	-	-	-	-	1
Northern Harrier	-	-	-	-	-	-	-	-	2	-	-
Sharp-shinned Hawk	-	-	1	3	1	-	-	-	4	2	-
Cooper's Hawk	-	-	1	3	1	-	-	-	5	2	2
Red-shouldered Hawk	-	-	-	-	2	2	-	-	2	-	3
Broad-winged Hawk	-	-	3	3	-	-	-	-	4	-	-
Red-tailed Hawk	2	5	5	33	12	-	-	-	37	40	2
American Kestrel	1	5	6	5	1	-	-	-	21	12	2
Peregrine Falcon	-	-	-	-	-	-	-	-	-	-	-
Ring-necked Pheasant	1	1	-	4	4	-	-	-	12	14	2
Ruffed Grouse	11	-	1	1	-	-	-	1	1	4	-
Wild Turkey	14	1	-	14	-	-	-	-	11	103	6
Northern Bobwhite	-	-	1	-	-	-	-	-	1	-	-
Virginia Rail	-	-	-	-	-	-	-	-	-	-	-
Sora	-	-	-	-	-	-	-	-	-	-	-
Common Moorhen	-	2	-	-	-	-	-	-	-	-	-
American Coot	-	-	-	1	-	-	-	-	1	-	-
Sandhill Crane	-	-	-	-	-	-	-	-	-	-	-
Black-bellied Plover	-	-	3	-	-	-	-	-	-	-	-
Semipalmated Plover	-	-	-	-	-	-	2	-	-	-	-
Killdeer	5	8	20	33	5	7	6	2	78	29	14
Greater Yellowlegs	-	6	7	-	-	-	-	-	-	-	-
Lesser Yellowlegs	-	-	1	-	-	-	5	-	1	-	-
Solitary Sandpiper	-	-	6	5	-	-	1	-	27	3	3
Willet	-	-	-	-	-	-	-	-	-	-	-
Spotted Sandpiper	2	-	7	5	6	-	1	-	21	4	2
Ruddy Turnstone	-	-	-	-	-	-	-	-	-	-	-
Semipalmated Sandpiper	-	-	-	-	-	-	-	-	2	-	-
Least Sandpiper	-	-	1	9	-	-	5	-	33	-	3
White-rumped Sandpiper	-	-	-	-	-	-	-	-	-	-	-
Pectoral Sandpiper	-	-	3	-	-	-	-	-	-	-	-
Dunlin	-	-	2	-	-	-	14	-	-	-	1
Short-billed Dowitcher	-	-	-	-	-	-	-	-	-	-	-
Common Snipe	2	-	-	-	-	-	-	-	-	-	1
American Woodcock	5	-	-	2	-	1	5	1	2	-	3
Laughing Gull	-	-	-	-	14	-	-	-	-	-	-
Bonaparte's Gull	-	-	-	-	-	-	-	-	-	-	-
Common Black-headed Gull	-	-	-	-	-	-	-	-	-	-	-
Ring-billed Gull	-	18	45	8	54	-	20	-	4	-	4
Herring Gull	-	-	-	1	30	-	30	-	-	-	-
Great Black-backed Gull	-	-	-	-	8	-	10	-	-	-	-
Caspian Tern	-	-	-	2	-	-	11	-	-	-	-
Common Tern	-	-	-	-	-	-	6	-	-	-	3
Foster's Tern	-	-	-	-	23	-	2	-	-	-	-
Black Tern	-	-	-	-	-	-	1	-	-	-	-
Rock Dove	18	8	83	68	25	-	-	-	496	67	13
Mourning Dove	83	8	120	258	45	41	12	13	422	218	21

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	CLEA	CRAW	CUMB	DAUP	DELA	ELK	ERIE	FORE	FRAN	GREE	HUNT
Marsh Wren	-	-	-	-	-	-	-	-	2	-	-
Golden-crowned Kinglet	-	1	2	2	-	-	-	-	12	-	2
Ruby-crowned Kinglet	-	-	-	-	-	-	1	-	-	-	1
Blue-gray Gnatcatcher	1	22	24	17	-	-	4	5	58	29	11
Eastern Bluebird	2	2	47	98	26	-	-	3	246	190	23
Mountain Bluebird	-	-	-	-	-	-	-	-	-	-	-
Veery	2	5	1	4	8	-	3	-	-	-	2
Gray-cheeked Thrush	-	-	-	-	-	-	-	-	-	-	-
Swainson's Thrush	-	-	1	1	1	-	1	-	1	-	-
Hermit Thrush	-	-	1	1	10	3	-	10	2	-	3
Wood Thrush	4	14	108	172	55	24	6	1	186	153	73
American Robin	148	46	365	641	216	24	75	48	1407	879	105
Gray Catbird	26	32	206	379	115	1	52	12	424	192	37
Northern Mockingbird	1	1	37	41	32	-	-	-	149	50	3
Brown Thrasher	3	1	9	15	4	-	6	-	76	41	5
American Pipit	-	-	1	-	-	-	-	-	92	-	-
Cedar Waxwing	-	-	43	71	29	-	-	14	216	60	20
European Starling	106	32	286	465	161	6	21	43	1293	550	23
Blue-winged Warbler	-	6	9	24	9	-	1	8	3	78	1
Golden-winged Warbler	-	-	-	4	-	-	1	4	4	5	11
Tennessee Warbler	-	7	1	-	-	-	3	-	-	-	-
Orange-crowned Warbler	-	-	-	-	-	-	-	-	-	-	-
Nashville Warbler	-	-	1	2	-	-	3	2	2	-	-
Northern Parula	-	-	1	5	7	-	2	5	6	15	7
Yellow Warbler	9	29	49	88	52	-	110	15	87	289	23
Chestnut-sided Warbler	2	7	3	8	18	4	7	21	5	10	25
Magnolia Warbler	1	3	5	3	2	5	16	10	1	-	5
Cape May Warbler	-	-	-	-	-	-	7	-	11	-	-
Black-throated Blue Warbler	2	-	3	7	5	-	3	1	17	6	11
Yellow-rumped Warbler	1	4	19	8	3	-	60	-	11	7	3
Black-throated Green Warbler	-	6	6	21	3	-	14	22	13	5	48
Blackburnian Warbler	-	1	4	-	-	-	12	26	2	-	21
Yellow-throated Warbler	-	-	-	-	-	-	-	-	1	5	2
Kirtland's Warbler	-	-	-	-	-	-	-	-	-	-	-
Pine Warbler	-	-	2	4	1	-	1	-	-	-	2
Prairie Warbler	-	-	2	27	7	-	1	-	3	16	6
Palm Warbler	-	-	-	1	-	-	3	-	-	1	-
Bay-breasted Warbler	-	-	-	1	-	-	3	-	2	-	-
Blackpoll Warbler	-	-	-	-	4	-	-	-	4	-	-
Cerulean Warbler	-	-	8	6	-	-	-	-	13	26	1
Black-and-white Warbler	-	3	15	12	3	-	6	8	8	11	11
American Redstart	1	12	12	38	7	-	5	15	36	28	18
Prothonotary Warbler	-	-	-	-	-	-	-	-	-	-	-
Worm-eating Warbler	-	-	5	25	1	-	-	-	6	-	11
Swainson's Warbler	-	-	-	-	-	-	-	-	-	-	-
Ovenbird	22	4	97	216	18	7	4	25	164	50	120
Northern Waterthrush	-	3	1	2	1	-	-	-	3	-	-
Louisiana Waterthrush	-	-	2	6	1	-	-	-	7	14	6
Kentucky Warbler	-	-	1	2	4	-	-	-	1	18	-
Mourning Warbler	-	1	-	-	-	-	-	-	-	-	-
Common Yellowthroat	7	15	76	120	42	6	6	28	125	213	99
Hooded Warbler	-	8	27	40	1	-	2	-	23	10	11
Wilson's Warbler	-	-	-	2	-	-	1	-	-	-	-
Canada Warbler	1	-	2	1	-	-	2	-	-	-	5
Yellow-breasted Chat	-	-	6	6	-	-	-	-	10	48	2
Summer Tanager	-	-	-	-	-	-	-	-	-	1	-
Scarlet Tanager	1	11	52	67	10	3	3	19	102	80	54

NORTH AMERICAN MIGRATION COUNT - MAY 12, 2001

	CLEA	CRAW	CUMB	DAUP	DELA	ELK	ERIE	FORE	FRAN	GREE	HUNT
Northern Cardinal	11	22	58	217	62	7	3	7	221	249	31
Rose-breasted Grosbeak	11	12	3	4	3	2	8	19	8	37	8
Blue Grosbeak	-	-	-	-	-	-	-	-	-	-	-
Indigo Bunting	13	7	56	163	13	7	-	6	141	190	37
Eastern Towhee	21	8	77	74	36	1	3	8	120	225	88
American Tree Sparrow	-	-	-	-	-	-	-	-	3	-	-
Chipping Sparrow	28	9	66	115	24	28	7	22	194	136	47
Clay-colored Sparrow	-	-	-	-	-	-	-	-	-	-	-
Field Sparrow	2	7	15	36	3	-	-	2	61	101	17
Vesper Sparrow	-	3	1	1	36	-	-	-	10	1	1
Savannah Sparrow	-	3	5	6	2	-	-	-	14	2	6
Grasshopper Sparrow	-	-	8	4	-	-	-	-	36	13	-
Henslow's Sparrow	-	-	-	-	-	-	-	-	-	-	-
Fox Sparrow	-	-	-	-	-	-	-	-	3	-	-
Song Sparrow	21	16	49	135	60	12	21	14	250	215	44
Lincolt's Sparrow	-	1	-	-	-	-	4	-	-	-	-
Swamp Sparrow	3	11	-	-	-	-	3	-	-	-	-
White-throated Sparrow	-	-	-	5	-	4	5	-	13	-	6
White-crowned Sparrow	1	1	-	3	-	1	6	4	17	5	-
Dark-eyed Junco	-	-	-	-	-	5	-	7	1	-	8
Lapland Longspur	-	-	-	-	-	-	-	-	-	-	-
Bobolink	-	6	5	9	4	-	-	1	19	12	4
Red-winged Blackbird	41	156	145	363	117	30	162	38	461	509	40
Eastern Meadowlark	3	4	24	25	1	-	-	-	85	65	5
Western Meadowlark	-	-	-	-	-	-	-	-	-	-	-
Rusty Blackbird	-	-	-	-	-	-	-	-	-	-	-
Common Grackle	82	24	502	490	109	36	60	18	1224	138	30
Brown-headed Cowbird	14	18	15	107	40	28	12	4	245	154	4
Orchard Oriole	-	-	8	6	3	-	-	-	24	52	2
Baltimore Oriole	12	17	51	160	54	1	13	11	256	158	14
Purple Finch	2	2	-	-	-	18	-	3	11	8	-
House Finch	12	19	113	130	53	2	10	5	213	71	-
Common Redpoll	-	-	-	-	-	-	-	-	-	-	-
Pine Siskin	-	-	-	-	-	-	-	-	-	2	-
American Goldfinch	20	17	78	199	71	-	21	30	425	153	61
Evening Grosbeak	-	-	-	-	-	55	-	-	2	-	-
House Sparrow	13	18	133	125	49	4	8	11	535	235	-
Accipiter sp.	-	-	-	1	-	-	-	1	-	-	-
Buteo sp.	1	-	-	-	-	-	-	-	-	-	-
Peep sp.	-	-	-	-	3	-	-	-	-	-	-
Gull sp.	-	-	-	28	17	-	-	-	-	-	-
Cuckoo sp.	-	-	-	-	-	-	-	-	-	-	-
Empidonax sp.	-	-	-	3	-	-	-	-	-	-	-
Crow sp.	-	-	-	22	-	-	-	-	11	-	-
Chickadee sp.	-	-	-	19	-	-	-	-	-	-	-
Thrush sp.	-	-	-	-	-	-	-	-	-	-	-
Brewster's Warbler	-	-	-	1	-	-	-	-	-	1	-
Lawrence's Warbler	-	-	-	-	-	-	-	-	-	-	-
Total Individuals	1106	1977	4538	7914	3002	462	1948	798	16314	8073	2024
Total Species	81	98	130	138	111	55	109	78	155	110	123
Number of Observers	11	3	7	44	11	7	7	2	84	39	7
Total Hours	41.75	15.00	44.00	115.00	41.25	25.00	28.75	15.00	266.00	115.00	37.50

NORTH AMERICAN MIGRATION COUNT - MAY 12, 2001

	INDI	JUNI	LACK	LANC	LAWR	LEBA	LUZE	LYCO	MERC	MIFF	MONT
Common Loon	7	1	1	1	1	1	3	2	-	-	-
Pied-billed Grebe	-	-	-	-	2	-	-	-	-	-	-
Horned Grebe	-	-	-	-	-	-	-	1	-	-	-
Double-crested Cormorant	65	9	2	75	1	1	6	16	6	-	-
American Bittern	-	1	1	-	-	1	1	-	-	-	-
Great Blue Heron	25	6	18	23	59	3	18	3	3	1	-
Great Egret	1	-	-	5	-	-	-	-	-	-	-
Snowy Egret	-	-	-	-	-	-	-	-	-	-	-
Little blue Heron	1	-	-	-	-	-	-	-	-	-	-
Green Heron	6	13	7	5	6	5	6	-	1	1	-
Black-crowned Night-Heron	-	-	-	113	-	-	-	-	-	-	-
Yellow-crowned Night-Heron	-	-	-	-	-	-	-	-	-	-	-
Black Vulture	-	38	-	61	-	6	4	-	-	17	-
Turkey Vulture	59	95	41	185	13	90	59	55	3	23	-
Tundra Swan	-	2	-	2	-	-	-	-	-	-	-
Mute Swan	2	2	2	2	-	-	2	-	-	-	-
Snow Goose (white form)	-	-	-	14	-	6	-	-	-	-	-
Canada Goose	330	151	486	610	433	697	216	115	10	31	25
Wood Duck	34	81	32	140	35	12	37	-	4	-	-
Green-winged Teal	-	2	-	3	-	2	1	-	2	-	-
American Black Duck	-	-	-	8	-	4	1	-	-	-	-
Mallard	115	160	79	286	92	172	114	27	2	27	4
Northern Shoveler	-	-	-	-	-	-	-	-	-	-	-
Blue-winged Teal	-	1	-	2	4	-	-	-	-	-	-
Gadwall	-	-	-	-	-	-	-	-	-	-	-
American Wigeon	-	-	-	-	-	-	-	-	-	-	-
Canvasback	-	-	-	1	-	-	-	-	-	-	-
Redhead	-	-	-	-	-	-	-	-	-	-	-
Ring-necked Duck	-	-	-	1	-	-	-	-	-	-	-
Greater Scaup	-	-	-	-	-	-	-	-	-	-	-
Long-tailed Duck	-	-	-	1	-	-	-	-	-	-	-
Bufflehead	1	1	-	3	-	-	-	-	-	-	-
Hooded Merganser	2	1	-	-	1	-	1	-	6	-	-
Common Merganser	2	4	17	-	-	1	14	6	-	-	-
Red-breasted Merganser	2	-	-	-	-	-	-	-	-	-	-
Ruddy Duck	-	-	-	-	-	-	-	-	-	-	-
Osprey	1	2	-	7	-	-	3	2	4	-	-
Bald Eagle	-	1	-	13	-	2	1	2	2	-	-
Northern Harrier	-	-	-	-	4	-	-	-	-	-	-
Sharp-shinned Hawk	4	3	5	2	-	4	4	1	1	-	-
Cooper's Hawk	3	1	1	5	-	3	3	1	1	-	-
Red-shouldered Hawk	-	4	-	1	6	-	-	-	-	-	-
Broad-winged Hawk	5	6	4	-	-	-	6	-	-	-	-
Red-tailed Hawk	45	26	6	24	10	8	12	2	4	6	1
American Kestrel	16	15	4	14	4	7	8	1	1	2	-
Peregrine Falcon	-	-	-	-	-	-	-	-	-	-	-
Ring-necked Pheasant	11	5	1	3	4	4	2	-	2	-	-
Ruffed Grouse	8	8	4	-	1	4	3	1	1	5	-
Wild Turkey	54	14	16	2	-	1	37	-	1	3	-
Northern Bobwhite	1	-	-	1	-	-	-	-	-	5	-
Virginia Rail	-	-	-	-	-	-	3	-	-	-	-
Sora	-	-	-	-	-	-	-	-	-	-	-
Common Moorhen	-	-	-	-	2	-	-	-	-	-	-
American Coot	-	-	1	1	-	-	-	-	-	-	-
Sandhill Crane	-	-	-	-	-	-	-	-	-	-	-
Black-bellied Plover	2	-	-	4	-	-	-	-	2	-	-
Semipalmated Plover	-	-	1	-	-	-	10	-	-	-	-

NORTH AMERICAN MIGRATION COUNT - MAY 12, 2001

	INDI	JUNI	LACK	LANC	LAWR	LEBA	LUZE	LYCO	MERC	MIFF	MONT
Killdeer	72	40	26	51	24	13	54	12	9	32	-
Greater Yellowlegs	3	-	-	3	16	2	2	-	-	-	-
Lesser Yellowlegs	1	1	-	2	5	1	7	-	-	-	-
Solitary Sandpiper	2	7	18	30	-	12	22	1	1	-	-
Willet	-	-	-	-	-	-	-	-	-	-	-
Spotted Sandpiper	10	52	8	49	11	6	17	6	2	-	-
Ruddy Turnstone	1	-	-	-	-	-	-	-	-	-	-
Semipalmated Sandpiper	-	-	12	40	-	-	1	-	-	-	-
Least Sandpiper	7	1	6	378	-	10	7	-	-	-	-
White-rumped Sandpiper	-	-	-	1	-	-	-	-	-	-	-
Pectoral Sandpiper	-	-	-	-	-	-	3	-	-	-	-
Dunlin	11	-	-	5	-	-	5	-	-	-	-
Short-billed Dowitcher	-	-	-	-	-	-	-	-	-	-	-
Common Snipe	-	-	-	1	-	-	-	-	-	-	-
American Woodcock	9	5	1	-	-	4	3	-	-	-	-
Laughing Gull	-	-	-	-	-	-	-	-	-	-	-
Bonaparte's Gull	-	-	-	-	-	-	-	-	-	-	-
Common Black-headed Gull	-	-	-	1	-	-	-	-	-	-	-
Ring-billed Gull	40	9	12	658	-	1	4	34	10	-	-
Herring Gull	-	-	-	3	-	-	1	-	-	-	-
Great Black-backed Gull	-	-	-	-	-	-	-	-	-	-	-
Caspian Tern	1	-	-	3	-	-	-	3	-	-	-
Common Tern	-	-	-	1	-	-	-	-	-	-	-
Foster's Tern	11	-	-	1	-	-	-	-	-	-	-
Black Tern	-	-	-	1	-	-	-	-	-	-	-
Rock Dove	120	266	72	231	109	213	77	79	1	100	-
Mourning Dove	548	164	177	203	128	86	117	72	6	89	2
Black-billed Cuckoo	12	3	2	1	1	1	1	1	1	12	-
Yellow-billed Cuckoo	3	16	-	5	-	-	4	-	-	9	-
Barn Owl	-	-	-	-	-	-	-	-	-	-	-
Eastern Screech-Owl	1	3	1	4	-	1	5	1	-	1	-
Great Horned Owl	1	1	1	1	-	2	2	-	-	-	-
Barred Owl	1	5	1	-	-	6	3	-	-	-	-
Short-eared Owl	1	-	-	-	2	-	-	-	-	-	-
Northern Saw-whet Owl	-	-	-	-	-	-	2	-	-	-	-
Common Nighthawk	1	-	-	2	-	1	18	-	-	-	-
Whip-poor-will	2	15	-	-	-	8	25	2	-	3	-
Chimney Swift	293	122	5	94	74	43	189	9	7	10	-
Ruby-throated Hummingbird	47	22	3	7	2	7	8	1	2	26	-
Belted Kingfisher	11	13	9	10	3	2	4	4	3	1	1
Red-headed Woodpecker	1	1	-	-	-	1	-	-	3	1	-
Red-bellied Woodpecker	59	57	2	91	8	32	20	6	3	27	3
Yellow-bellied Sapsucker	-	-	1	-	-	-	1	2	-	-	-
Downy Woodpecker	58	32	16	28	9	20	25	7	1	14	1
Hairy Woodpecker	26	18	10	5	2	12	9	3	2	11	1
Northern Flicker	71	61	31	42	8	26	37	15	5	25	3
Pileated Woodpecker	23	31	6	7	1	9	11	5	1	7	1
Olive-sided Flycatcher	-	-	-	-	-	-	-	-	-	-	-
Eastern Wood-Pewee	22	37	5	31	2	13	13	4	5	4	-
Yellow-bellied Flycatcher	1	-	-	-	-	-	-	-	-	-	-
Acadian Flycatcher	12	16	-	8	1	5	2	-	-	-	-
Alder Flycatcher	1	-	-	-	-	-	1	-	-	-	-
Willow Flycatcher	2	1	-	2	2	2	3	-	-	-	-
Least Flycatcher	3	2	24	1	2	2	27	4	6	-	-
Eastern Phoebe	71	57	50	33	9	24	40	13	5	19	2
Great Crested Flycatcher	11	77	25	52	2	35	30	11	4	19	2
Eastern Kingbird	33	46	31	72	8	29	11	8	4	1	-

NORTH AMERICAN MIGRATION COUNT - MAY 12, 2001

	INDI	JUNI	LACK	LANC	LAWR	LEBA	LUZE	LYCO	MERC	MIFF	MONT
White-eyed Vireo	11			12	1	9					
Blue-headed Vireo	18	3	7			2	9	5			
Yellow-throated Vireo	11	20	19	4			9		1		
Warbling Vireo	5	60	27	28	8		20		6	1	
Philadelphia Vireo		1								2	
Red-eyed Vireo	406	148	109	155	32	201	96	18	10	38	
Blue Jay	268	139	75	173	53	131	75	26	14	39	
American Crow	648	377	282	182	97	293	418	82	17	140	4
Fish Crow	1	9	1	44		141	14	7	2	2	2
Common Raven	1	12				4	5	1		3	
Horned Lark	13			11	6	1	25		1	1	
Purple Martin		154		162	1	66	10	6	70	43	
Tree Swallow	781	125	354	285	124	280	281	77	26	6	10
N. Rough-winged Swallow	30	66	53	32	12	18	26	10	20	10	
Bank Swallow	30	2		14	8	1	200	1	10		
Cliff Swallow	1	3	2	3		5	15		41		
Barn Swallow	520	186	316	279	68	95	319	61	120	80	2
Black-capped Chickadee	155	43	127	7	30	44	78	18	5	37	1
Carolina Chickadee				63		30					
Tufted Titmouse	109	93	40	117	15	88	77	10	4	54	2
Red-breasted Nuthatch	1										
White-breasted Nuthatch	49	13	18	9	15	9	14	2	3	12	1
Brown Creeper	1		1				2	1			
Carolina Wren	36	64	2	43	5	26	19	8	2	12	
House Wren	76	44	35	68	18	30	61	10	10	30	7
Winter Wren		2				3	1				
Sedge Wren											
Marsh Wren											
Golden-crowned Kinglet							3			2	
Ruby-crowned Kinglet	1					1		1			
Blue-gray Gnatcatcher	40	38		53	3	28	28	2	3	14	
Eastern Bluebird	118	92	25	98	41	28	32	28	7	38	1
Mountain Bluebird											
Veery	1	1	16	26		46	13	4	6	1	
Gray-cheeked Thrush											
Swainson's Thrush		3		1		1			1		
Hermit Thrush	12		12	2		5	24	7			
Wood Thrush	318	112	41	214	28	285	63	20	15	19	2
American Robin	2104	468	735	620	289	296	898	123	18	147	9
Gray Catbird	215	219	173	343	42	232	169	36	16	47	15
Northern Mockingbird	13	35	21	46		12	10	6	1	18	3
Brown Thrasher	108	17	8	7	1	29	13	1	2	4	3
American Pipit		9		9	3	1			6		
Cedar Waxwing	121	508	52	193	11	178	141	61	11	7	10
European Starling	1243	495	425	617	298	845	327	95	28	83	
Blue-winged Warbler	42	7	31	34	8	26	11		6		
Golden-winged Warbler		15					1			2	
Tennessee Warbler	3	2	8	2	2		1		9		
Orange-crowned Warbler	1										
Nashville Warbler	1	1	4	1			4		3		
Northern Parula	7	1				2	13	3			
Yellow Warbler	269	70	182	60	54	78	211	26	18	15	3
Chestnut-sided Warbler	27	1	22	20	9	5	26	10	6	4	
Magnolia Warbler	18	4	1	8	5	7	13	1	3		
Cape May Warbler	1	1									
Black-throated Blue Warbler	2	8	3	14		3	4	2	3	2	
Yellow-rumped Warbler	10	18	25	23	1	26	16	25	6		

NORTH AMERICAN MIGRATION COUNT - MAY 12, 2001

	INDI	JUNI	LACK	LANC	LAWR	LEBA	LUZE	LYCO	MERC	MIFF	MONT
Black-throated Green Warbler	90	26	39	7	-	24	69	17	3	4	-
Blackburnian Warbler	9	6	1	4	-	1	24	7	3	-	1
Yellow-throated Warbler	2	-	-	-	-	-	-	-	2	1	-
Kirtland's Warbler	-	-	-	-	-	-	-	-	-	-	-
Pine Warbler	-	1	-	-	-	-	3	3	-	-	-
Prairie Warbler	15	15	26	2	-	7	14	4	-	2	-
Palm Warbler	-	-	1	-	-	-	-	-	-	-	-
Bay-breasted Warbler	3	1	2	-	-	-	-	-	1	2	-
Blackpoll Warbler	2	1	-	1	-	-	2	-	-	2	-
Cerulean Warbler	17	6	-	-	-	2	-	1	7	-	-
Black-and-white Warbler	14	19	28	31	-	43	28	16	2	12	-
American Redstart	84	44	26	7	2	37	50	8	9	8	-
Prothonotary Warbler	-	-	-	2	-	-	-	-	-	-	-
Worm-eating Warbler	2	40	-	7	-	5	9	1	-	8	-
Swainson's Warbler	-	-	-	-	-	-	-	-	-	-	-
Ovenbird	319	151	213	173	2	358	190	47	4	51	1
Northern Waterthrush	1	1	2	1	-	2	8	-	2	-	-
Louisiana Waterthrush	6	22	3	13	2	3	9	2	-	3	-
Kentucky Warbler	8	-	-	4	-	8	-	-	-	-	-
Mourning Warbler	-	-	-	-	-	-	1	-	1	-	-
Common Yellowthroat	497	94	245	107	75	117	150	57	10	47	10
Hooded Warbler	62	8	-	7	10	14	4	1	5	-	-
Wilson's Warbler	-	-	-	1	-	1	-	-	1	-	-
Canada Warbler	1	-	3	2	-	-	4	-	-	-	-
Yellow-breasted Chat	10	11	-	6	-	2	1	-	-	3	-
Summer Tanager	-	-	-	-	-	-	-	-	-	-	-
Scarlet Tanager	220	73	29	45	9	57	52	14	10	36	-
Northern Cardinal	297	194	107	230	70	105	93	29	14	86	9
Rose-breasted Grosbeak	78	33	16	19	23	17	26	4	11	8	-
Blue Grosbeak	-	-	-	5	-	1	-	-	-	-	-
Indigo Bunting	156	173	24	130	7	77	70	18	7	74	-
Eastern Towhee	381	78	34	97	43	77	51	13	6	44	2
American Tree Sparrow	-	-	-	-	-	-	-	-	-	-	-
Chipping Sparrow	415	136	145	129	30	31	188	23	7	72	-
Clay-colored Sparrow	-	-	-	-	-	-	-	-	-	-	-
Field Sparrow	117	38	37	29	20	39	34	6	8	18	3
Vesper Sparrow	10	1	-	4	-	2	2	-	2	2	-
Savannah Sparrow	13	7	8	13	31	1	9	-	2	3	-
Grasshopper Sparrow	17	7	3	10	7	3	15	-	1	-	-
Henslow's Sparrow	2	-	-	-	20	-	2	-	1	-	-
Fox Sparrow	-	-	1	-	-	-	-	-	-	-	-
Song Sparrow	381	204	139	146	96	31	148	45	13	63	7
Lincoln's Sparrow	-	-	-	-	-	-	-	-	2	-	-
Swamp Sparrow	6	2	14	1	17	-	46	3	3	-	-
White-throated Sparrow	7	16	13	4	-	1	9	2	-	3	1
White-crowned Sparrow	7	6	2	2	-	4	4	4	3	3	1
Dark-eyed Junco	-	-	6	-	-	-	12	11	1	1	-
Lapland Longspur	-	-	-	5	-	-	-	-	-	-	-
Bobolink	44	2	251	52	132	12	78	8	2	-	-
Red-winged Blackbird	1293	420	750	361	489	69	558	102	26	67	10
Eastern Meadowlark	136	27	16	11	44	7	30	4	4	1	-
Western Meadowlark	-	-	-	-	-	-	-	-	-	-	-
Rusty Blackbird	-	-	-	-	-	-	-	-	-	-	-
Common Grackle	1002	828	162	785	315	714	362	125	6	149	8
Brown-headed Cowbird	140	103	52	157	18	64	94	24	10	35	3
Orchard Oriole	11	24	-	23	1	5	3	-	2	-	3
Baltimore Oriole	200	286	107	154	16	57	85	26	12	34	7

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	INDI	JUNI	LACK	LANC	LAWR	LEBA	LUZE	LYCO	MERC	MIFF	MONT
Purple Finch	20	-	9	1	1	1	17	1	3	59	-
House Finch	200	62	38	93	43	18	5	27	3	21	1
Common Redpoll	6	-	-	-	-	-	-	-	-	-	-
Pine Siskin	-	-	-	-	-	-	-	-	-	-	-
American Goldfinch	307	104	126	176	125	138	134	42	18	83	7
Evening Grosbeak	-	-	-	-	-	-	-	-	-	-	-
House Sparrow	395	321	74	268	199	329	152	24	4	150	-
Accipiter sp.	1	-	-	-	-	-	-	-	-	-	-
Buteo sp.	-	-	-	-	-	-	-	-	-	-	-
Peep sp.	-	-	-	-	-	-	-	-	-	-	-
Gull sp.	-	-	-	-	-	-	-	-	-	-	-
Cuckoo sp.	-	-	-	-	1	-	-	-	-	-	-
Eripidonax sp.	-	-	-	2	1	-	-	-	-	-	-
Crow sp.	-	-	-	50	-	117	-	-	-	-	-
Chickadee sp.	-	-	-	3	-	3	-	-	-	-	-
Thrush sp.	-	-	-	-	-	-	-	-	-	-	-
Brewster's Warbler	2	1	-	1	-	-	-	-	-	-	-
Lawrence's Warbler	-	1	-	-	-	-	-	-	-	-	-
Total Individuals	17255	9107	7289	11206	4240	7752	8026	2050	894	2603	192
Total Species	155	138	121	158	99	135	153	107	116	98	43
Number of Observers	65	45	22	43	11	14	21	12	7	27	1
Total Hours	262.25	84.50	80.75	125.25	32.50	72.75	107.00	38.00	13.50	74.60	3.50

	PERR	PHIL	POTT	SCHU	SULL	TIOG	VENA	WAYN	WEST	WYOM	YORK
Common Loon	-	3	-	3	-	1	-	-	-	-	-
Pied-billed Grebe	-	-	-	-	-	1	-	-	-	-	-
Horned Grebe	-	-	-	-	-	-	-	-	-	-	-
Double-crested Cormorant	-	44	3	3	-	82	-	-	5	1	17
American Bittern	-	-	-	1	-	-	-	-	-	-	-
Great Blue Heron	-	12	4	5	5	45	5	10	13	5	5
Great Egret	-	2	-	-	-	-	-	-	2	-	-
Snowy Egret	-	-	-	-	-	-	-	-	-	-	-
Little blue Heron	-	-	-	-	-	-	-	-	-	-	-
Green Heron	-	-	5	7	-	1	1	3	3	-	3
Black-crowned Night-Heron	-	1	-	-	-	-	-	-	-	-	1
Yellow-crowned Night-Heron	-	-	-	-	-	-	-	-	-	-	-
Black Vulture	-	-	-	-	-	-	-	-	-	-	11
Turkey Vulture	6	1	15	101	26	17	15	55	33	11	29
Tundra Swan	-	-	-	-	-	-	-	-	-	-	-
Mute Swan	-	-	-	4	-	-	-	-	9	-	-
Snow Goose (white form)	-	-	-	-	-	-	-	1	-	-	-
Canada Goose	-	24	140	395	34	101	77	216	185	116	177
Wood Duck	-	20	16	21	6	21	15	35	4	32	5
Green-winged Teal	-	-	-	-	-	-	-	-	-	-	-
American Black Duck	-	-	-	-	-	-	-	-	-	-	-
Mallard	-	41	25	111	14	30	5	28	115	19	26
Northern Shoveler	-	-	-	-	-	-	-	-	-	-	-
Blue-winged Teal	-	-	-	-	-	-	1	-	-	-	-
Gadwall	-	-	-	-	-	-	-	-	-	-	-
American Wigeon	-	-	-	-	-	-	-	-	-	-	-
Canvasback	-	-	-	-	-	-	-	-	-	-	-

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	PERR	PHIL	POTT	SCHU	SULL	TIOSG	VENA	WAYN	WEST	WYOM	YORK
Redhead	-	-	-	-	-	-	-	-	-	-	-
Ring-necked Duck	-	-	-	-	-	-	-	-	-	-	-
Greater Scaup	-	-	-	-	-	-	-	-	-	-	-
Long-tailed Duck	-	-	-	-	-	-	-	-	-	-	-
Bufflehead	-	-	-	-	-	1	-	-	-	-	-
Hooded Merganser	-	-	-	2	-	-	1	1	-	-	-
Common Merganser	-	-	24	3	4	1	-	42	-	3	-
Red-breasted Merganser	-	-	-	-	-	-	-	-	-	-	-
Ruddy Duck	-	-	-	3	-	-	-	-	-	-	-
Osprey	-	-	-	2	1	21	-	4	5	-	5
Bald Eagle	-	-	-	-	-	2	-	3	-	1	2
Northern Harrier	-	-	1	2	-	-	-	-	1	-	-
Sharp-shinned Hawk	-	-	1	4	1	-	-	-	6	-	-
Cooper's Hawk	-	2	-	3	-	-	1	1	4	1	1
Red-shouldered Hawk	2	-	-	-	-	-	-	-	3	-	-
Broad-winged Hawk	1	-	2	2	-	-	-	5	3	1	-
Red-tailed Hawk	-	3	2	20	4	15	6	12	45	5	14
American Kestrel	-	-	2	8	-	3	2	3	8	3	4
Peregrine Falcon	-	-	-	-	-	-	-	-	-	-	-
Ring-necked Pheasant	-	7	-	5	6	1	-	-	-	-	1
Ruffed Grouse	1	-	5	6	8	4	1	8	-	-	-
Wild Turkey	6	-	6	26	14	16	1	53	-	5	1
Northern Bobwhite	-	-	-	-	-	-	-	-	-	-	-
Virginia Rail	-	-	-	-	-	3	1	-	-	1	-
Sora	-	-	1	-	-	-	-	-	2	-	-
Common Moorhen	-	-	-	-	-	-	-	-	-	-	-
American Coot	-	-	-	-	-	-	-	-	-	-	-
Sandhill Crane	-	-	-	-	-	-	-	-	-	-	-
Black-bellied Plover	-	-	-	-	-	-	-	-	-	-	-
Semipalmated Plover	-	-	-	-	-	-	1	-	-	-	-
Killdeer	-	4	20	27	5	20	17	19	44	8	11
Greater Yellowlegs	-	2	-	1	-	1	-	-	1	-	-
Lesser Yellowlegs	-	-	-	-	-	2	-	-	1	-	-
Solitary Sandpiper	-	-	5	11	-	4	-	4	8	-	2
Willet	-	-	-	-	-	-	-	-	-	-	-
Spotted Sandpiper	-	3	-	11	-	4	10	1	3	3	6
Ruddy Turnstone	-	-	-	-	-	-	-	-	-	-	-
Semipalmated Sandpiper	-	100	-	-	-	-	-	-	-	-	-
Least Sandpiper	-	10	-	-	-	1	1	5	9	-	1
White-rumped Sandpiper	-	-	-	-	-	-	-	-	-	-	-
Pectoral Sandpiper	-	-	-	-	-	-	-	-	1	-	-
Dunlin	-	-	-	-	-	-	-	-	-	-	-
Short-billed Dowitcher	-	-	-	-	-	-	-	-	-	-	-
Common Snipe	-	-	-	-	-	1	1	-	1	-	-
American Woodcock	-	-	-	-	4	-	2	2	-	-	-
Laughing Gull	-	-	-	-	-	-	-	-	-	-	-
Bonaparte's Gull	-	-	-	-	-	-	-	-	-	-	-
Common Black-headed Gull	-	-	-	-	-	-	-	-	-	-	-
Ring-billed Gull	-	5	-	-	-	11	-	-	8	-	18
Herring Gull	-	-	-	-	-	-	-	5	-	-	1
Great Black-backed Gull	-	-	-	-	-	-	-	-	-	-	-
Caspian Tern	-	1	-	-	-	-	-	-	-	-	-
Common Tern	-	-	-	-	-	-	-	-	1	-	-
Foster's Tern	-	-	-	-	-	-	1	-	3	-	-
Black Tern	-	-	-	-	-	-	3	-	-	-	-
Rock Dove	3	23	21	98	-	25	6	10	108	28	58
Mourning Dove	15	32	99	151	95	65	9	103	228	70	160

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	PERR	PHIL	POTT	SCHU	SULL	TIOG	VENA	WAYN	WEST	WYOM	YORK
Black-billed Cuckoo	-	-	-	2	-	-	-	-	1	1	-
Yellow-billed Cuckoo	4	-	-	11	-	-	-	1	4	1	1
Barn Owl	-	-	-	1	-	-	-	-	-	-	-
Eastern Screech-Owl	-	1	-	2	1	1	2	-	4	3	-
Great Horned Owl	-	1	-	1	-	-	-	-	5	3	2
Barred Owl	2	-	-	-	-	-	-	-	2	1	-
Short-eared Owl	-	-	-	-	-	-	2	-	-	-	-
Northern Saw-whet Owl	-	-	-	-	-	-	-	-	-	-	-
Common Nighthawk	1	1	-	3	-	-	-	-	-	-	-
Whip-poor-will	-	-	-	-	-	-	-	-	3	-	-
Chimney Swift	2	17	4	8	10	18	31	25	181	17	49
Ruby-throated Hummingbird	3	4	4	11	24	11	3	14	17	4	3
Belted Kingfisher	1	-	3	10	2	9	2	6	8	4	2
Red-headed Woodpecker	-	-	-	-	1	-	-	-	-	-	1
Red-bellied Woodpecker	11	12	-	21	2	1	6	3	55	7	18
Yellow-bellied Sapsucker	-	-	7	-	9	5	4	10	-	5	-
Downy Woodpecker	1	11	3	13	11	7	2	16	38	24	7
Hairy Woodpecker	-	2	-	4	10	2	1	12	14	3	2
Northern Flicker	2	20	13	29	11	6	12	13	44	14	13
Pileated Woodpecker	3	1	-	12	2	5	1	4	10	2	4
Olive-sided Flycatcher	1	-	1	2	-	-	-	-	-	-	-
Eastern Wood-Pewee	-	6	1	11	2	-	2	7	21	4	18
Yellow-bellied Flycatcher	-	-	-	-	-	-	-	-	-	-	-
Acadian Flycatcher	-	2	-	1	-	-	-	-	27	-	6
Alder Flycatcher	-	-	-	-	2	-	-	-	-	-	-
Willow Flycatcher	-	-	-	-	-	-	-	2	2	-	-
Least Flycatcher	8	2	2	11	6	3	-	31	1	8	-
Eastern Phoebe	8	6	14	35	28	14	5	42	35	25	27
Great Crested Flycatcher	3	16	-	23	1	2	1	24	8	8	19
Eastern Kingbird	-	12	19	16	2	11	2	17	11	3	17
White-eyed Vireo	-	3	-	-	-	-	-	-	32	-	12
Blue-headed Vireo	2	-	3	18	4	-	3	19	2	4	1
Yellow-throated Vireo	-	-	-	4	-	-	4	4	7	9	7
Warbling Vireo	-	21	1	1	-	9	1	6	12	5	8
Philadelphia Vireo	-	-	3	-	-	-	-	1	1	-	-
Red-eyed Vireo	10	87	13	183	27	27	25	81	208	59	70
Blue Jay	12	30	18	120	44	25	11	84	115	39	38
American Crow	35	43	118	268	75	83	28	467	222	114	71
Fish Crow	-	4	-	5	-	-	-	1	-	-	11
Common Raven	-	4	-	4	3	6	-	1	-	-	-
Horned Lark	-	-	4	1	-	-	-	-	4	-	-
Purple Martin	-	-	-	23	-	-	-	-	2	-	18
Tree Swallow	6	492	175	105	50	76	115	213	100	36	18
N. Rough-winged Swallow	1	6	3	67	-	4	6	28	35	2	49
Bank Swallow	-	1	6	58	1	21	20	8	2	3	3
Cliff Swallow	-	-	43	31	-	26	-	6	7	-	8
Barn Swallow	12	2	123	140	63	67	113	193	256	54	106
Black-capped Chickadee	3	-	25	50	51	38	6	60	46	45	-
Carolina Chickadee	-	31	-	-	-	-	-	-	20	-	25
Tufted Titmouse	9	27	1	92	22	6	6	15	99	18	23
Red-breasted Nuthatch	-	-	4	1	3	1	-	2	3	-	-
White-breasted Nuthatch	2	4	4	12	13	9	2	14	20	11	3
Brown Creeper	-	-	1	4	-	-	-	4	-	-	-
Carolina Wren	5	23	-	11	3	6	3	-	39	3	19
House Wren	5	32	6	36	16	22	5	42	27	26	20
Winter Wren	-	-	-	1	-	-	-	1	-	-	-
Sedge Wren	-	-	-	-	-	-	-	-	-	-	-

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	PERR	PHIL	POTT	SCHU	SULL	TIOSG	VENA	WAYN	WEST	WYOM	YORK
Marsh Wren	-	8	-	-	-	-	-	2	-	-	-
Golden-crowned Kinglet	-	-	-	8	-	-	-	-	-	-	-
Ruby-crowned Kinglet	-	-	-	2	1	7	-	-	1	-	-
Blue-gray Gnatcatcher	6	15	-	38	3	3	3	3	31	4	19
Eastern Bluebird	33	-	30	43	17	22	7	44	42	11	34
Mountain Bluebird	-	-	-	-	-	-	-	-	1	-	-
Veery	-	15	2	21	-	-	-	13	5	15	-
Gray-cheeked Thrush	-	-	-	-	-	-	-	-	2	-	-
Swainson's Thrush	-	32	-	1	-	-	1	-	4	2	1
Hermit Thrush	-	-	8	4	10	1	4	22	4	3	-
Wood Thrush	3	31	9	102	4	7	25	6	181	36	81
American Robin	29	142	249	275	162	126	32	330	770	226	278
Gray Catbird	17	125	18	176	26	23	7	65	161	134	102
Northern Mockingbird	6	13	-	19	-	5	-	2	22	1	31
Brown Thrasher	2	6	5	8	3	8	-	3	11	3	10
American Pipit	-	-	-	-	-	1	-	-	-	-	-
Cedar Waxwing	30	72	28	39	24	31	10	20	157	34	52
European Starling	36	71	191	448	22	88	14	171	450	127	155
Blue-winged Warbler	7	2	3	42	-	2	8	3	39	6	13
Golden-winged Warbler	1	-	-	9	-	-	-	-	8	-	-
Tennessee Warbler	-	1	-	2	-	-	1	1	7	-	-
Orange-crowned Warbler	-	1	-	-	-	-	-	-	-	-	-
Nashville Warbler	-	-	6	-	1	-	-	-	6	-	-
Northern Parula	-	18	-	18	-	-	1	4	4	1	16
Yellow Warbler	7	92	24	64	17	44	20	134	132	93	54
Chestnut-sided Warbler	2	7	44	22	33	25	2	22	19	14	2
Magnolia Warbler	-	18	7	4	3	-	13	8	23	2	3
Cape May Warbler	-	-	-	-	-	-	-	-	-	2	-
Black-throated Blue Warbler	-	17	1	11	1	5	1	7	10	5	2
Yellow-rumped Warbler	-	44	3	10	9	1	2	12	3	8	11
Black-throated Green Warbler	-	10	9	38	29	1	4	34	23	11	5
Blackburnian Warbler	-	7	7	17	7	-	12	6	4	3	1
Yellow-throated Warbler	-	-	-	-	-	-	-	-	5	-	-
Kirtland's Warbler	-	-	-	-	-	-	-	-	-	-	-
Pine Warbler	-	-	-	20	-	-	-	3	-	1	1
Prairie Warbler	10	1	-	24	4	-	1	2	3	1	5
Palm Warbler	-	-	-	-	-	-	-	-	-	-	1
Bay-breasted Warbler	-	3	-	6	-	-	-	-	4	1	3
Blackpoll Warbler	-	35	-	1	-	-	-	-	3	-	-
Cerulean Warbler	-	-	-	2	-	-	4	2	11	-	6
Black-and-white Warbler	4	9	2	56	4	5	5	17	9	4	13
American Redstart	1	22	7	36	10	4	7	47	72	34	20
Prothonotary Warbler	-	-	-	-	-	1	-	-	-	-	-
Worm-eating Warbler	3	-	-	13	-	-	-	6	-	1	15
Swainson's Warbler	-	-	-	-	-	-	-	-	1	-	-
Ovenbird	17	18	40	267	28	10	6	115	49	83	35
Northern Waterthrush	-	4	-	1	-	-	-	-	4	2	-
Louisiana Waterthrush	-	1	-	5	-	1	5	4	20	2	3
Kentucky Warbler	-	-	-	-	-	-	1	-	20	-	19
Mourning Warbler	-	-	-	1	-	-	-	-	1	-	-
Common Yellowthroat	9	26	51	188	40	41	26	103	162	71	41
Hooded Warbler	2	-	10	30	-	-	14	-	33	1	13
Wilson's Warbler	-	3	1	1	-	-	-	-	1	-	-
Canada Warbler	-	5	1	9	-	-	1	2	4	5	-
Yellow-breasted Chat	3	1	-	2	-	-	-	-	4	-	-
Summer Tanager	-	-	-	-	-	-	-	-	-	-	-
Scarlet Tanager	7	17	6	56	7	3	6	52	80	22	36

NORTH AMERICAN MIGRATION COUNT - MAY 12, 2001

	PERR	PHIL	POTT	SCHU	SULL	TIOG	VENA	WAYN	WEST	WYOM	YORK
Northern Cardinal	32	35	13	91	34	29	11	33	227	49	98
Rose-breasted Grosbeak	2	9	7	24	35	16	13	26	73	17	-
Blue Grosbeak	-	1	-	-	-	-	-	-	-	-	-
Indigo Bunting	35	1	17	101	9	7	11	13	133	30	60
Eastern Towhee	9	7	23	73	23	3	9	22	161	9	28
American Tree Sparrow	-	-	-	-	-	-	-	-	-	-	-
Chipping Sparrow	23	-	50	134	60	20	12	97	109	121	33
Clay-colored Sparrow	-	-	-	-	-	-	-	-	-	-	1
Field Sparrow	8	2	9	27	9	3	5	4	26	8	7
Vesper Sparrow	-	-	1	-	-	-	-	2	2	1	-
Savannah Sparrow	-	-	23	1	1	-	4	1	5	8	-
Grasshopper Sparrow	-	-	-	-	-	-	8	-	3	1	-
Henslow's Sparrow	-	-	-	-	-	-	17	-	-	2	-
Fox Sparrow	-	-	-	-	1	-	-	-	-	-	-
Song Sparrow	12	44	44	81	21	40	17	85	195	112	16
Lincoln's Sparrow	-	-	-	-	-	-	-	-	-	-	1
Swamp Sparrow	-	12	16	2	3	1	3	5	2	4	-
White-throated Sparrow	1	2	6	21	21	7	-	2	3	1	1
White-crowned Sparrow	-	2	7	4	4	15	1	1	4	1	-
Dark-eyed Junco	-	-	25	5	23	20	5	5	16	3	-
Lapland Longspur	-	-	-	-	-	-	-	-	-	-	-
Bobolink	-	-	67	7	27	25	28	78	16	83	-
Red-winged Blackbird	25	345	281	366	63	359	106	385	524	219	89
Eastern Meadowlark	-	-	25	2	4	17	11	6	27	11	3
Western Meadowlark	-	-	-	-	-	-	-	-	1	-	-
Rusty Blackbird	-	-	-	-	-	-	-	1	-	-	-
Common Grackle	25	87	185	335	14	96	27	53	326	111	273
Brown-headed Cowbird	12	27	25	77	30	60	9	57	70	11	25
Orchard Oriole	-	3	-	-	-	1	3	-	10	4	6
Baltimore Oriole	11	46	9	53	22	23	30	89	140	27	62
Purple Finch	-	1	11	1	19	14	1	25	-	1	3
House Finch	25	16	14	41	16	21	1	31	76	8	38
Common Redpoll	-	-	-	-	-	-	-	-	-	-	-
Pine Siskin	-	-	-	-	-	-	-	-	-	-	-
American Goldfinch	24	37	188	85	72	99	7	60	158	219	84
Evening Grosbeak	-	-	-	-	-	-	-	-	-	-	-
House Sparrow	7	36	39	202	12	12	9	37	185	67	44
Accipiter sp.	-	-	-	-	-	-	-	-	1	-	-
Buteo sp.	-	-	-	-	1	-	-	-	-	-	-
Peep sp.	-	-	-	-	-	-	-	-	-	-	-
Gull sp.	-	-	-	-	-	1	-	-	-	-	-
Cuckoo sp.	-	-	-	-	-	1	-	-	-	-	-
Empidonax sp.	-	-	-	-	-	-	-	-	2	-	-
Crow sp.	-	-	-	-	-	-	-	-	-	-	-
Chickadee sp.	-	-	-	-	-	-	-	-	11	-	4
Thrush sp.	-	-	-	-	-	-	-	-	-	-	-
Brewster's Warbler	-	-	-	2	-	-	-	-	-	-	-
Lawrence's Warbler	-	-	-	1	-	-	-	-	-	-	-
Total Individuals	666	2864	2858	6356	1714	2366	1195	4490	7710	2975	3212
Total Species	70	105	96	139	93	106	108	120	145	113	112
Number of Observers	3	25	7.00	23	20	12	5	12	34	5	15
Total Hours	15.00	33.00	33.0	101.50	85.50	46.75	14.50	38.50	149.10	36.00	57.25

NORTH AMERICAN MIGRATION COUNT - MAY 12, 2001

	Totals	Number of Counts	High	High Count
Common Loon	44	20	7	INDI
Pied-billed Grebe	12	4	8	BERK
Horned Grebe	3	3	1	BUCK
Double-crested Cormorant	862	32	109	BUCK
American Bittern	4	4	1	2
Great Blue Heron	468	37	59	LAWR
Great Egret	48	9	26	DAUP
Snowy Egret	2	1	2	DAUP
Little blue Heron	2	2	1	3
Green Heron	167	34	15	FRAN
Black-crowned Night-Heron	126	5	113	LANC
Yellow-crowned Night-Heron	5	1	5	CUMB
Black Vulture	212	14	61	LANC
Turkey Vulture	1890	43	185	LANC
Tundra Swan	3	2	2	LANC
Mute Swan	58	12	20	BUCK
Whooping Crane (white form)	30	4	14	LANC
Canada Goose	9059	43	950	BUCK
Wood Duck	857	38	140	LANC
Green-winged Teal	6	3	3	LANC
American Black Duck	22	7	8	LANC
Mallard	2813	43	286	LANC
Northern Shoveler	2	2	1	4
Blue-winged Teal	15	6	6	BUTL
Gadwall	4	2	3	ERIE
American Wigeon	1	1	1	FRAN
Canvasback	1	1	1	LANC
Redhead	1	1	1	ERIE
Ring-necked Duck	10	6	4	FRAN
Greater Scaup	2	2	1	5
Long-tailed Duck	2	2	1	6
Bufflehead	7	5	3	LANC
Hooded Merganser	38	12	10	DAUP
Common Merganser	137	16	42	WAYN
Red-breasted Merganser	3	2	2	INDI
Ruddy Duck	7	4	3	SCHU
Osprey	75	22	21	TIOG
Bald Eagle	55	21	13	LANC
Northern Harrier	18	8	6	CLAR
Sharp-shinned Hawk	58	23	6	WEST
Cooper's Hawk	57	29	5	7
Red-shouldered Hawk	33	13	6	LAWR
Broad-winged Hawk	56	18	6	LUZE
Red-tailed Hawk	568	39	50	BUCK
American Kestrel	191	36	21	FRAN
Peregrine Falcon	2	2	1	8
Ring-necked Pheasant	120	28	14	GREEN
Ruffed Grouse	106	29	11	CLEA
Wild Turkey	485	32	103	GREEN
Northern Bobwhite	11	7	5	MIFF
Virginia Rail	20	8	5	CAMB
Sora	13	6	6	CHES
Common Moorhen	4	2	2	9
American Coot	10	6	5	BERK
Sandhill Crane	2	1	2	MERC
Black-bellied Plover	9	3	4	LANC
Semipalmated Plover	17	6	10	LUZE
Killdeer	912	42	78	FRAN
Greater Yellowlegs	59	18	16	LAWR
Lesser Yellowlegs	43	16	7	10
Solitary Sandpiper	253	29	31	BUCK
Willet	1	1	1	CAMB
Spotted Sandpiper	316	34	52	JUNI
Ruddy Turnstone	1	1	1	INDI
Semipalmated Sandpiper	170	6	100	PHIL
Least Sandpiper	692	24	378	LANC
White-rumped Sandpiper	1	1	1	LANC
Pectoral Sandpiper	8	4	3	11
Dunlin	38	6	14	ERIE
Short-billed Dowitcher	1	1	1	ADAM
Common Snipe	9	7	2	12
American Woodcock	56	19	9	INDI
Laughing Gull	678	2	664	BUCK
Bonaparte's Gull	1	1	1	CAMB
Common Black-headed Gull	1	1	1	LANC
Ring-billed Gull	1226	26	658	LANC
Herring Gull	509	10	414	BUCK
Great Black-backed Gull	22	3	10	ERIE
Caspian Tern	21	6	11	ERIE
Common Tern	11	4	6	ERIE
Forster's Tern	62	8	23	DELA
Black Tern	5	3	3	VENA
Rock Dove	3013	38	496	FRAN
Mourning Dove	5028	45	548	INDI
Black-billed Cuckoo	69	25	12	MIFF
Yellow-billed Cuckoo	121	24	16	JUNI
Barn Owl	23	4	12	BERK
Eastern Screech-Owl	83	23	33	CHES
Great Horned Owl	56	23	10	BUCK
Barred Owl	43	16	7	GREE
Short-eared Owl	5	3	2	13
Northern Saw-whet Owl	2	1	2	LUZE
Common Nighthawk	55	16	18	LUZE
Whip-poor-will	111	17	25	LUZE
Chimney Swift	2640	43	293	INDI
Ruby-throated Hummingbird	446	43	50	ARMS
Belted Kingfisher	177	36	13	14
Red-headed Woodpecker	33	14	10	FRAN
Red-bellied Woodpecker	1261	42	205	FRAN
Yellow-bellied Sapsucker	51	14	10	WAYN
Downy Woodpecker	807	44	143	FRAN
Hairy Woodpecker	242	38	26	INDI
Northern Flicker	1046	45	101	FRAN
Pileated Woodpecker	289	43	31	JUNI
Olive-sided Flycatcher	6	5	2	SCHU
Eastern Wood-Pewee	464	34	52	CHES
Yellow-bellied Flycatcher	1	1	1	INDI
Acadian Flycatcher	211	23	29	CHES

NORTH AMERICAN MIGRATION COUNT - MAY 12, 2001

	Totals	Number of Counts	High	High Count
Alder Flycatcher	6	5	2	SULL
Willow Flycatcher	49	20	5	CHES
Least Flycatcher	188	30	31	WAYN
Eastern Phoebe	1069	45	185	FRAN
Great Crested Flycatcher	754	43	77	JUNI
Eastern Kingbird	758	38	76	CHES
White-eyed Vireo	205	23	32	WEST
Blue-headed Vireo	186	30	35	CENT
Yellow-throated Vireo	204	26	28	BUTL
Warbling Vireo	429	36	60	JUNI
Philadelphia Vireo	15	11	3	POTT
Red-eyed Vireo	3926	42	406	INDI
Blue Jay	3120	44	268	INDI
American Crow	7820	45	1424	FRAN
Fish Crow	355	24	141	LEBA
Common Raven	73	22	12	JUNI
Horned Lark	122	19	30	FRAN
Purple Martin	918	22	162	LANC
Tree Swallow	7411	45	1500	BUTL
N. Rough-winged Swallow	983	38	77	BUCK
Bank Swallow	1439	32	500	ERIE
Cliff Swallow	713	24	200	BUTL
Barn Swallow	6389	44	1000	BUTL
Black-capped Chickadee	1273	39	155	INDI
Carolina Chickadee	571	15	101	BUCK
Tufted Titmouse	2280	43	391	FRAN
Red-breasted Nuthatch	23	14	3	15
White-breasted Nuthatch	489	44	49	INDI
Brown Creeper	24	14	4	16
Carolina Wren	769	38	78	BUCK
House Wren	1409	43	233	FRAN
Winter Wren	14	8	4	BERK
Sedge Wren	3	1	3	BUTL
Marsh Wren	14	4	8	PHIL
Golden-crowned Kinglet	46	11	12	FRAN
Ruby-crowned Kinglet	19	11	7	TIOG
Blue-gray Gnatcatcher	734	38	64	BERK
Eastern Bluebird	1737	41	246	FRAN
Mountain Bluebird	1	1	1	WEST
Veery	381	30	74	CHES
Gray-cheeked Thrush	5	4	2	WEST
Swainson's Thrush	64	18	32	PHIL
Hermit Thrush	162	27	24	LUZE
Wood Thrush	3333	43	318	INDI
American Robin	15850	45	2104	INDI
Gray Catbird	5727	45	574	CHES
Northern Mockingbird	862	34	149	FRAN
Brown Thrasher	491	40	108	INDI
American Pipit	170	9	92	FRAN
Cedar Waxwing	2818	39	508	JUNI
European Starling	11931	44	1293	FRAN
Blue-winged Warbler	560	36	78	GREEN
Golden-winged Warbler	79	14	15	17
Tennessee Warbler	91	20	19	ALLE
Orange-crowned Warbler	2	2	1	18
Nashville Warbler	54	20	10	BUTL
Northern Parula	228	26	29	BUCK
Yellow Warbler	3245	42	289	GREEN
Chestnut-sided Warbler	627	41	80	CENT
Magnolia Warbler	273	38	23	WEST
Cape May Warbler	24	7	11	FRAN
Black-throated Blue Warbler	227	34	21	CENT
Yellow-rumped Warbler	493	35	60	ERIE
Black-throated Green Warbler	774	38	90	INDI
Blackburnian Warbler	247	30	26	FORE
Yellow-throated Warbler	21	10	5	19
Kirtland's Warbler	1	1	1	CLAR
Pine Warbler	65	16	20	SCHU
Prairie Warbler	255	32	31	BUCK
Palm Warbler	11	7	3	20
Bay-breasted Warbler	55	18	9	BUTL
Blackpoll Warbler	103	17	35	PHIL
Cerulean Warbler	156	23	26	GREEN
Black-and-white Warbler	535	38	65	BERK
American Redstart	987	41	84	INDI
Prothonotary Warbler	6	4	2	21
Worm-eating Warbler	217	24	40	JUNI
Swainson's Warbler	1	1	1	WEST
Ovenbird	3681	44	358	LEBA
Northern Waterthrush	64	21	11	CENT
Louisiana Waterthrush	187	30	22	JUNI
Kentucky Warbler	120	17	20	WEST
Mourning Warbler	6	6	1	22
Common Yellowthroat	3793	45	497	INDI
Hooded Warbler	413	31	62	INDI
Wilson's Warbler	16	11	3	23
Canada Warbler	109	21	49	CENT
Yellow-breasted Chat	136	20	48	GREEN
Summer Tanager	2	2	1	24
Scarlet Tanager	1717	43	220	INDI
Northern Cardinal	4074	45	287	INDI
Rose-breasted Grosbeak	794	42	78	INDI
Blue Grosbeak	7	3	5	LANC
Indigo Bunting	2201	43	190	GREEN
Eastern Towhee	2556	45	381	INDI
American Tree Sparrow	3	1	3	FRAN
Chipping Sparrow	3141	43	415	INDI
Clay-colored Sparrow	4	2	3	CLAR
Field Sparrow	973	41	117	INDI
Vesper Sparrow	62	20	10	25
Savannah Sparrow	235	32	31	LAWR
Grasshopper Sparrow	201	24	36	FRAN
Henslow's Sparrow	83	8	36	CLAR
Fox Sparrow	5	3	3	FRAN
Song Sparrow	3598	45	381	INDI
Lincoln's Sparrow	9	5	4	ERIE
Swamp Sparrow	218	26	46	LUZE
White-throated Sparrow	172	31	21	SULL

NORTH AMERICAN MIGRATION COUNT - MAY 12, 2001

	Totals	Number of Counts	High	High Count
White-crowned Sparrow	112	28	17	FRAN
Dark-eyed Junco	197	21	25	POTT
Lapland Longspur	5	1	5	LANC
Bobolink	1224	33	251	LACK
Red-winged Blackbird	11056	44	1293	INDI
Eastern Meadowlark	744	38	136	INDI
Western Meadowlark	1	1	1	WEST
Rusty Blackbird	1	1	1	WAYN
Common Grackle	11124	44	1224	FRAN
Brown-headed Cowbird	2318	45	245	FRAN
Orchard Oriole	293	27	52	GREE
Baltimore Oriole	3023	45	286	JUNI
Purple Finch	286	28	59	MIFF
House Finch	1953	42	213	FRAN
Common Redpoll	6	1	6	INDI
Pine Siskin	2	1	2	GREE
American Goldfinch	4620	44	425	FRAN
Evening Grosbeak	57	2	55	ELK
House Sparrow	4504	42	535	FRAN
Total Species	235		158	LANC
Total Individuals	207956		17255	INDI
Number of Observers	901		84	FRAN

Codes for Multiple Counts in High Column

- 1 BUCK, BUTL, LYCO
- 2 LACK, LEBA, LUZE, SCHU
- 3 CHES, INDI
- 4 BUTL, ERIE
- 5 FRAN, HUNT
- 6 BUCK, LANC
- 7 FRAN, LANC
- 8 ALLE, BUCK
- 9 CRAW, LAWR
- 10 CHES, LUZE
- 11 CUMB, LUZE
- 12 BUTL, CLEA
- 13 LAWR, VENA
- 14 FRAN, JUNI
- 15 FRAN, SULL, WEST
- 16 SCHU, WAYN
- 17 CENT, JUNI
- 18 INDI, PHIL
- 19 GREE, WEST
- 20 ALLE, ERIE
- 21 CLAR, LANC
- 22 CLAR, CRAW, LUZE, MERC, SCHU, WEST
- 23 ALLE, PHIL
- 24 ALLE, GREE
- 25 FRAN, INDI