

# PENNSYLVANIA BIRDS



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COVER: Long-eared Owl, *Montour*, 6/9/2002  
Photo by Wayne Laubscher

## from the Editor...

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### Transitions...

As some of you already know, this will be my final issue as Chief Editor. Too many family and work-related responsibilities have left me with not enough time to do a good job as editor. I've enjoyed taking on this responsibility and have learned all sorts of things while doing it, but it is time for me to move on.

Nick Pulcinella will be the new Chief Editor. Many of you will

recognize his name from his various other activities including being our Rare Bird Reports head, the secretary of the Pennsylvania Ornithological Records Committee and the author of Birds of Delaware County. I'm sure Nick will do a fine job as Chief Editor and would like to encourage you all to join me in welcoming him as Chief Editor!

I want to thank Frank Haas, Dan Brauning, and Paul Hess for their considerable help to me over the my

time as editor. I also want to thank all of you for being understanding of all the delays and learning pains as we've learned how to do this job and worked on making improvements and changes to lead to a better publication. There will be more changes coming up with Nick's first issue, but I'll leave him to tell you about them.

As always, I encourage you to send in your reports and photographs.

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# Announcing!

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# 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 63<sup>rd</sup> 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 11<sup>th</sup> 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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Lewis, Barbara Huffman, Dick Franz,  
Conrad Licker, Gary LaBelle, Denna  
Claypool, Joe Church, Dan Bogar, Jane  
Barnette, Richard and Peggy Price,  
Carl and Nancy Juris, Kate McMullen,  
Dick Williams, Bernie Christ, Heidi  
Kushlan, Pete and Jodi Fox & son, Bill  
Youtz, JJ Ortiz, Rich and Sally Zaino,  
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Myra, Hill, Allen, Hoffman, Deunae,  
Howard, Jerry, Howard, Marjorie, Hoy,  
Jo, Hutcheson, Pat, Kern, Kathy,  
Kisner, Kathy, McVay, Carroll, McVay,  
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Reeves, Kathy, Renner, Kathy, Rice,  
Janet, Ronzio, Lillian, Ronzio, Terry,  
Shumaker, Atilia, Stoll, Erin,  
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Omah Duggan, David Dunmire, Mary  
Ann Dunmire, Gary Ferrence, Betsy  
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Fowles, Mike Fowles, Nelson Frew,  
Steve Graff, Ed Griffith, Joyce Griffith,  
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Jennings, Pat Johner, Mark Keppler,  
Carol Kerr, Gloria Lamer, Howard  
Mandigo, Beth Marshall, Ken Marshall,  
Gib McLaughlin, Bruce Mehus, Helen  
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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	-	-	-	-	-	-	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	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	7	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.	-	5	-	-	-	2	-	-	-	-	1	2	-	-	-
Empid sp.	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Crow sp.	2	-	-	-	3	-	-	-	-	-	-	-	-	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	-	-	8	12	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	225	32	196	133	3	-
Red-eyed Vireo	8	11	166	263	36	24	2	5	6	434	11	259	78	288	1
Blue Jay	44	13	187	375	83	26	346	1	15	351	18	390	124	351	1
American Crow	33	26	35	17	6	-	22	1	29	25	4	3	1	499	8
Fish Crow	1	-	1	2	-	2	-	-	-	2	1	-	7	3	-
Common Raven	4	-	1	5	-	-	-	-	-	15	1	-	-	6	-
Horned Lark	-	-	46	-	-	-	-	-	-	56	-	44	-	3	-
Purple Martin	-	10	5	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	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	-	-	1	-	-	-	-	-	-	-	-
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	-	-	-	-

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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	1	6	-
Dark-eyed Junco	5	2	-	-	-	1	23	20	49	-	11	-	-	5	-
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

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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	-	-	-	-	3	-	-	-	-	-	-	-	-	-
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	-	-	13	4	4	60	12	21
Killdeer	2	2	-	26	27	-	2	1	1	-	-	-	-	3
Greater Yellowlegs	-	-	-	-	-	-	-	-	1	-	-	-	-	-
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	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	-	-	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	-	-	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

	Totals	Number of Counts	High	High Count
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

# Pennsylvania's "Breeding" Season

By Franklin Haas

We often think of the occurrence of birds in Pennsylvania according to the "season." Sometimes we use the calendar seasons — spring, summer, fall, and winter. But we also use the seasons defined by the birds' behavior — winter, spring migration, breeding season, and fall migration. But what are those seasons? To answer part of that question (the breeding season), I researched the literature and assembled a table of breeding activity for all of the species that regularly breed in the state. I used the following criteria to define "breeding."

1. Nest building
2. Egg-laying
3. Egg Incubation
4. Care of young in nest

Specific data on some of these time-lines was not always available. For instance specific dates of start of nest building. Or specific egg dates for Pennsylvania. In those cases, I extrapolated from data from nearby states or made an educated guess based on similar species. Please note that the dates listed in the accompanying table are not "safe dates" as used during the Breeding Bird Atlas Project. These dates are the extremes and overlap to a significant degree the migrating periods of these species.

Two species, Common Barn Owl (*Tyto alba*) and Rock Dove (*Columba livia*) are known to breed any time during the year if the food supply is adequate. This is unusual in Pennsylvania, as the winter months are usually too harsh. Therefore, for this study, I assigned early and late dates to them based on their most frequent nesting patterns.

The resulting data show that the "breeding" season in Pennsylvania extends from the third week in January to mid-December. If you include courtship behavior in this scenario, the "breeding" season becomes 365 days per year — Great Horned Owls begin courtship in December. However, once you remove the exceptionally early and late breeders (mostly hawks and owls), the "breeding" season can be identified as the third week of March to the first week of September.

At the peak of breeding activity in the state, from the last week of May to Mid-June, there are approximately 170 species engaged in breeding activity.

With the second Pennsylvania Breeding Bird Atlas Project currently being organized, this data can be useful in determining when to look for certain species' breeding activity. For instance, breeding activity for most hawks and owls can be confirmed well before most of the other species get back from the tropics. The hawks and owls as a group were generally under-reported during the last atlas period, so putting in extra effort during March to May could yield great benefits. These species could be concentrated on before the multitude of neotropical migrants (which are much easier to census) arrive back to occupy our time and efforts.

Table 1 lists the dates that each species begins nest-building, egg-laying, incubation period, and fledging dates. The nest-building period, incubation period, and fledging period have been averaged for each species. The dates used generally exclude dates that were extremely out of

the ordinary for that species. For instance, if a species normal range of egg dates was May 25 to June 15, but there was a record of a set on August 5, I used the June 15 as the last date.

Figure 1 is a chart of the number of species breeding in the state by week. This only includes the four categories cited above — nest-building through fledging. It does not include courtship or caring for young once they have left the nest.

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Table 1. Breeding Activity Dates for Species in Pennsylvania

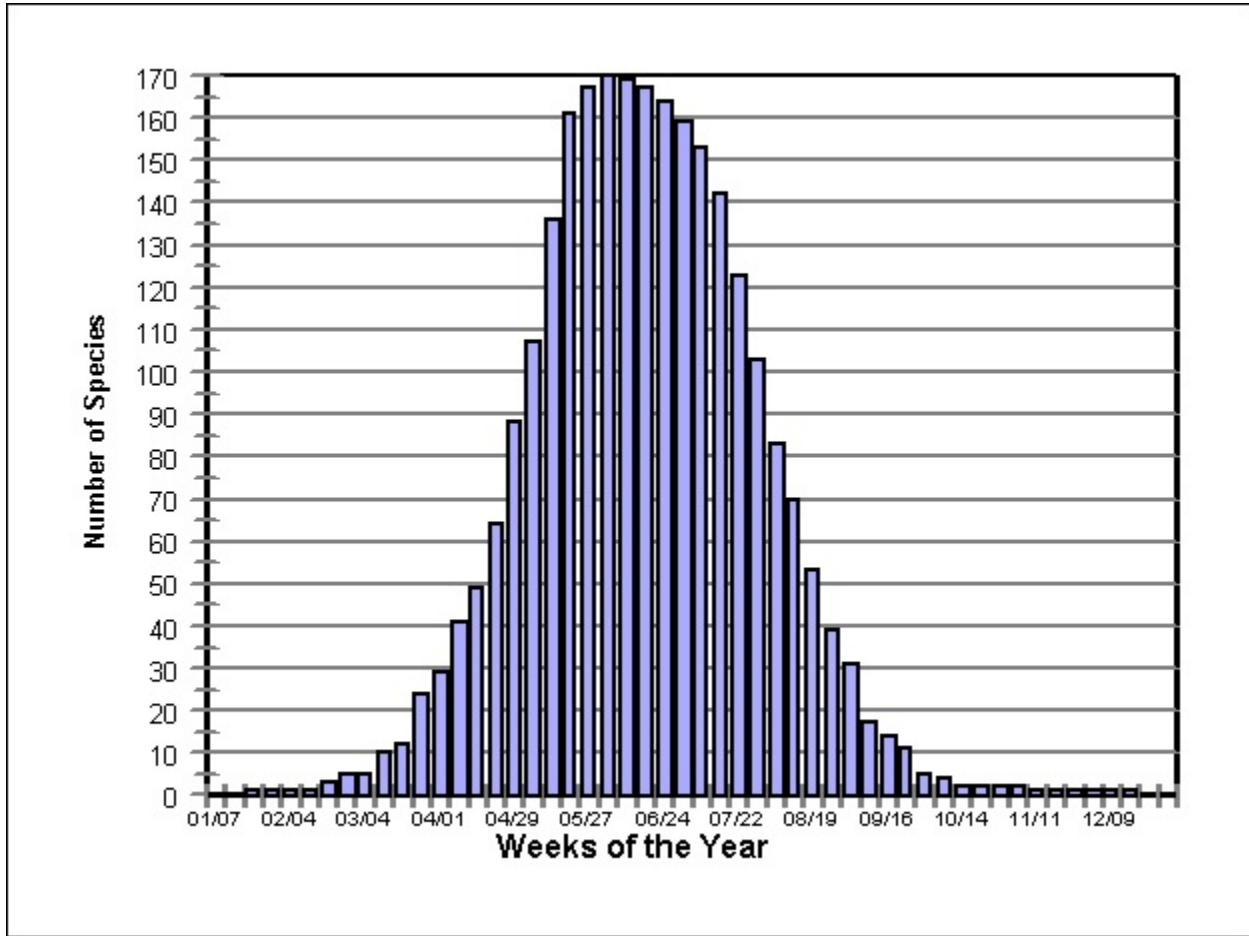
Species	Earliest	Earliest	Latest	Egg	Fledging	Last
	Nest	Egg	Egg	Incubation	Period	Breeding
	Date	Date	Date	Days	Days	Date
PIED-BILLED GREBE	05/02	05/09	07/23	23	0	08/15
AMERICAN BITTERN	05/17	05/24	06/23	26	14	08/02
LEAST BITTERN	04/26	05/03	07/12	18	10	08/09
GREAT BLUE HERON	04/11	04/18	05/04	28	64	08/04
GREEN HERON	04/23	04/30	06/26	20	30	08/15
BLACK-CROWNED NIGHT-HERON	04/21	04/28	06/01	25	30	07/26
YELLOW-CROWNED NIGHT-HERON	04/24	05/01	05/15	25	50	07/29
BLACK VULTURE	03/25	04/01	06/01	29	77	09/15
TURKEY VULTURE	04/03	04/10	06/11	35	77	10/01
CANADA GOOSE	04/08	04/15	05/15	28	0	06/12
MUTE SWAN	04/08	04/15	05/15	35	2	06/21
WOOD DUCK	05/05	05/12	05/22	29	0	06/20
AMERICAN BLACK DUCK	04/22	04/29	06/17	27	0	07/14
MALLARD	03/24	03/31	07/15	26	0	08/10
BLUE-WINGED TEAL	05/10	05/17	06/15	23	0	07/08
GREEN-WINGED TEAL	05/18	05/25	06/10	22	0	07/02
HOODED MERGANSER	03/25	04/01	05/02	31	0	06/02
COMMON MERGANSER	03/19	03/26	05/30	28	2	06/29
RUDDY DUCK	06/12	06/19	07/23	25	0	08/17
OSPREY	04/23	04/30	06/20	35	60	09/23
BALD EAGLE	02/20	02/27	03/09	35	77	06/29
NORTHERN HARRIER	05/06	05/13	06/15	24	37	08/15
SHARP-SHINNED HAWK	05/01	05/08	06/30	22	23	08/14
COOPER'S HAWK	04/16	04/23	06/09	30	34	08/12
NORTHERN GOSHAWK	03/15	03/22	05/18	36	45	08/07
RED-SHOULDERED HAWK	03/21	03/28	06/05	28	40	08/12
BROAD-WINGED HAWK	04/19	04/26	07/20	30	30	09/18
RED-TAILED HAWK	03/10	03/17	05/06	30	45	07/20
AMERICAN KESTREL	04/02	04/09	06/04	30	30	08/03
PEREGRINE FALCON	03/19	03/26	05/24	34	40	08/06
RING-NECKED PHEASANT	04/30	05/07	07/15	24	0	08/08
RUFFED GROUSE	05/18	05/25	06/24	23	0	07/17
WILD TURKEY	05/10	05/17	06/22	28	0	07/20
NORTHERN BOBWHITE	05/10	05/17	08/26	23	0	09/18
KING RAIL	05/16	05/23	06/08	22	0	06/30
VIRGINIA RAIL	04/27	05/04	06/27	19	0	07/16
SORA	05/03	05/10	06/11	18	0	06/29
COMMON MOORHEN	05/03	05/10	07/22	21	0	08/12
AMERICAN COOT	05/09	05/16	05/22	23	0	06/14
KILLDEER	03/06	03/13	06/27	25	0	07/22
SPOTTED SANDPIPER	04/13	04/20	06/20	21	0	07/11
UPLAND SANDPIPER	04/27	05/04	07/01	21	0	07/22

COMMON SNIPE	04/24	05/01	05/17	19	0	06/05
AMERICAN WOODCOCK	03/08	03/15	05/20	20	0	06/09
BLACK TERN	05/23	05/30	07/08	22	28	08/27
ROCK DOVE	03/08	03/15	09/15	18	30	11/02
MOURNING DOVE	03/22	03/29	08/30	13	14	09/26
BLACK-BILLED CUCKOO	04/22	04/29	08/06	14	8	08/28
YELLOW-BILLED CUCKOO	05/12	05/19	08/27	14	8	09/18
BARN OWL	02/15	02/22	09/20	26	60	12/15
EASTERN SCREECH-OWL	03/21	03/28	05/19	25	35	07/18
GREAT HORNED OWL	01/19	01/26	04/01	30	65	07/05
BARRED OWL	03/10	03/17	04/10	30	42	06/21
LONG-EARED OWL	03/12	03/19	05/17	21	23	06/30
SHORT-EARED OWL	04/11	04/18	06/17	21	25	08/02
NORTHERN SAW-WHET OWL	04/18	04/25	07/03	25	30	08/27
COMMON NIGHTHAWK	05/11	05/18	07/30	19	23	09/10
WHIP-POOR-WILL	05/07	05/14	07/10	19	23	08/21
CHIMNEY SWIFT	05/03	05/10	06/30	19	25	08/13
RUBY-THROATED HUMMINGBIRD	05/10	05/17	07/24	15	19	08/27
BELTED KINGFISHER	04/15	04/22	06/23	23	32	08/17
RED-HEADED WOODPECKER	05/17	05/24	06/05	14	27	07/16
RED-BELLIED WOODPECKER	03/25	04/01	06/03	14	26	07/13
YELLOW-BELLIED SAPSUCKER	04/13	04/20	06/03	12	27	07/12
DOWNY WOODPECKER	04/19	04/26	06/20	12	21	07/23
HAIRY WOODPECKER	04/04	04/11	06/02	11	29	07/12
NORTHERN FLICKER	04/17	04/24	06/24	11	26	07/31
PILEATED WOODPECKER	04/24	05/01	05/21	18	24	07/02
EASTERN WOOD-PEWEE	05/06	05/13	08/01	12	16	08/29
YELLOW-BELLIED FLYCATCHER	06/03	06/10	06/25	15	13	07/23
ACADIAN FLYCATCHER	05/15	05/22	07/16	13	13	08/11
ALDER FLYCATCHER	05/24	05/31	07/17	13	14	08/13
WILLOW FLYCATCHER	05/24	05/31	07/17	14	13	08/13
LEAST FLYCATCHER	05/15	05/22	06/27	14	14	07/25
EASTERN PHOEBE	03/25	04/01	08/20	15	16	09/20
GREAT CRESTED FLYCATCHER	05/08	05/15	06/27	14	14	07/25
EASTERN KINGBIRD	04/26	05/03	07/02	13	13	07/28
LOGGERHEAD SHRIKE	04/08	04/15	05/09	16	20	06/14
WHITE-EYED VIREO	05/16	05/23	06/13	14	10	07/07
YELLOW-THROATED VIREO	05/16	05/23	07/02	14	13	07/29
BLUE-HEADED VIREO	05/08	05/15	07/02	13	12	07/27
WARBLING VIREO	05/12	05/19	07/12	12	16	08/09
RED-EYED VIREO	05/14	05/21	07/20	13	12	08/14
BLUE JAY	04/19	04/26	06/17	17	20	07/24
AMERICAN CROW	03/19	03/26	06/01	18	35	07/24
FISH CROW	05/04	05/11	05/24	17	32	07/12
COMMON RAVEN	02/15	02/22	04/07	21	40	06/07
HORNED LARK	02/22	03/01	06/09	11	12	07/02
PURPLE MARTIN	05/13	05/20	06/22	15	26	08/02
TREE SWALLOW	04/23	04/30	07/12	14	20	08/15

NORTHERN ROUGH-WINGED SWALLOW	04/26	05/03	06/28	16	19	08/02
BANK SWALLOW	05/03	05/10	07/13	15	17	08/14
CLIFF SWALLOW	05/15	05/22	07/23	15	23	08/30
BARN SWALLOW	04/27	05/04	07/23	15	20	08/27
CAROLINA CHICKADEE	04/16	04/23	06/09	13	17	07/09
BLACK-CAPPED CHICKADEE	04/02	04/09	06/24	12	16	07/22
TUFTED TITMOUSE	05/03	05/10	05/25	13	15	06/22
RED-BREASTED NUTHATCH	05/13	05/20	06/02	12	19	07/03
WHITE-BREASTED NUTHATCH	04/08	04/15	06/03	12	20	07/05
BROWN CREEPER	04/13	04/20	04/25	14	15	05/24
CAROLINA WREN	03/25	04/01	07/30	14	13	08/26
HOUSE WREN	05/05	05/12	07/31	13	16	08/29
WINTER WREN	05/02	05/09	06/04	14	18	07/06
SEDGE WREN	06/20	06/27	07/04	13	13	07/30
MARSH WREN	05/19	05/26	07/18	13	14	08/14
GOLDEN-CROWNED KINGLET	06/01	06/08	07/04	15	17	08/05
BLUE-GRAY GNATCATCHER	04/26	05/03	06/18	13	12	07/13
EASTERN BLUEBIRD	03/28	04/04	08/02	14	16	09/01
VEERY	05/17	05/24	07/26	11	11	08/17
SWAINSON'S THRUSH	06/01	06/08	07/04	12	11	07/27
HERMIT THRUSH	05/03	05/10	08/10	12	10	09/01
WOOD THRUSH	05/04	05/11	07/18	13	12	08/12
AMERICAN ROBIN	04/03	04/10	07/14	13	15	08/11
GRAY CATBIRD	04/24	05/01	07/15	12	10	08/06
NORTHERN MOCKINGBIRD	04/06	04/13	08/01	12	13	08/26
BROWN THRASHER	04/17	04/24	07/16	12	11	08/08
EUROPEAN STARLING	04/05	04/12	06/21	12	21	07/24
CEDAR WAXWING	05/16	05/23	08/25	12	17	09/23
BLUE-WINGED WARBLER	05/15	05/22	07/07	10	9	07/26
GOLDEN-WINGED WARBLER	05/07	05/14	07/07	10	10	07/27
NASHVILLE WARBLER	05/19	05/26	06/21	11	11	07/13
NORTHERN PARULA	05/13	05/20	06/25	12	10	07/17
YELLOW WARBLER	04/25	05/02	07/04	11	10	07/25
CHESTNUT-SIDED WARBLER	05/15	05/22	06/25	11	11	07/17
MAGNOLIA WARBLER	05/13	05/20	06/20	12	9	07/11
BLACK-THROATED BLUE WARBLER	05/11	05/18	06/28	12	10	07/20
YELLOW-RUMPED WARBLER	05/19	05/26	06/23	12	11	07/16
BLACK-THROATED GREEN WARBLER	05/17	05/24	07/06	12	9	07/27
BLACKBURNIAN WARBLER	05/17	05/24	06/29	11	10	07/20
YELLOW-THROATED WARBLER	04/13	04/20	05/22	12	10	06/13
PINE WARBLER	05/07	05/14	06/21	12	10	07/13
PRAIRIE WARBLER	05/17	05/24	06/16	12	9	07/07
CERULEAN WARBLER	05/13	05/20	06/03	12	10	06/25
BLACK-AND-WHITE WARBLER	04/30	05/07	06/28	11	10	07/19
AMERICAN REDSTART	05/11	05/18	06/28	12	9	07/19
PROTHONOTARY WARBLER	04/29	05/06	06/20	13	10	07/13
WORM-EATING WARBLER	05/09	05/16	06/25	13	10	07/18

OVENBIRD	05/02	05/09	07/09	12	9	07/30
NORTHERN WATERTHRUSH	05/07	05/14	06/10	13	9	07/02
LOUISIANA WATERTHRUSH	04/28	05/05	06/16	13	10	07/09
KENTUCKY WARBLER	05/11	05/18	07/03	12	9	07/24
MOURNING WARBLER	05/24	05/31	06/24	12	8	07/14
COMMON YELLOWTHROAT	05/11	05/18	07/21	12	9	08/11
HOODED WARBLER	05/22	05/29	07/08	12	8	07/28
CANADA WARBLER	05/16	05/23	06/25	12	10	07/17
YELLOW-BREASTED CHAT	04/24	05/01	07/02	11	10	07/23
SUMMER Tanager	05/08	05/15	06/06	11	9	06/26
SCARLET Tanager	05/08	05/15	08/14	13	15	09/11
EASTERN TOWHEE	04/19	04/26	08/04	12	9	08/25
CHIPPING SPARROW	04/24	05/01	08/04	12	10	08/26
FIELD SPARROW	04/26	05/03	08/09	11	8	08/28
VESPER SPARROW	04/20	04/27	08/11	12	11	09/03
SAVANNAH SPARROW	05/22	05/29	06/28	12	11	07/21
GRASSHOPPER SPARROW	04/24	05/01	08/04	12	9	08/25
HENSLOW'S SPARROW	05/15	05/22	06/04	11	9	06/24
SONG SPARROW	04/12	04/19	08/10	12	10	09/01
SWAMP SPARROW	04/26	05/03	07/12	12	9	08/02
WHITE-THROATED SPARROW	05/21	05/28	07/13	13	9	08/04
DARK-EYED JUNCO	04/29	05/06	07/20	12	11	08/12
NORTHERN CARDINAL	04/01	04/08	08/08	12	10	08/30
ROSE-BREASTED GROSBEAK	05/07	05/14	06/29	13	10	07/22
BLUE GROSBEAK	05/05	05/12	08/15	11	11	09/06
INDIGO BUNTING	05/14	05/21	08/15	12	11	09/07
BOBOLINK	05/07	05/14	06/16	13	12	07/11
RED-WINGED BLACKBIRD	04/18	04/25	08/04	11	10	08/25
EASTERN MEADOWLARK	04/23	04/30	07/29	14	11	08/23
COMMON GRACKLE	04/07	04/14	06/16	11	12	07/09
BROWN-HEADED COWBIRD	04/19	04/26	07/14	11	10	08/04
ORCHARD ORIOLE	05/14	05/21	06/18	13	12	07/13
BALTIMORE ORIOLE	05/10	05/17	06/20	13	12	07/15
PURPLE FINCH	05/29	06/05	06/18	13	14	07/15
HOUSE FINCH	04/01	04/08	07/12	13	15	08/09
PINE SISKIN	03/30	04/06	04/19	13	14	05/16
AMERICAN GOLDFINCH	07/03	07/10	09/04	13	14	10/01
HOUSE SPARROW	03/31	04/07	08/01	12	15	08/28

Figure 1. Number of Species Exhibiting Breeding Activity in Pennsylvania by Week



# Immature Trumpeter Swan At Blue Marsh Lake, Berks County

By Rudy Keller

On 4/7/02, Joan Silagy and I watched an immature Trumpeter Swan at Blue Marsh Lake. We initially saw the bird with two Canada Geese several hundred feet away across a cove, but Joan knows every deer trail at BML, so she quickly led me to a vantage point only ~ 50 feet from the bird. We watched it for about 15 minutes through our 10x40 bins and at 15-20x through my Kowa scope.

The bird's head, hindneck and back were brownish gray with a few white feathers showing. What we could see on the swimming bird of the lower foreneck, breast, flanks and belly looked white. According to Patten and Heindel in "Identifying Trumpeter and Tundra Swans" in *Birding*, Oct. 1994, this alone could rule out immature Tundra Swan, which completes its molt early and is mostly white by March. However, "Trumpeter Swans have a protracted first pre-basic molt...continuing well into their first spring. Thus, any swan that is obviously dusky in late spring (April and later) is a first-spring Trumpeter..."

The bird's head had a long-billed Canvasback-like profile, with a gradual, even slope running from bill tip to the peak of the crown at the back of the head; there was no angle or obvious rounding where bill met forehead, and no obvious dip in the culmen. There was no knob or any other sort of thickening on the bill. The bill was all black except for the red 'lips' or tomium. The black skin squarely met the eyes, leaving no "isolated eye" effect as in Tundra Swan. Between the eyes, the forehead feathers formed a deep sharp 'V', not a 'U', at the base of

the upper mandible. Through the scope, it was easy to see that the distance from the bill tip to the nostrils was about equal to the distance between the nostrils and the eyes. (According to Patten and Heindel, the distance between nostrils and eyes should be shorter in Tundra Swan.) I thought that the rule of thumb that a Trumpeter's bill length is twice or more the distance from eye to nape also held true. (In Tundra, bill length should be about equal to or 1.5x distance from eye to nape.) The black line running from eye to gape was fairly smooth and direct, with no abrupt angle or curvature just above the gape. The bird held its neck straight (as when we approached too closely) or slightly curved.

The bird stayed in the water while we watched on 4/7, giving only brief, incomplete views of the feet, which were black and apparently unbanded (confirmed by Joan later). It was silent while Joan and I were there, but Joan returned later in the afternoon and heard the characteristic Trumpeter Swan call.

Size was difficult to judge. The swan was much larger than the two Canada Geese, but given the great size variability in Canadas, this gives only a rough estimate, and isn't useful in ruling out Tundra. No other swans or geese were close enough for comparison.

Identification seems certain enough to me; origin is another question. The swan stuck close to the Canada Geese at all times. I joked with Joan that they looked like a family group, and wondered who had slipped the swan egg into the goose nest. The bird was also

very tolerant of close approach, though it did turn as if to swim away when I approached within about 40 feet. (The geese pretty much ignored us, which is typical of Canadas habituated to humans.) I can't imagine a wild Tundra allowing such close approach. But whatever its origin, it gave us an excellent opportunity to study Trumpeter Swan field marks at close range. The only other Trumpeters I've seen well were 'Bob's chickens,' the pair of adult Trumpeters that spent a few weeks at BML last January, walking twice daily across the ice to eat corn from a bucket Bob Silagy held for them.

✱

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## Osprey Attempt to Nest in Clarion County

by Margaret Buckwalter

So far as we are aware, this is the first attempt Ospreys have made to nest in Clarion. Kahle Lake is a hundred-acre Pennsylvania Fish and Boat Commission lake on the border between Clarion and Venango County. Walter Fye remembers that it attracted migrating ducks and Osprey the first spring it was full, 1975.

It has not been rare to find one to three Ospreys at Kahle Lake most summers. This year the first returning Osprey was found on 4/1/02 by Mike Leahy. On 4/23 Leahy found four Ospreys. Three days later, 4/26, he found an Osprey and a pile of sticks on the platform built by Dick Krear near a pond on Neely Road, not far from the larger lake. He spread the word to local birders.

On 4/28 Leahy reported: "There were no birds at or near the platform that I could see. It did not appear as though any additional material had been placed on the platform. I then went to the south access of Kahle and saw four Ospreys around the east end of the lake: three were perched (drying out from the overnight showers?) and one was flying. I watched the Ospreys for a while and saw another bird take off from its perch and head for the one that was flying. They began a short aerial display but I can't decide if it was a courtship display or a territorial display.

"I then scanned the lake for other species and saw an adult Bald Eagle come in from the west and begin to circle the lake. As it approached the east end of the lake an Osprey went up to meet the eagle and began to harrass it. (Territorial behavior or maybe just self-preservation?) Anyway the eagle gave way and went back to the west end of the lake and perched in a tree and the Osprey went on about its business of

hunting."

On 4/30 Walter Fye found two Ospreys on the platform with another perched near by. The pile of sticks seemed to be growing. On 5/1 Margaret Buckwalter found one Osprey eating a fish on a perch attached to the platform. On 5/3 Fye found one sitting on the incomplete nest. The Osprey continued to be seen fishing over Kahle Lake daily but activity dwindled at the platform. After 5/9 no Osprey were observed at the platform and there were no regular reports of Osprey after 5/23 at Kahle Lake, just occasionally was one seen. Maybe they'll be back next year? \*

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## Sighting Report Excerpts

The following is an excerpt from interesting reports for this quarter.

Marbled Godwit

Jerry McWilliams

Date: 4/28/02

Time:: 8:15 to 10AM

Location: Presque Isle State Park, Erie

Conditions: Good viewing with Zeiss 10x40 binocular and Kowa TSN 4 35x scope, from as close as 200 yards.

Description: Ben Coulter and I first arrived at Gull Point to conduct the International Shorebird Survey when we heard an unfamiliar call. After hearing the call a number of times coming from the vicinity of several hundred gulls I became troubled by the call. However we continued walking to our post at the very eastern end of Gull Point. A few minutes later when the gulls flew off we heard the call again and when we looked up we saw a Marbled Godwit. It flew south and disappeared over the trees. After five or ten minutes had passed we

spotted the bird again flying towards us. It circled over Gull Point and then landed on the south end of the point. We immediately went over to the area where it landed and found the bird.

It was resting along the shoreline with four Green-winged Teal. The body of the bird appeared to be only slightly larger than the teal, but the longer legs of the godwit allowed it to stand much higher than the ducks. The godwit had a long gradually upturned bill with the outer half being black and the basal half being pinkish-orange. Its culmen was black. The godwit had a small plain brown head with a pale supercilium (brightest from the eye to the bill) and a dark brown eyestripe that was darkest between the eye and the bill. The neck was relatively long, and looked so, especially when it was alert. The entire underside of the bird was a warm buff with narrow barring across the breast and down the flanks. The upperside was dark brown and was heavily patterned with buff and pale rufous, especially on the tertials. The rump and tail was a uniform pale brown with heavy barring across the tail. The outer rectrices were rufous becoming buff towards the central rectrices. When it stretched its wings the inner primaries, secondaries, and greater coverts were rufous. The inner webs of the outer primaries were rufous as well. In flight the rufous underwing coverts could be clearly seen. The legs were long and appeared to be gray to gray-brown depending on the angle of light.

(see photographic highlights) \*

# Summary of the Season - April through June 2002

by Mike Fialkovich

The quarter began with mild, very wet weather in April, followed by a cold May, and a very warm dry June. The cold weather in May prevented fallouts of warblers as winds were often from the north.

There was only one report of Eared Grebe, a bird at Kahle Lake, moving between the Clarion and Venango sides of the lake. Red-necked Grebe was found in Berks, Montgomery, and Warren.

Some of the less common waders found this quarter included Snowy Egret, Little Blue Heron, Tricolored Heron, Cattle Egret and Glossy Ibis. Two of the Glossy Ibis were found in the western part of the state in Forest and Lawrence counties.

There was a late passage of Brant this spring with reports from 1 county in April (Lancaster) and 7 counties in May (Berks, Bucks, Carbon, Centre, Chester, Erie, & Luzerne). A flock of 125 in Chester was remarkable. The only report of Greater White-fronted Goose came from York. A Whooper Swan in Potter was of questionable origin. Trumpeter Swans continue to be seen in the state with reports in Berks & Crawford.

Another group of waterfowl, the scoters, moved through in May which is a bit late. Surf Scoter was reported from 5 counties, White-winged from 8 counties, and Black from 1 county. A Eurasian Wigeon and a Harlequin Duck were present in Erie. The Harlequin was the same bird (an immature male) that was present all winter.

Mississippi Kites were found again this year, adding to previous spring reports from the southeastern part of the state. The status of Northern Bobwhite is uncertain with resident (wild) populations confined to the southeast. Bobwhites were reported from 16 counties this quarter--including the few where they are resident--but also from counties where they were known, or thought to be released.

A King Rail was heard calling in a marsh in McKean. The status of this species in the state remains a mystery. Could they be here and overlooked?

A great variety of shorebirds added excitement to the quarter. The highlight was the first county record in Indiana for Piping Plover. Four American Avocets, 1 Willet, 6 Whimbrel, a Marbled Godwit, & 12 Red Knots were not only great records, but all were present in Erie! Rare in spring, a Stilt Sandpiper was found in Bucks. Western Sandpiper was found in Bedford and Westmoreland, and Wilson's Phalaropes were found in Allegheny, Bucks, & Lawrence.

Presque Isle State Park in Erie County, and Tullytown in Bucks County produce the greatest variety of gulls in the state. Little Gull and Franklin's Gull were reported in Erie, and a Herring X Glaucous hybrid (Nelson's Gull) was seen at Tullytown in Bucks. Three Arctic Terns in Bucks, and single Least Terns in Carbon (first county record) and York were highlights.

A Eurasian Collared-Dove remained from the previous quarter in Erie, where it was seen courting a Mourning Dove. This species was also seen in Lycoming and York.

A Snowy Owl was in Lehigh, the lone report of this species. Long-eared Owls were confirmed breeding in Montgomery. The status of this species as a breeder in the state is still undetermined due to the difficulty in locating the birds, so this is an important piece of the puzzle in determining the status of this species in Pennsylvania. Short-eared Owls were present in Clarion & Indiana, however breeding was not confirmed.

A Chuck-will's-widow was present in Bucks for the fourth year in a row. In addition to Loggerhead Shrike reports from Adams where they are resident, 1 was seen in Greene during the NAMC. Sedge Wrens were reported from Crawford and McKean.

Many observers noted a poor warbler flight, due to the cold weather in May. The much sought after Connecticut Warbler was found in Crawford, Dauphin, Erie & Mercer Counties. Both Brewster's and Lawrence's Warblers were found in several counties this spring.

Summer Tanager was in Greene, the only county where they breed, but they are apparently not as common as they once were. Dickcissels were in Berks and Lebanon in June.

Clay-colored Sparrows were found in Clarion, Clinton, Clearfield, & Westmoreland. Birds in Clarion were at the Piney Tract where they have been breeding for several years. Birds in Clinton & Clearfield were seen in June, and the bird in Westmoreland was banded at Powdermill in May. A Lark Sparrow was found in a farm field in Butler, & a Dark-eyed "Oregon" Junco was found in Montgomery. The most interesting sparrow of the quarter was a White-throated Sparrow X Dark-eyed Junco hybrid in Montgomery. Fortunately, the bird was photographed.

After the movement of northern finches in the fall, there was a return passage in May. Evening Grosbeaks were reported in 11 counties, Pine Siskins in 17 counties. Pine Siskins from last quarter continued visiting feeders in Allegheny into May, and a flock of Evening Grosbeaks remained up to mid May visiting a feeder in Forest. A flock of approximately 20 White-winged Crossbills along with Pine Siskins remained at a feeding station in Erie up to mid April. Single White-winged Crossbills stopped at feeders in Butler, Forest, and Philadelphia. Red Crossbill was only reported in Crawford; Common Redpolls were in Erie & Potter.

We recorded 282 species this quarter (not counting the Whooper Swan or any hybrids), down from 294 recorded last year. Reports were submitted from 53 counties. Thanks to the county compilers for their hard work putting together the reports. ✱

# Birds of Note - April through June 2002

(Species not expected or reported in fewer than five counties this period)

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Rare and unusual sightings for which details have been submitted will be reviewed by the Pennsylvania Ornithological Records Committee. "No desc" means no description of the bird was submitted.

Birds in Italics are uncommon, but occur most years.

Birds Underlined occur at least 4 to 7 out of 10 years.

Italic/Underlined occur fewer than 4 out of 10 years.

Red-necked Grebe - Berks: 1 on 4/15 at Lake Ontelaunee (Steve Fordyce); Montgomery: 1 on 4/15 at Green Lane Reservoir (George Franchois); Warren: 1 at Akeley Swamp 4/6 (Chase Putnam).

Eared Grebe - Clarion: 1 from 4/11-29 at Kahle Lake (Russ States, Mike Leahy, Margaret Buckwalter); Venango: 1 at Kahle Lake 4/11 to 5/2 (Gary Edwards, Russ States). Note: this is the same bird; Kahle Lake is on the border of both counties.

Great Cormorant - Bucks: 2 up to 5/6 near Bristol; Northampton: 1 present 4/2 (no details).

Little Blue Heron - Bucks: 1 on 4/18 & 5/30 at the Penn Warner Tract (Devich Farbotnik); Delaware: present all quarter; Philadelphia: 1 on 4/12 at John Heinz NWR at Tinicum (B. Lauer); York: 1 on 5/7 at Spring Grove (Phil Keener).

Tricolored Heron - York: 1 on 4/18 at Codorus State Park (Karen Lippy).

Cattle Egret - Bucks: 1 at Nockamixon State Park 4/3 (Bill Etter, Cameron Rutt); Crawford: 1 on 4/18 at Springboro (Adam Troyer); Erie: 1 on 4/19 at Waterford (Jean & Toby Cunningham); Huntingdon: 1 on 4/4 at Old Crow Wetland (David Kyler).

Yellow-crowned Night Heron - Cumberland: 1 on the Conodoguinet Creek at West Fairview 4/20 (Deuane Hoffman, Andrew McGann, Dan Snell); Dauphin: present; Lancaster: 1 present on 5/11; Westmoreland: 2 on 5/5 at Powdermill Nature Reserve (Brian Jones).

Glossy Ibis - Bucks: 1 on 5/17 at the Penn Warner Tract (Devich Farbotnik); Chester: 1 on 5/12 at Embreeville Park (Grier Saunders); Dauphin: 1 on 5/2 at South Hanover Township (Nancy Welsh); Forest: 1 on 5/11 at Buzzard Swamp (Flo & Jim McGuire); Lawrence: 1 on 5/26 at Black Swamp (Dennis Lauffer)(no desc); Lebanon: 1 on 4/20 at Camp Shand (Susan Wheeler).

Trumpeter Swan - Berks: 1 on 4/7 at Blue Marsh Lake (Rudy Keller, Joan Silagy); Crawford: 3 immatures wearing green neck bands were seen and heard at Custards, Conneaut Marsh 4/7 (Ron Leberman).

Whooper Swan - Potter: 1 at Galeton Lake 4/21 - 6/30

(Betty & Mary Devling)(no desc).

Greater White-fronted Goose - York: 1 immature at Long Arm Reservoir 5/29 (Al Spiese)(no desc).

Brant - Berks: 1 on 5/1 at Reading (Bill Uhrich); Bucks: 1 at Peace Valley Park 5/12 (Devich Farbotnik); Carbon: 1 on 5/2 at BWS (Dave Hawk, Steve Hawk); Centre: 3 at Bald Eagle State Park late in April (Molly Heath), and 1 at the same location in mid-May (Molly Heath); Chester: 125 on 5/9 at Struble Lake (Grier Saunders, Larry Lewis, Theodore Drozdowski); Erie: 1 at Presque Isle State Park 5/24 (Ben Coulter); Lancaster: 1 on 4/29 (observer and location not specified), Luzerne: 86 at Plymouth Flats on 5/13 (Rick Koval).

Eurasian Wigeon - Erie: 1 on 4/11 at Presque Isle State Park (Jerry McWilliams).

Harlequin Duck - Erie: present from last quarter up to 4/6 at Presque Isle State Park (Jerry McWilliams).

Black Scoter - Centre: 1 on 5/12 at Bald Eagle State Park (Molly Heath).

Surf Scoter - Bucks: 7 on 4/28 (Bill Etter, Cameron Rutt) and 2 on 5/7 (Bill Etter) at Nockamixon State Park; Butler: 3 at Moraine State Park 4/20 (Scott Kinzey); Centre: 7 at Bald Eagle State Park 4/21 (Debra Grim), 1 at Black Moshannon State Park 4/30 (Nick Bolgiano); Erie: 2 present up to 4/13 at Presque Isle State Park (Dave Wilton); Tioga: 2 on 5/5 at Nessmuk Lake (Phil Krajewski).

Rough-legged Hawk - Crawford: 1 on 4/7 at Pymatuning Lake (Margaret Buckwalter); Potter: present up to 4/6 at Sweden Hill (Jack Mitterer).

Golden Eagle - Berks: 1 on 4/21 at Hawk Mountain Sanctuary (Rudy Keller); Centre: a probable juvenile at Bald Eagle State Park 6/15 (Bob Snyder); Huntingdon: present up to 4/22 at Tussey Mountain (Paula Shannon); Potter: present up to 4/6 at Sweden Hill (Jack Mitterer); Schuylkill: 1 on 4/21 at Hawk Mountain Sanctuary (Rudy Keller). Note: this is the same bird as in Berks.

Mississippi Kite - Bucks: 1 seen flying over Haycock Township on 4/23 (Bill Etter), 1 at Peace Valley Park 6/2 (Ian Baldock), 1 or more observed flying from Northampton to Bucks on 4/12, 4/19, 5/30, 5/31, 6/19, & 6/21 (Arlene Koch); Delaware: 3

sightings at the Rose Tree Park Hawk Watch from 4/16-18; Lehigh: 1 flying over South Mountain near Emmaus on 4/15 (Jason Horn); Northampton: 6 sightings in Williams Township between 4/19 & 6/19 (Arlene Koch, Michael Schall), 1 in Bethlehem 4/22.

Northern Bobwhite - Adams: 1 calling at York Springs 5/19 (Don & Jen Gilbert); Armstrong: 1 on 6/9 near Avonmore (Magaret & Roger Higbee); Bedford: present at Dunnings Creek Wetlands where they were introduced; Bradford: 2 on 6/20 near Wilmot (Trudy Gerlach); Bucks: 1 at Peace Valley Park 6/10 was thought to be released (Mike Lyman); Chester: resident; Dauphin: present; Fulton: 1 calling on Schultz Road in Union Township 5/12 (Daniel Snell); Indiana: present all quarter; Lancaster: resident; Lebanon: present all quarter; McKean: resident (John Fedak); Northampton: 1 on 5/14 (observer and location not listed); Schuylkill: 1 on 5/2 at Hidden Valley (Ann Marie Liebner); Somerset: 2 or 3 in the Berlin area 6/10 from a stocking by a local hunt club (Jeff Payne, Lauretta Payne); York: resident.

King Rail - McKean: 1 heard on 7/1 at Bullis Mills Swamp (John Fedak).

Common Moorhen - Crawford: present from 4/8-6/17 at Conneaut Marsh where this species breeds (Ronald Leberman); Delaware: present during May; Erie: present during the quarter; Mercer: 3 on 5/9 at Pennsy Swamp (the Troyer Family); Philadelphia: present from 4/21 through the end of the quarter.

Sandhill Crane - Bedford: several on 4/6 where they lingered a day or two (Tom Dick); Bradford: 1 was observed & photographed at Sheshequin Flats 5/28 (Dick Allyn); Erie: 1 on 4/11 at Presque Isle State Park (Jerry McWilliams) and 2 on 5/19 at that location (Joyce Hoffmann, Dave Wilton); Mercer: 2 at Willow Pond (Harriet Bauer); Perry: 1 flying west in Fishing Creek Valley on 4/4 (Chuck Berthoud).

American Golden Plover - Bucks: 1 at the Penn Warner Tract 4/27 (Devich Farbotnik); Lancaster: 1 on 4/24 at the Conejohela Flats (Bob Schutsky).

Piping Plover - Indiana: 1 at Yellow Creek State Park 4/30 was a first county record (Lee Carnahan, Carol Guba, Margaret Higbee, Dory Jacobs, Gloria Lamer, Scott Speedy).

American Avocet - Erie: 4 on 5/26 at Presque Isle State Park (observer not listed).

Willet - Erie: 1 on 5/12 at Presque Isle State Park (Joyce Hoffmann, Ben Coulter).

Whimbrel - Erie: 2 on 5/24 (Dave Wilton) & 4 on 5/26 (Joyce Hoffmann) at Presque Isle State Park.

Upland Sandpiper - Adams: 2 on 5/11 (Art & Nonie Kennell), 1 on 5/26 (Jack & Nancy Locher), and 2

ad. with 1 juv. 5/27 (Bob Moul), all in Freedom Township; Clarion: 1 on 5/17 (Walter Fye), & 4 on 6/8 at Mt. Airy (Ron Montgomery); Crawford: 1 on 4/28 (Dave Wilton) & 1 on 6/19 (Margaret Buckwalter), both at Pymatuning Lake; Erie: 1 on 4/14 at Corry (Dick Farner); Somerset: 1 in the Berlin area 5/1 (Jeff Payne); Venango: 1 on 5/11 (Jerry Stanley) & 1 on 6/23 (Russ States); Westmoreland: present.

Marbled Godwit - Erie: 1 at Presque Isle State Park 4/28 (Jerry McWilliams, Ben Coulter).

Ruddy Turnstone - Allegheny: 1 on 5/15 at Imperial (Geoff Malosh); Erie: present (Jerry McWilliams); Indiana: 1 at Yellow Creek State Park 5/14 (Margaret Higbee, Dory Jacobs, Gloria Lamer, Scott Speedy).

Red Knot - Erie: 12 on 5/24 at Presque Isle State Park (Dave Wilton).

Sanderling - Erie: present (Jerry McWilliams); Lancaster: 1 present 5/29; Schuylkill: 2 on 5/12 at Shend (Marilyn Gamble); York: 1 on 5/5 at Brunner's Island (John & Jean Prescot), 1 on 5/21 at Codorus State Park (Peter Robinson).

Western Sandpiper - Bedford: 3 at Dunnings Creek Wetlands 5/15-21 (Tom Dick); Westmoreland: 2 at Donegal Lake 6/3 (Bob Leberman).

Stilt Sandpiper - Bucks: present from 5/20-25 at the Penn Warner Tract (Devich Farbotnik).

Wilson's Phalarope - Allegheny: 1 at Imperial 5/15 (Dave Wilton)(no desc); Bucks: 1 at the Penn Warner Tract 5/11 (Devich Farbotnik); Lawrence: 1 on 5/26 at Black Swamp (Dennis Lauffer)(no desc).

Laughing Gull - Bucks: an estimated 10,000 at the Penn Warner Tract 4/20; Delaware: present from 4/21 to the end of the quarter; Erie: 1 on 4/29 at Presque Isle State Park (Ben Coulter); Lancaster: present 5/26-6/9 (location & observer not listed); Philadelphia: present in April.

Franklin's Gull - Erie: 1 on 5/26 at Presque Isle State Park (Joyce Hoffmann).

Little Gull - Erie: 1 on 5/27 at Presque Isle (Ben Coulter).

Iceland Gull - Bucks: present up to 5/11 at Tullytown (Ward Dasey, Devich Farbotnik); Erie: 2 on 4/15 at Presque Isle State Park (Jerry McWilliams).

Lesser Black-backed Gull - Bucks: present through the quarter at Tullytown (m obs); Erie: 2 on 4/7 (Dave Wilton) & 1 on 5/6 at Presque Isle State Park (Jerry McWilliams); Northampton: present on 4/15

(location & observer not listed).

Glaucaous Gull - Bucks: present up to 5/11 at Tullytown (Ward Dasey, Devich Farbotnik); Erie: 1 on 4/2 (Ben Coulter) & 1 on 4/20 (Randy Stringer) at Presque Isle State Park; Lancaster: reported 5/21 & 6/1 (observer and location not listed).

Herring X Glaucaous Gull hybrid (Nelson's Gull) - Bucks: 1 at Tullytown 4/6 (Matt Sharp).

Arctic Tern - Berks: 3 at Glen Morgan Lake 4/28 (Ken Lebo)(no desc).

Least Tern - Carbon: 1 at Beltzville State Park 5/26 was a first county record; York: 1 on 6/12 at Codorus State Park (Peter Robinson).

Eurasian Collared-Dove - Erie: present from last quarter up to 6/18 at Fairview (Jerry McWilliams); Lycoming: 1 on 4/14 in Loyalsack Twp. (Steve Pinkerton)(no desc), York: 1 on 4/26 near Apollo County Park (Andy McGann)(no desc).

Barn Owl - Bucks: resident-2 nesting boxes used in Bedminster Twp (August Mirabella); Lebanon: 2 in Palmyra 4/27 (Jane Light) & 1 in Fontana 6/24 (Jeff Hackman).

Snowy Owl - Lehigh: 1 on 4/9 at Queen City Airport (Phil Campbell).

Long-eared Owl - Bucks: present up to 4/15 at Peace Valley Park (Ken Rieker); Erie: present up to 4/20 at Presque Isle State Park (Randy Stringer); Fulton: 1 at Belfast Twp 5/14 (Dan Snell); Lancaster: present up to 4/4 (observer & location not listed); Montour: a pair with three fledglings confirmed breeding (Jon Beam); Venango: present up to 4/6 when there were 3 at Clintonville (Jerry Stanley).

Short-eared Owl - Clarion: 1 on 4/21 at Ritts Farm (Walter Fye); Indiana: 1 near West Lebanon on 6/28 (Scott Speedy).

Chuck-wills-widow - Bucks: 1 at Bristol during the quarter (Devich Farbotnik).

Northern Shrike - Northampton: 1 along RT. 512 North of Bath on 4/11 (Adam Miller).

Loggerhead Shrike - Adams: resident; Greene: 1 on 5/11 at Nemaocolin (Jim West)(no desc).

Sedge Wren - Crawford: 1 seen & heard at Conneautville in June (Thomas Clare Nicolles); McKean: 3 heard (& 1 seen) on 8/2 at Bullis Mills Swamp (John Fedak, Dave Wilton).

Brewster's Warbler - Butler: 1 in Donegal Twp 6/1 (Mike Fialkovich); Centre: 1 in May at State Game Lands 176 (Dan Rabbers), Indiana: 1 on 5/11 at Blue Spruce County Park (Ray Winstead), Montgomery: 1 on 5/20 & 6/22 at Unami Creek Valley (Kevin Crilley, George Franchois); Westmoreland: 1 banded 5/3 & another banded 5/12

at Powdermill Nature Reserve (Robert Leberman, Robert Mulvihill).

Lawrence's Warbler - Carbon: 1 on 5/18 (location & observer not listed); Schuylkill: 1 on 5/11 at State Game Lands 229 (Patti Barber).

Connecticut Warbler - Crawford: 1 at Hartstown Marsh 5/11 (Marvin Byler); Dauphin: 1 at Stony Valley during the NAMC 5/11 (Tom Smith); Erie: 1 on 5/24 at Presque Isle State Park (Ramsay Koury); Mercer: 1 at NH on 5/9 (the Troyer Family).

Summer Tanager - Greene: 1 on 5/29 at Ralph Bell's Farm (Ralph Bell).

Dickcissel - Berks: a pair near Fleetwood 6/24 (Scott McConnell); Lebanon: 3-8 birds at Middle Creek Wildlife Management Area 6/20 into July (Steve Rennels).

Clay-colored Sparrow - Clarion: 1 on 5/21 (Ron Montgomery), 6 on 6/1 (John Fedak), & 1 on 6/3 (Ellwood Myers) at Mt. Zion; Clinton: 2 at Renovo 6/13 (Mike Lanzone); Clearfield: 1 on 6/2 near Philipsburg (Margaret Dunson); Westmoreland: 1 banded at Powdermill Nature Reserve 5/10 (Bob Leberman, Bob Mulvihill).

Lark Sparrow - Butler: 1 near Portersville 4/17 (Walt Shaffer)(no desc).

White-throated Sparrow X Dark-eyed Junco hybrid - Montgomery: 1 at Lansdale 4/8 (Herb & Shirley Volker). A photograph of this interesting hybrid was submitted.

Dark-eyed "Oregon" Junco - Lebanon: 1 on 4/6 at State Game Lands 145 was a 3<sup>rd</sup> county record (Randy Miller).

Lapland Longspur - Bucks: 1 on 4/3 in Hilltown Township (Devich Farbotnik).

Red Crossbill - Crawford: 1 at Wayland on 4/30 (Gordon & Karlin Marsh).

White-winged Crossbill - Butler: 2 in Butler Twp 4/5-7 (Debbie Yovanovich); Erie: a small flock present at a feeder in Lake City up to 4/20 (Kathy Kolakowski); Forest: 1 at a feeder in Tionesta 4/2 (Flo McGuire); Philadelphia: 1 found dead 5/26 at Mt. Airy (Keith Russell).

Common Redpoll - Erie: present at Presque Isle State Park (m obs). The last date was 4/14 when a bird was at Waterford (Chuck Gehringer); Potter: present up to 4/11 at Hebron (David Hauber).

## Local Notes

### Adams County

Locations: Freedom Township (FT), Long Pine Run Reservoir (LPRR)

There were 152 species reported during the quarter, including 26 species of warblers. For the same quarter of 2001 there were 157 species reported, including 29 species of warblers. During the second quarter of 2000, 155 species were reported, including 27 species of warblers. The 6 parties participating in the May 11 North American Migration Count found 115 species.

A restored wetland on private property in Fairfield was host to an American Bittern on 4/4 (RR). American Bitterns have visited there before, demonstrating that if the habitat exists, the birds will find it.

At LPRR, 2 adult Bald Eagles were seen on 4/8 (LD). Eagles have been seen in that area before. No nesting has been confirmed yet, but LPRR and nearby Birch Run Reservoir could be attractive to a nesting pair.

This year there was one report of a Northern Bobwhite calling at York Springs on 5/19 (D&JG). Last year there was no report for the quarter. They are very scarce in the county these days. Upland Sandpipers continue to nest in very small numbers in Freedom Township, in spite of the homes being built in some of the hay fields in the nesting area. At one location, 2 adults were seen 5/11 (A&NK), one adult was seen 5/26 (J&NL), and 2 adults with a young one were seen 5/27 (BM). Common Ravens nest at two locations in the county, and are seen occasionally.

Demonstrating that a slow paced, methodical approach to birding pays dividends, both a Ruby-throated Hummingbird nest and a Blue-gray Gnatcatcher nest were found on 5/26 at SGL 249, then 5 juvenile gnatcatchers were seen in the small crowded nest on 5/30 (D&JG).

Single migrating Yellow-bellied Flycatchers were found at SGL 249 on 5/8 (PR) and on 5/11 (D&JG, PR), then again at LPRR on 5/15 (PR). All of the vireos were found in the county, including Yellow-throated Vireo 5/8 at SGL 249 (PR), and 5/11 in FT (A&NK). Also in Freedom Township on 5/11 was a Philadelphia Vireo (A&NK).

All of the thrushes (except Bicknell's) were found in the county during the quarter, including a Gray-cheeked Thrush 5/15 at LPRR (PR). The warbler watching was quite lackluster. The only noteworthy items were a rather high count of 5

Northern Waterthrushes at SGL 249 on 5/11 (PR), and a Mourning Warbler 5/26 at SGL 249 (D&JG).

A Lincoln's Sparrow was heard singing on 5/11 at SGL 249, then was observed as it continued to sing (PR). A White-crowned Sparrow stayed until 5/14 on Mountain Road (R&DS). A Pine Siskin in Freedom Township on 5/11 was late (A&NK).

OBSERVERS: Peter Robinson P. O. Box 482 Hanover, Pennsylvania 17331, (717) 632-8462, pabirder@hotmail.com, Liz Daniels, Don & Jen Gilbert, Bob Keener, Phil Keener, Art & Nonie Kennell, Jack & Nancy Locher, Bob Moul, Rusty Ryan, Ralph & Deb Siefken, Barry & Carole Simon.

### Allegheny County

Locations: Allegheny River (AR), Frick Park (FP), Highland Park Bridge (HPB), Imperial (IMP), Sewickley (SEW)

Double-crested Cormorant numbers along the AR peaked at 195 on 4/16 (SK). Cormorants were seen as late as 6/18 which is unusual (SK). Two Great Egrets were seen along the AR near the HPB 4/9 (SK). Two Forster's Terns were found on the Monongehela River at Duck Hollow 4/4 (CD) and they remained until 4/8. One was also found 4/29 at the HPB on the AR (SK). A female Hooded Merganser at IMP was observed with 8 young 5/18 (BM) and with 3 young on 6/1 (CT, JT).

Several uncommon shorebirds were reported this quarter, an from IMP. A Wilson's Phalarope was a great find 5/15 (DW), 2 White-rumped Sandpipers and 2 Dunlin were present 5/12 (JH, DW), and a Ruddy Turnstone was an excellent find 5/15 (GM). Few records for this species exist in Allegheny. Other shorebird highlights at IMP include a maximum count of 5 Greater Yellowlegs 5/15 (DW), 6 Semipalmated Sandpipers and a good spring count of 9 Short-billed Dowitchers 5/12 (DW, JH). A maximum of 60 Wilson's Snipe were there 4/16 (DW). Lesser Yellowlegs, Solitary Sandpiper, Least Sandpipers and Pectoral Sandpipers were recorded during the quarter. An American Woodcock was found at North Park 4/21 (BM). A Sora was an excellent find at Snowden

Wetlands in South Park Township 5/2 (SSN). We get very few rails in Allegheny.

A Bald Eagle was seen 4/6 in Fox Chapel (BO) and another in SEW 4/7 (CK). An Osprey was seen in flight in South Park Township 4/24 (SSN). A Whip-poor-will was heard in Wexford 6/5 (SK). Uncommon in the county, two Red-headed Woodpeckers were reported: 1 at FP 5/7 (BL) and 1 at SEW 5/15 (CK).

Purple Martins continue to nest at a small colony in Elizabeth Township (SK). Single birds were seen in SEW 4/18, and 5/1&2 (CK), and at IMP 5/22 (GM). A Bank Swallow was seen 5/9 at IMP, 2 were there 5/13, and 1 5/22 (GM). This is the least common swallow in the county. An Olive-sided Flycatcher was a great find at FP 5/17 (BM). The bird was seen again 5/18 (SK).

A leucistic American Robin was observed at the golf course at Schenley Park 4/6 (MF). The bird was white with dull brownish marks in the head and tail. The breast was light orange and the eye crescents could be seen. The bill was yellow. The bird was last seen 6/15 and the breast was a brighter orange perhaps due to feather wear. An Orange-crowned Warbler was seen at FP during the Prick Park Birding Festival 5/5 (SH). We recorded 34 species of warblers this spring including less common species such as Worm-eating, Cape May, Golden-winged, Wilson's, Mourning, Canada, Northern Waterthrush and Palm.

At SEW there were 2 Rusty Blackbirds 4/11 and 1 on 5/3 (CK). An Evening Grosbeak was a pleasant surprise at FP 5/4 (MF, TF). One was seen and heard flying over in the morning, and another was encountered later in the afternoon in another area of the park, which could have been the same bird. Pine Siskins visited feeders in SEW and Pine Township since November, 2001. Up to 3 were last seen in SEW 4/13 (CK), and several remained up to 5/27 in Pine Township (PL, SL).

OBSERVERS: Mike Fialkovich, 805 Beulah Road, Pittsburgh 15235, (412) 731-3581, mpfial@sgi.net, Tommy Byrnes, Tony Bledsoe, Carol Borek, Al Borek, Paul Brown, Cyndi Dickson, Ted Floyd, Randi Gerrish, Sarah Gerrish, Nathan Hall, Walter Hammond, Paul Hess, Steve Hoffman, Joyce Hoffmann, Margie Kern, Scott Kinzey, Chris Knoll, Lydia Konecky, Bob Lucas, Pat Lynch, Sherron Lynch, Bob Machesney, Geoff Malosh, Dick Nugent, Fritz Okie, Betsy Owens, Dave Reiger, Kate St. John, Dana Shaffer, Walt Shaffer, Wendy Jo Shemansky, Sam Sinderson (SSN), Jack Solomon, Sue Solomon, Chuck Tague, Joan Tague, Jim Valimont, Susanne Varley, Joe Walko, Dan Williams, Dave Wilton, Julie Zickefoose.

## Armstrong County

Location: Keystone Reservoir (KR)

The water bird migration continued into early April with KR yielding a nice variety and number of species. Twelve Common Loons and 9 Horned Grebes were at KR 4/6 (MH, RH). Other good counts that day included 7 Wood Ducks, 2 Gadwalls, 22 American Wigeons, 10 Green-winged Teal, 18 Ring-necked Ducks, 30 Lesser Scaup, 53 Buffleheads, 16 Red-breasted Mergansers, and 6 Ruddy Ducks.

Water levels remained fairly high this spring, so few shorebirds were reported. Besides Killdeer and Spotted Sandpipers, 2 Lesser Yellowlegs and 1 Solitary Sandpiper 5/11 (LEH, LIH) at KR were the only shorebird reports.

An American Bittern and a Northern Harrier were seen along the Edgewood Grassland Bird Survey near Elders Ridge on 6/10 (MH, RH). Much of the data for this report was derived from 3 breeding bird survey routes which suffered somewhat because of the loud 17 year cicadas, but their presence provided feeding frenzies for a multitude of species. Both cuckoo species were in higher than normal numbers with the Margaret BBS and the Armstrong County portion of the Shelocta BBS producing 5 and 7 Black-billed Cuckoos, respectively. Seven Yellow-billed Cuckoos were reported (var. ob.) this quarter. Eastern Kingbirds, were in higher than normal numbers with the Margaret BBS yielding a high tally of 8. Two Common Ravens were sighted periodically between 4/8 and 5/22 near the Keystone Power Plant, but no nest was visible.

The Purple Martin colony along Route 210 near KR appeared to be doing well with the addition of more housing; 12 were counted on 6/20.

Every year as the vegetation matures, fewer grassland sparrows are found in the Elders Ridge area, but numbers were down even further in late June with the active construction of numerous gas wells and the resulting roads in the stripped area. Much of the habitat that was still yielding Vesper, Grasshopper, and Henslow's Sparrows is gone.

OBSERVERS: Margaret and Roger Higbee, 3119 Creekside Road, Indiana, 15701, (724) 354-3493, bcoriole@twd.net, Mary Baker, Virginia Couch, David Dunmire, Erma Dovenspike, Steve Graff, Len

## PHOTOGRAPHIC HIGHLIGHTS



Little Blue Heron, Tullytown, *Bucks*, 4/18/02  
Photo by Devich Farbotnik.



Cattle Egret, Buckingham, *Bucks*, 5/7/02  
Photo by Devich Farbotnik.



**Glossy Ibis, Tullytown, *Bucks*, 5/17/02  
Photo by Devich Farbotnik.**



**Whooper Swan, Galeton, *Potter*, 4/21/02  
Photo by Wayne Laubscher.**



Sandhill Crane, Shessequin Flats, *Bradford*, 5/28//02  
Photo by Dick Allyn.



Marbled Godwit, Presque Isle State Park, *Erie*, 4/28//02  
Photo by Jerry McWilliams.



Piping Plover (with Dunlin), Yellow Creek State Park, *Indiana*, 4/30//02  
Photos by Roger Higbee.



Stilt Sandpiper, Tullytown, *Bucks*, 5/20//02  
Photo by Devich Farbotnik.



Wilson's Phalarope, Tullytown, *Bucks*, 5/11/02  
Photo by Devich Farbotnik.



Barn Owl, Van Wert, *Juniata*, 6/14/02  
Photo by Wayne Laubscher.



Long-eared Owl,, *Montour*, 6/9/02  
Photo by Wayne Laubscher.



Red-headed Woodpecker, California, *Montour*, 6/17/02  
Photo by Wayne Laubscher.

Protonotary Warbler, Tullytown, Bucks,  
Photo by Devich Farbotnik



5/11/02



White-throated Sparrow x Dark-eyed Junco hybrid,  
Lanssdale, *Montgomery*, 4/8/02  
Photo by Herb Volker

Hess (LEH), Linda Hess (LIH), Mark McConaughy, Flo & Jim McGuire, Frances Norris, Lorraine Uplinger, Joe Valasek, Josie Valasek.

#### Beaver County

No report

COMPILER: James Barker, 250 Neville Rd., Beaver 15009, barker@access995.com.

#### Bedford County

Locations: Allegheny Front (AF), Dunnings Creek Wetlands (DCW), Shawnee State Park (SSP)

The winter offered little snow, however, Spring rain was above normal. A substantial drawdown at SSP lasting well into Spring eliminated some water bird surveys. A new drought-sensitive water control system was established at DCW during this period eliminating some parts of this count period. This was an effort to increase Least Bittern and Marsh Wren nesting by establishing healthier stands of cattails.

On 5/16 a Pied-billed Grebe was observed at DCW with young. Nine Double-crested Cormorants were counted at DCW on 5/25, and 29 on 5/11 at SSP. On 5/11 at DCW, 5 American Bitterns and 1 Least Bittern were counted. On 5/13, 7 Great Egrets, 35 Great Blue Herons and 13 Green Herons were observed. Waterfowl numbers were normal with the exception of a record number of 280 Common Goldeneyes forced down by a storm on 4/30 at DCW. Thickets of buttonbush and alder along some pools have encouraged (for the first time) a pair of American Black Ducks to breed.

The total number of raptors at the Allegheny Front for April and the first few days of May was 1,217, and the season total including February and March added up to 1,987 for the spring count. An immature Northern Goshawk lingered into spring around the Allegheny Front feeding on the abundance of Ruffed Grouse and Ring-necked Pheasants. One was observed and photographed on a fresh pheasant kill on 4/3. On 4/6 a Golden Eagle was observed chasing down a Canada Goose at DCW. With the abundance of Canada Geese the wintering and migrating Golden Eagles should have little trouble finding prey.

A few Northern Bobwhite still persist at DCW, and recent pine plantings may help develop the already fair quail habitat that is present. The first Soras were first observed on 4/20 while Virginia Rails arrived around 5/1. The estimate of breeding Soras was around 6 pairs with only 1 pair of Virginia Rails. American Coots remained well into the breeding season but did not appear to breed. 4/6 started the

first movement of Sandhill Cranes. They lingered a day or two and were off to breeding grounds.

This year on 5/15 at DCW we began a slow drawdown to expose 30 feet of mudflat on a three acre impoundment for shorebirds. Spring rains had virtually eliminated exposed mud within the county. During the following 6 days we had the following high counts: 5 Black-bellied Plovers, 80 Semipalmated Plovers, 17 Greater Yellowlegs, 18 Lesser Yellowlegs, 2 Solitary Sandpipers, 18 Spotted Sandpipers, 16 Semipalmated Sandpipers, 3 Western Sandpipers, 42 Least Sandpipers, 9 Short-billed Dowitchers, 1 Pectoral Sandpiper, 82 Dunlin and 9 Wilson's Snipe. The highest total at one time was 241 on 5/21. The combined totals for the 6 days was close to 900 shorebirds. June 2 was the yearly late arrival of 3 White-rumped Sandpipers.

On 4/6 during a wet snowy night a record number of 80 American Woodcocks were counted foraging and displaying around the saturated dikes. Close to 20 acres of Hawthorn and Alders were planted for this species. Five Bonaparte's Gulls arrived on 5/4; Ring-billed Gulls came through in large numbers throughout the period, and 1 Herring Gull (unusual for our area) was counted on 5/10. The only terns observed were 2 Black Terns on 5/17.

During the May 11 NAMC, 116 species were counted. The top 10 birds for this count from highest to lowest were: Canada Goose, Tree Swallow, Red-winged Blackbird, Barn Swallow, Blue-Gray Gnatcatcher, Chipping Sparrow, American Robin, Common Yellowthroat, Bobolink, and European Starling. Warblers were tough, 16 species were counted with the top 5 being: Common Yellowthroat, Ovenbird, American Redstart, Yellow Warbler and Black-throated Green Warbler.

OBSERVERS: Tom Dick, 123 Hummer Lane, Cairnbrook, 15924 wetmeadow@aol.com, thomasd102@aol.com, Allegheny Plateau Audubon, Tony Barley, Dick Byers, Tom and Sally Dick, Gene & Nancy Flament, Ross Galardy, Kevin Georg, Connie Hunt, Bill Judd, Michael and Laura Jackson, Rosemary McGlynn, Chi & Marion Mincone.

## Berks County

Locations: Blue Marsh Lake (BML), Glen Morgan Lake, (GML), Hawk Mt. Sanctuary (HMS), Lake Ontelaunee (LO), State Game Lands 110 (SGL), Kittatinny Ridge (KR)

A Common Loon in nonbreeding plumage was at LO 6/30 (MS). Only 2 pairs of Pied-billed Grebes and a single Ruddy Duck were at GML 6/30 (KL), where the water level has reportedly been dropping. This privately owned IBA is now closed to the public, making it very difficult to keep track of the rare breeders there. Hundreds of Double-crested Cormorants on county lakes in April dwindled to a few dozen nonbreeding summering birds.

Single American Bitterns were found at Peters Creek, LO 4/7 (JE) and BML 4/20 (EB). Two Least Bitterns, 1 seen and 1 heard, at Peters Creek 5/25 (JE) raise the possibility of nesting. A census of Great Blue Heron colonies revealed 58 active nests near Bethel 4/17, 5 in Spring Township 4/21, and 24 at Oley in May (EB, RK). A colony on a SGL near Vinemont was apparently deserted after logging about 3 years ago, and the colony near Lenhartsville was not censused. Early Great Egrets were at LO 4/15 (CE) and Gotwals Pond, Oley 5/11-20 (RK). A Green Heron pair at Gotwals pond raised 3 chicks in a nest in a multiflora rose they have used for several years (RK).

The last big flock of 450 Snow Geese (2 Blues) was at LO 4/14, leaving a few birds, some wounded, to summer (RK). The only Brant reported this spring was grazing in St. Mary's Cemetery, Reading 5/1 (BU). A resident Mute Swan pair at LO hatched 4 cygnets in May (MS). A juvenile Trumpeter Swan was closely associated with a pair of Canada Geese at BML 4/7 (RK, JS). A spectacular rain induced waterfowl fallout at LO 4/15 included 12 Horned Grebes, 1 Red-necked Grebe, about 100 scaup, 3 Long-tailed Duck and 1,020 Buffleheads, more than double the previous high count (SF, MS). Suggestive of nesting was the presence of a Hooded Merganser near Kempton 5/1 (KM) and a pair of Common Mergansers on the Tulpehocken Creek 5/2-16 (FC).

Berks' first recorded Bald Eagle nest was built last winter on private land near GML, where eagles have recently been seen year-round. Adults were seen and photographed at the nest in May (BC, RC, RK), but incubation was not observed, nor were young produced. The nest will be watched for breeding next year. Ospreys and Bald Eagles were again reported most of the quarter. The only spring Golden Eagle passed over HMS 4/21 (RK, RP) and 1 or 2 Merlins zipped by 4/16-29 (DB).

The short list of shorebirds included 2 Dunlin at LO 5/4 (JE), 7 at GML 5/13 (KL), and 14 at Lyons 5/16

(SF). Terns found at LO were a Caspian 4/13, 2 Forster's 5/19 and single Black 5/13,19 (MS). Far more rare were 3 Arctic Terns reported 4/28 at GML (KL) without details. One or 2 Northern Saw-whet Owls, probably a mated pair, were at SGL 6/7-21, but couldn't be found later (KG). Two Whip-poor-wills heard along the Kittatinny Ridge 5/2-11 didn't stay (KG, MW). A pair of Red-headed Woodpeckers on Kaufmann Road, Oley Township was nesting in June (RK). Four Olive-sided Flycatchers were seen at SGL 5/14-20 (TC, JE). A Yellow-bellied Flycatcher was closely studied at SGL 5/11 (KG). The county's only known Bank Swallow colony, located in a gravel pit on Lowland Road, Hamburg, was graded out of existence. A single pair was found nesting nearby in a culvert among Northern Rough-winged Swallows (MW). On 5/25, a Gray-cheeked Thrush was heard singing at SGL (KG), and another was studied in a Leesport birdbath (DK).

No, we didn't get any of New Jersey's million-bird May warbler fallout. We did record 32 species, with record early arrival dates set by Nashville at SGL 4/20 (KG), Northern Parula at Hay Creek 4/14 (RC, LBH), Yellow-throated at Hay Creek 4/20 (BU), Ovenbird at Plowville 4/19 (KL) and Hooded at SGL 4/20 (KG). A Worm-eating at SGL 4/20 was also early (TC). The Yellow-throated Warbler sang at Hay Creek through June, but neither a mate nor nesting activity were observed. This species has been sporadic in Berks. Yellow-breasted Chats, Willow Flycatchers, Orchard Orioles and other early successional species continue to prosper at BML (JS), where Pennsylvania Game Commission cuts much brush and trees to maintain very open habitat.

Dickcissel has a long history of occurrence in Berks spanning more than a century, but in all those years there have been no nesting records. While conducting bird survey work in a CREP (Conservation Reserve Easement Program) field on Richmond Road near Fleetwood 6/24, Scott McConnell of Penn State heard a male Dickcissel singing and spotted a female nearby. He "went to the spot where (the) female was and she flew in, with food in her bill, and continually made chipping calls at close range while I searched for (her) nest..." Not wanting to disturb the birds further, he retreated without finding the nest, thinking the female had young nearby. McConnell also heard 2 Blue Grosbeaks singing at this spot 5/29 and 1 on 6/24. A few northern finches were still here early in the

quarter, with the last 22 Purple Finches at LO 4/29 (BU), a Pine Siskin in Bern Township 4/14 (EB) and single Evening Grosbeaks at Shillington 4/16 (DBu) and SGL 4/20 (KG).

OBSERVERS: Rudy Keller 71 Lutz Rd, Boyertown, 19512, (610) 845-7310, rkeller@temple.edu, David Barber, Ed Barrell, Brian Bourke, Donald Burger, Rick Carpenter, Tom Clauser, Bob Cook, Fred Cutts, Jim Eckert, Catherine R. Elwell, Steve Fordyce, Laurie Goodrich, Kerry Grim, Lora Beth Harbaugh, Anna Kendall, Dean Kendall, Katrina Knight, Arlene Koch, Ken Lebo, Kyle McCarty, Scott McConnell, Ricardo Perez, Peter Saenger, Joan Silagy, Matt Spence, Niki Taylor, Bill Uhrich, Matt Wlasniewski.

#### Blair County

No report

No compiler

#### Bradford County

I have taken over the Bradford compiler position from Bill Reid. When I say taken over, I don't mean replaced. No-one could replace Bill Reid. His vast knowledge of birds and his long and intense experience of Bradford birds put him in the realm of the irreplaceable. As county compiler, all I can do is to aspire, using Bill as the ideal model to which to aspire. Thank you Bill, for your many years of compiling in this county.

NOAA says this was the third wettest June on record here. I found the earlier part very wet and somewhat cool, while later June was quite dry and warm. A total of 135 species were reported during the quarter. Two Common Loons were seen on a farm pond near Leroy on 4/15 (DH). A Double-Crested Cormorant was on the Susquehanna River at Wyalusing on 5/11 (TG). An American Bittern was south of East Troy on 4/15 (DH) and one was near Standing Stone on 6/10 (BR). I was delighted to see a female Hooded Merganser with 6 young on Swamp Poodle 5/11. An Osprey was observed over the Susquehanna River near Towanda 4/15 (DH) and at Swamp Poodle 5/8 (TG). Two Northern Bobwhites were near Wilmot 6/20 (TG). A Sandhill Crane was observed at Sheshequin Flats 5/28 (DA)! A Virginia Rail was seen south of East Troy 4/15 (DH) and near Standing Stone 6/10 (BR), where (BR) also observed 2 Soras on 6/10. I had both Black-billed (5/28) and Yellow-billed Cuckoos (6/1) on my farm (TG). An Eastern Screech Owl was heard calling near Terrytown on 6/10 at 7:30 AM (BR). A Fish Crow near the river bridge at Wyalusing 6/10 was a first for Bradford (BR), although it was recorded years ago on the SE Bradford Christmas count. A Black-Throated Blue

Warbler was observed near Sayre 5/11 (MB), and a Yellow-throated Warbler near Troy 4/18 (RY) was very unusual. Unusual, also, a Vesper Sparrow was observed 4/15 (DH).

OBSERVERS: Trudy Gerlach, RR2, Box 228, Wyalusing, Pennsylvania 18853, (570) 746-9270, tgswoods@epix.net, Dick Allyn, Marty Borko, Deuane Hoffman, Bill Reid, Dan Riker, Ron Young, Marsha Zwierlein.

#### Bucks County

Locations: Nockamixon State Park (NSP), Peace Valley Park (PVP), The Penn-Warner Tract, Falls Township (WNT), Quakertown Swamp (QTS), Rohm & Haas, Bristol (RHS)

The weather ranged from one of the hottest Aprils on record to May's significantly below average temperatures with June only slightly above normal. The hot spell in April probably contributed to 20 new early arrival dates, with 16 of those being Neotropical passerines. Twenty migrants and winter residents set new last seen departure dates, only three of which were Neotropical passerines. However, the bulk of migration in May seemed to be on time or slightly early with only a few June stragglers. On average, rainfall was slightly above normal, which eliminated the dry lakeshores and shorebird habitat that had persisted all winter. However, an excellent 18 species of shorebirds were recorded anyway, including four not previously reported in spring. Rainfall accompanied some fronts at the peak of migration in May; causing some observers to comment on the resulting passerine fallouts they had in their backyards. The 9th, 10th, 12th, 13th, and 19th were particularly good. Please refer to the Seasonal Occurrence Tables for complete details of both early and late date records.

Overall, 233 species were reported this quarter. The birdathon, held 5/3-4, was close to average with 152 species. It was held one week earlier than usual so as not to coincide with the NAMC. The NAMC on 5/11 produced a record high 162 species, about 20 species higher than the previous six-year average, in spite of the fact it was not a fallout day. Unless otherwise noted, credit should be given as follows: WNT, RHS, Bristol, Buckingham Township, QTS, and Hilltown Township to Devich Farbotnik (DF); NSP and Haycock Township to Bill Etter (BE), Blooming Glen to Cameron Rutt (CR); Nockamixon

Township to Steve Farbotnik.

Common Loon high counts were low and late this year. The peak was 63 on 5/13 at NSP (DF). Indicative of the rapid increase in Double-crested Cormorant was a peak count of 700 4/13 at WNT. Two Great Cormorants were still near Bristol on 5/6. An excellent peak of 6 American Bitterns occurred 4/24 at QTS. A Least Bittern was found there 5/8 (DF) and 5/9 (BE), and another was at WNT from 4/27 through the quarter. The QTS Great Blue Heron colony may have stabilized at approximately 35 to 38 nests after declining for two years (EH, BE, AM). The NSP colony increased to 6 or 7 nests and WNT colony increased to 9. Great Egret was present all quarter at RHS with a peak of 9 on 6/1. The only report of Snowy Egret was of 3 in Buckingham Township 5/7. A Little Blue Heron was seen at WNT 4/18 and 5/30. An early Cattle Egret was at NSP 4/3 (BE, CR), another was there 4/22 (DF), and a third was at Buckingham Township 5/7. A peak of 8 Black-crowned Night Herons was at RHS 6/1. A Glossy Ibis at WNT 5/17 was a rare find for May. Black Vulture is believed to have nested in Middletown Township in a vacant house too dangerous to enter for confirmation (GC).

Waterfowl migration continued to be lackluster in general after a mild ice-free winter. A lone Brant 5/12 at PVP was the latest ever reported in spring as well as the only report this year to date (DF). Lake Towhee is a good refuge for American Black Duck and an adult with 11 young 5/16 (AM) was good evidence. A Blue-winged Teal on a new late date of 5/26 at WNT provides hope for nesting in the county. Unusual for May were 2 Northern Pintail at WNT on 5/17. A late peak of 21 Greater Scaup was at NSP 4/13. Considered rare here, 7 Surf Scoters on 4/28 at NSP and 2 there on 5/7 were nice finds. Two White-winged Scoters at WNT on 4/22 left while being observed, leading DF to suggest that the 2 Alan Brady saw an hour later at PVP were the same two birds. Four more 5/9 at PVP was our only other report. A peak count of 62 Ruddy Ducks was on 4/7 at Churchville Reservoir (DF). Reports of Mississippi Kite continue to increase. One passed over Haycock Township 4/23(BE). An adult male was at PVP 6/2 (IB), and one or more were seen from Northampton flying into Bucks on 4/12, 4/19, 5/30, 5/31, 6/19, & 6/21 (AK). A count of 536 Broad-winged Hawks over Rushland in four-plus hours on 4/23 (MH) was local confirmation of the large hawk flight reported throughout southeastern Pennsylvania that day. A Merlin at US Steel, Falls Township 5/11 was on the late side(DF). The Pennsylvania Turnpike Bridge Peregrine Falcon pair fledged two young (MS). A surprise was one flying north at PVP 5/6 (AM, J& EP).

A Northern Bobwhite at PVP 6/10 was likely a

released bird (ML). There was hope that one in Levittown 5/11 was a survivor of the wild kind (GC). Ruffed Grouse went unreported. The first ever spring reports for the county were received for the following four shorebird species: 1 Black-bellied Plover at Bristol 5/13 and one at WNT 5/29; a Lesser Golden-Plover at WNT 4/27; a White-rumped Sandpiper at WNT 5/4, 2 there on the late date of 6/12, 1 at Bradford Dam 5/31 (DF), and 3 tallied there 6/3 (AM); and a Stilt Sandpiper at WNT 5/20 to 5/25. The first Lesser Yellowlegs reported to winter in the county, reported all last quarter at Core Creek, alternated there and at the nearby Newtown LaSalle College campus waiting for more of its kind to arrive before moving on. Several species had interesting high counts at WNT: Semipalmated Plover - 18 on 5/26; Greater Yellowlegs - 35 on 4/28; Lesser Yellowlegs - 24 on 4/27; Least Sandpiper - 337 on 5/9; Dunlin - 15 on 5/15; and Short-billed Dowitcher - 13 on 5/18. Several of the shorebirds above had previously been considered rare or accidental but will probably be upgraded if reports continue at the current rate. Last, but certainly not least, was a Wilson's Phalarope at WNT on 5/11 which is the 6th county report, the 2nd in two years. The estimate of Laughing Gulls at WNT 4/20 was 10,000. The peak tally of Bonaparte's Gull was 91 at WNT 4/27. Now expected, Iceland Gull and Glaucous Gull were still at Tullytown 5/11(WD, DF), the later setting a new late spring record. Lesser Black-backed Gull must be mentioned since this rapidly expanding species is apparently more abundant in Bucks than anywhere else in N. America and was reported through the quarter at WNT. An adult Herring x Glaucous (Nelson's Gull) was again reported at Tullytown 4/6 (MS.)

Unreported last spring, six reports of 11 Caspian Terns established a new early arrival date of 4/17 at NSP and 3 were late at PVP 6/6 (CC, ER). A Common Tern was reported at WNT 4/28 and NSP 5/15. The more common Forster's Tern had an unusual spring high count of 5 at NSP 5/14. The scarce Black Tern was found 5/11 and 6/12 at WNT.

Observers commented on the lack of tent caterpillars this year, which may have been a result of the freezing temperatures in May. A probable result was the scarcity of both cuckoo species. Two Barn Owl nesting boxes were used again in Bedminster Township and one Barred Owl report was received from Haycock Township (DF). A tooting Northern Saw-whet Owl at Rushland 5/22 (SC) was the only

report. The Chuck-will's Widow was reported in Bristol for the 4th year in a row. The approximately 5 wintering Red-headed Woodpeckers in Richland Township probably left after the last report April 8 (BE), and one in Nockamixon Township left by 5/7 (SF). An apparent nesting pair was in residence in Haycock Township by 4/17. A migrant was at RHS 5/3. A Yellow-bellied Flycatcher in Nockamixon Township 5/4 was the only one reported. For the second year in a row, a Philadelphia Vireo 6/7 at NSP set a new late date. Considered accidental here, a Common Raven was in Nockamixon Township near Revere 5/6 and 5/26, and probably the same bird was seen at the Nockamixon Cliffs 5/11 (Hart Rufe). A very surprising flock of 15 Horned Larks was recorded in Durham Township on the late date of 5/11 (HR). There had to be Winter Wrens out there somewhere but none were reported! Rare here in spring, Marsh Wren was found at PVP (AM, JM) 5/1, and QTS 5/13 to 5/16. Gray-cheeked Thrush was scarce everywhere except Bowman's Hill where good success was reported (m. obs.) including a peak of 4 5/16 (BE). One other was reported at Lake Warren 5/26 (KR). The only report of American Pipit was 2 on 4/1 in Hilltown Township. A total of 34 warbler species were reported. A Golden-winged Warbler 5/1 at PVP (CC) was the only report of this locally rare species. Also, locally rare, Cape May Warbler was reported 5 times which is better than recent years. Bay-breasted Warbler was thought to be very scarce with fewer than 10 reports. A Prothonotary Warbler at WNT from 5/11 to 6/10 was the only report and hopefully a nester. Five Northern Waterthrushes in Chalfont 5/19 was a good local count (RF). Among 4 Mourning Warbler reports was one that stayed for four days at Haycock Township 5/27-30 singing from about 50 feet up in a tulip poplar (BE, CR)! Four species of sparrows stayed very late, some due to obvious injuries. Although the last normal report for American Tree Sparrow is 4/8 at NSP, a surprise was one in Buckingham Township 5/7 (MH). Fox Sparrows left on time 4/13 at NSP but an injured bird remained at a feeder in Nockamixon Township through the end of the quarter. White-throated Sparrows remained in the area in larger than normal numbers well into May and one stayed at a feeder until 6/15 in Levittown (GC) for a new late spring date. Although a Dark-eyed Junco 5/7 at Haycock Township was late enough, another injured bird set a new late spring date of 5/23 at NSP. A Vesper Sparrow continued in Blooming Glen from 3/31 to 4/1 so it could be tallied in two quarters. One was near Kintnersville 4/9 and 5/16 (BF), and a surprising 3 were at PVP 4/30 (CC). A Grasshopper Sparrow was in residence in Blooming Glen starting 5/24, and one was found in Tinicum Township 5/25 (OF), and another there 6/16 (JM). One or more Savannah Sparrows were probable nesters in Blooming Glen. A single Lapland Longspur tallied on 4/3 in Hilltown

Township was a first county sighting for April. The only Blue Grosbeak report was an immature male in Blooming Glen 6/30. Three or 4 Bobolink colonies are doing well in Tinicum Township (AM, JM). Another unusual report was a Baltimore Oriole, first reported last quarter starting on 2/25 that remained until 5/11 eating peanut hearts in Levittown (GC). It did not appear injured at first but later showed signs of a leg injury, which recovered before it left. Otherwise, this species was first reported 4/25 in Haycock Township. The large winter invasion of Purple Finch tailed off by early May with 2 in Nockamixon Township 5/11, 1 at QTS 5/11 (KC), and 1 at PVP 5/25 with eye disease (AM, CC). Pine Siskins were last reported 4/14 in Doylestown (MH).

EXOTICS: Two Egyptian Geese were reported from NSP 5/29. A Black Swan continued sporadically all quarter at NSP.

Corrigenda: In PB 15: 162 Birds of Note: the 32 Red-breasted Mergansers in Bucks, were Common Mergansers (See Local Notes which are correct). Also, PB15:163 Birds of Note: the Whimbrel in Bucks should have read "1 on 7/29 in mowed field behind Clemens Food Market in Quakertown (Cameron Rutt)." The misprint indicated two individuals on two dates, which was incorrect (See Local Notes which are correct).

OBSERVERS: August Mirabella, 1443 Wheaton Ln, North Wales, 19454, AugustMirabella@aol.com, Diane Allison, Ian Baldoch, Adrian Binns, S Blank, Alan Brady, Charles Cameron, Garry & Karen Campell, George Carmichael, Sally Conyne, Chuck Crunkleton, Ward Dasey, Bill Etter, Devich Farbotnik, Steve Farbotnik, Doug Filler, Ron French, Bob Friedermann, S Furlong, Gene Gladston, Kristie Gregory, Marya Halderman, Eleanor Harding, Mike Homel, Jason Horn, Ken Kitson, Louise Lehman, Butch Lishman, Mike Lyman, Joe Majden, Barbara McGlaughlin, Judy Mirabella, Joe & Esther Pearson, Ken Rieker, Hart Rufe, Cameron Rutt, Elaine Ryan, Matt Sharp, Chris Stieber, John Yerger, Nick Zahn.

#### Butler County

Locations: Lake Arthur (LA), Moraine State Park (MSP)

The 411 Double-crested Cormorants at LA 4/16 (SK) were a sign of the species' steadily increasing

migrant counts. An unprecedented gathering of 56 Great Blue Herons at the lake's eastern end 5/11 (GW) was remarkable and raised a tantalizing question about their origin. The season's first Great Egret 4/7 at LA was rather early (WS), and various observers noted 1-2 at the lake to 5/17. Three Surf Scoters were uncommon visitors at LA 4/20 (SK), and 300 Buffleheads and 700 Ruddy Ducks were good waterfowl tallies 4/6 on a Three Rivers Birding Club outing.

Five Osprey nests were active: 2 at LA, 2 atop high cell-phone towers near the lake, and one at the Glades. Even more notable was the county's second successful Bald Eagle nest, this one at LA, while the Glades' long-established pair fledged two young.

A period of rain on 5/12 brought an interesting fallout of water birds to LA, and Dave Darney and Debbie Yovanovich had the good fortune to be there. Included were a Black-bellied Plover and a Dunlin, rarely reported in the county in the spring, but the astonishing prize was a throng of 97 Common Terns that landed on the north shore -- one of the highest counts ever recorded in western Pennsylvania away from Lake Erie. The only comparable inland total listed in McWilliams and Brauning's *The Birds of Pennsylvania* was a flight of 125 over Westmoreland County in May 1968. Other tern maxima were 5 Caspian Terns and 12 Forster's Terns, both rather early on 4/16 (SK), and single Black Terns were seen at LA 5/17 (DY) and Glades 5/18 (TF, et al.).

Two Northern Saw-whet Owls were found at MSP 4/6 (DD). A Brewster's Warbler was a nice discovery in Donegal Township 6/1 (MF). A Lark Sparrow (no details yet) was reported near Portersville 4/17 (WS), not far from MSP where the two previous county records were located. Two White-winged Crossbills were exciting visitors at a Butler Township feeder 4/5- 7 (DY), where 2 had also stopped in November 2001. The only other "northern finches" reported were 4 Pine Siskins 5/11 on the NAMC.

Possible breeding: A singing Blackburnian Warbler 6/30 in appropriate habitat at the Glades (DY, DD) was intriguing because there have been no recent reports of nesting in the county. Mike Fialkovich listed several species of unusual interest on his Breeding Bird Survey route, which parallels the county's eastern boundary: an Alder Flycatcher and an Orchard Oriole in the east-central area, where breeding has not been known; and a Bobolink in a Winfield Township farm field that is ordinarily mowed every spring but was hospitably left alone this year.

OBSERVERS: Paul Hess, 1412 Hawthorne St, Natrona Heights, Pennsylvania 15065, (724) 226-2323, phess@salsgiver.com, Suzanne Butcher, Dave

Darney, Mike Fialkovich, Martin Forrester, Tim Forrester, Carol Guba, Deborah Hess, Margaret Higbee, Dory Jacobs, Scott Kinzey, Bob Machesney, Dianne Machesney, Geoff Malosh, Dale Matuza, Carol McCullough, Fred McCullough, Dana Shaffer, Walt Shaffer, Sam Sinderson, Randy Stringer, Clark Trauterman, Gene Wilhelm, Dave Wilton, Debra Yovanovich, John Yunaniak.

#### Cambria County

Prince Gallitzin highlights include JS's 10 Wilson's Snipe (5/11) and DG's 3 Black Terns (5/13) with 2 sighted on 5/14 (DG, JS). A 5,000+ mixed flock fallout of Tree, Northern Rough-winged, Bank, Cliff, and Barn Swallows, plus Purple Martins, were also present.

The best area for shorebirds was the potato fields of the Patton area where large puddles remained for a month. Species observed were Greater and Lesser Yellowlegs, Solitary Sandpiper, Semipalmated Sandpiper, Wilson's Snipe and White rumped Sandpiper.

JJ noted a Bald Eagle at Beaverdam Run Dam (4/13) was a sub-adult. She faithfully continues to monitor the Dark-eyed Juncos.

This is the second year that Yellow-bellied Sapsucker failed in the nesting attempt in Dave Gobert's yard. This year the pair mysteriously disappeared in mid-June.

KG reports nesting Pine Siskin, with a sighting of 2 adults and 1 fledgling in the Johnstown area. Nice late dates for Evening Grosbeaks were reported by RG with 4 on 5/1 in Elton, and with 3 on 5/8, and 4 on 5/9 in the Johnstown area (KG).

OBSERVERS: Gloria Lamer, 515 Laurel Run Rd, Penn Run 15765, (724) 349-1159, Georgette Syster, 428 Laurel Run Rd, Penn Run 15765, (724) 349-6293, Alice Beatty, Ross Gallardy, Kevin Gerog, Kyra Gilmore, Dave Gobert, Judy Johns, John Salvetti.

#### Cameron County

No report

No compiler

## Carbon County

A Red Throated Loon was at the beach at Beltzville State Park on 5/11, and Brant were there 5/2. An American Bittern was present 5/4 at Pine Run Boat launch.

On 5/2 a Forster's Tern was on the beach at Beltzville State Park, and on 5/11, a Common Tern was there. On 5/26 a Least Tern was at the beach at Beltzville State Park. This was a first in Carbon County.

A cold windy downpour on 5/18 produced great birds including 28 Short-billed Dowitchers--the first we have seen in county in last 15 years. Also seen were 7 Least Sandpipers, 20 Lesser Yellowlegs, 2 Forster's Terns, and a Lawrence's Warbler.

OBSERVERS: Dave Hawk, 521 Walnut St., Lehighton, 18235, (610) 377-2407, Bob Frantz, Jeff Frantz, Steve Hawk, Dan Kunkle, Devin Kline, Nick Kerlin, Barry Reed, Rehrig's.

## Centre County

Locations: Bald Eagle State Park (BESP), Toftrees Gamelands (TG)

A Red-throated Loon was at BESP in mid-May, the only record for the quarter (MH). American Bitterns (2 different individuals, or the same individual?) were found at Toftrees Pond in early April (SR) and early May (MH). Two reports of Brant came from BESP: 3 individuals in late April and 1 bird in mid-May (both MH). The county was host to all three scoter species this spring. Surf Scoters were at BESP (5 males, 2 females) on April 21 (DG) and Black Moshannon State Park (1 bird) on 4/30 (NB). White-winged Scoters visited BESP with 5 birds there 4/22, 12 on 4/29, and 2 on 5/12 (all MH). A Black Scoter was with the white-wings at the park on 5/12 (MH).

Bald Eagles are now regular at BESP, but a more interesting sighting was that of a probable juvenile Golden Eagle at the park in mid-June (BS). A Northern Goshawk was seen at Sunset Park in State College in early May (MH).

The only migratory shorebirds reported were Greater Yellowlegs, Lesser Yellowlegs, and Solitary Sandpiper.

Black Terns (single individuals) were reported from 3 locations in the county this spring: Toftrees Pond on 4/30 (SR), Colyer Lake on 5/12 (MH), and Black Moshannon State Park on 4/16 (MD). A Forster's Tern was seen at BESP in late April (WT).

An Olive-sided Flycatcher was at the TG in mid-May

(RS). Two Yellow-throated Vireos and a single Philadelphia Vireo were observed along Circleville Road near State College in late May (both MD). A Marsh Wren was found in Curtin Marsh in early May (TOC).

Migrant (and breeding) warblers showed up in the county about a week earlier than normal. Interesting reports, all from the middle of May, included a Brewster's Warbler hybrid at SGL 176 (DR), an Orange-crowned Warbler at BESP (WL), and a Kentucky Warbler at the TG (RS). There were 3 reports of Mourning Warblers for the period: 1 in the Bellefonte area on 5/11 (ML), 1 at the TG 5/15 (RS) and 1 in the Boalsburg area 5/28 (TOC).

A Blue Grosbeak was found near Bellefonte in early May (ML). Evening Grosbeaks and Purple Finches migrated through the area in mid-April. Good numbers of the latter were noted at area feeders.

OBSERVERS: Eugene Zielinski, 1322 Old 220 Rd, Bellefonte 16823, (814) 353-8212, eez55@juno.com, Diane Bierly, Nick Bolgiano, Susan Braun, Margaret Brittingham-Brant, Asta Broskley, Jim Curtis, Jennifer DeCecco, Jim Dunn, Margaret Dunson, Roana Fuller, Debra Grim, Molly Heath, Jeff Karnicky, Nancy Ellen Kiernan, Mike Lanzone, Wayne Laubscher, Jen Lee, Michael Lohr, Matt Marshall, Denyce Matlin, Joel McNeal, Tim O'Connell, Dan Ombalski, John Peplinski, Dan Rabbers, Larry Ramsey, Steve Repasky, Thomas Shervinskis, Robert Snyder, SuAnn Stibitz, Rob Stone, William Toombs, Ann Wilken, John Yerger.

## Chester County

West Chester Bird Club (WCBC) had many birding activities in Chester during this report period, most of which contributed valuable information to this report. April 15 to 5/15, Spring Bird Count anywhere and any time in Chester: 4/15, Struble Lake and Marsh Creek State Park, JR leader; 4/20, Chrome Barrens, Nottingham Park, and Octorara Reservoir, MAK and MS, leaders; 4/21, Birding/Kayaking Trip, Marsh Creek State Park, RW, leader; 5/4, Valley Forge National Park, RW&EW, leaders; 5/8, White Clay Creek, PA, MP&KF, leaders; 5/11, North American Migration Count, BB, coordinator; and 6/9, Breeding Bird Count in the same area as the Christmas Bird Count, DH, coordinator.

Marsh Creek State Park had 2 adult Mute Swans nesting in an area close to Styer Road. One of the adults eventually disappeared to be replaced by a cygnet.

A large gathering of Wilson's Snipe was found on Todd Road 4/15, the opening day of WCBC's Spring Count. The ground seemed to be boiling as the snipe pushed their way through the wet grass. We counted 24 birds but thought that many were probably overlooked in the deep grass.

DM found an unusual bird at Welkinweir Nature Center on 4/17. The group she was leading found 5 Palm Warblers, but then they saw a Palm Warbler-sized bird, bobbing its tail and moving with the group. She reports, "I noticed flashing white wing bars. The top bar was wide and white, the lower bar was also white but narrower. My first thought was 'albinistic Palm.' However, its crown had a Goldfinch-yellow, distinct, oval cap. The supercilium was less bright, browner or buffier enough to create a striking contrast with the yellow cap. There was an eyeline and some color in the auriculars. The upper tail coverts and rump were yellow. The tail had white on the outer parts, but I thought more white than usual." The bird moved away before she could make any more observations. A drawing was submitted to PORC.

On 4/21, kayakers, participating in the trip for birding at Marsh Creek State Park, located 8 Ospreys as well as 700+ Tree Swallows skimming over the lake. They were able to investigate hard-to-reach inlets not usually seen by birders.

At Hibernia Park on 4/23, 2 Sharp-shinned Hawks, constantly calling, were pursuing each other. The pair disappeared before it was determined if the activity was courting behavior or a fight over territory. TD found a large, noisy flock of American Goldfinches numbering up to 100 at Chambers Lake on 4/28.

NP was doing some backyard banding on 5/1 in West Chester when a female Evening Grosbeak dropped in for a visit. He reported, "The bird remained in the yard feeding quietly in an oak tree with some Yellow-rumped Warblers and Ruby-crowned Kinglets for about an hour. Though it may seem odd to find an Evening Grosbeak in May in the southeast counties, I believe there is a brief window from about mid-April through early May when northbound migrants seem to pass through."

VFAS had an annual Spring Bird Count at Marsh Creek State Park on 5/4. Seventy-six species were observed, and 12 species of warblers were found. SC (the coordinator) reports that a total of 181 birds have now been seen in the park. An unusual sight was 125 Brant on Struble Lake on 5/9. GS, LL, and

TD were lucky observers. GS said they lingered for the whole day.

Extremely rare in this area are Cliff Swallow sightings. However, RW saw a flock of approximately 200 Cliff Swallows over the Schuylkill River and Valley Creek on 5/10. Do they congregate here every year and were not seen until now?

HM had 2 Pine Siskins at her feeders continuously on 5/10. She had Pine Siskins coming to her feeder in Downingtown from October through the first week in April. It is the first year that the Pine Siskins have remained winter residents in her yard since moving to Downingtown. She says that the past season was apparently a good one for winter movement of Pine Siskins in the mid-Atlantic region. Since the birds have lingered for so long, Holly wondered if anyone found any evidence of breeding in southeastern PA.

On 5/12 GS observed a Glossy Ibis at Embreeville Park. No report was submitted, however these birds do occasionally appear in the county.

HM has been following the occurrence of Cerulean Warblers on the Struble Trail. On 5/12, she first discovered a nest in a tulip poplar tree. From 5/15 through 5/20 the female was still incubating. On 5/25, 14 days from the time she originally found the nest, the eggs had hatched (Holly was unable to observe the nest between 5/20 and 5/25 during which time the eggs hatched). On 5/25, she observed both male and female Ceruleans feeding their recently hatched young. She hopes to see the young fledge, thriving and successful.

TD reported finding a male Hooded Warbler on 5/24 at Hibernia. He said, "This warbler was singing a strange song that started with two down-slurred notes and ended like a waterthrush or even a Swainson's Warbler's song." He was shocked when he found the singer, which turned out to be a male Hooded. He then found another male at another location in the park that was singing the classic song associated with the species.

In her report about the VFAS Breeding Bird Count held on 6/1, EP mentioned that a Prothonotary Warbler again nested in Chester. She said that it has nested along the Schuylkill River for at least three years.

OBSERVERS: Elaenor Wolf, 148 Harvest Lane, Phoenixville, 19460, (610) 933-6414,

wolfriel@voicenet.com, Nancy & Bob Bernhardt, Mary Bleecker, Barry Blust, Michael, Blust, Kathleen Bond, Skip Conant, Mike Coulter, Robert L. Curry, Theodore Drozdowski, Paul Earley, Tony Fernandes, Kevin Fryberger, Sharon Gardo, Peter Gray, David Harper, Mike Harvell, Beth Hopkins, Doc Houston, Phyllis & Beryl Hurlock, Mary Alice Knox, Grant & Margie Lashbrook, Larry Lewis, Doris McGovern, John McNamara, Holly Merker, Pat Messner, Walt Mychalus, June O'Brien, Martin Page, Philadelphia Rare Bird Alert, Bruce Piecukonis, Nick Pulcinella, Marita Richards, Rick Robinson, Jim Russell, Grier Saunders, Marianne Seitzer, Glenn Stauffer, Janice Swana, Lisa Tull, Valley Forge Audubon Society, West Chester Bird Club, Dan & Hoy White, Judy White, Wild Bird Center of Exton, Richard Wolf.

#### Clarion County

An Eared Grebe was present at Kahle Lake 4/11-29 (RS, ML, MB).

A pair of Osprey attempt to nest (4/23-5/8), but were unsuccessful at Kahle Lake (HB, MB, WF, ML). A pair of Red-shouldered Hawks attempted to nest at Shippenville 4/9 - 4/15, but deserted the nest (MB).

On 6/5 MB noted a Willow Flycatcher still singing at 10 p.m. at Olson Ponds. On 4/8 at Shippenville, a very early migrant Pine Warbler was feeding at a suet feeder all morning.

Up to 6 Clay-colored Sparrows were at Mt. Zion (RM, JF, EM).

OBSERVERS: Margaret Buckwalter, 249 Maple Dr, Shippenville 16254, (814) 782-3925, mbuckwalter@usachoice.net, Hendricka Bohlen, Dave Brinker, Deb Freed, Walter Fye, John Fedak, Mike Leahy, Dale Luthringer, Flo McGuire, Ellwood Myers, Ron Montgomery, Ruth Schurr, Russ States, Fran Williams, Margo Wimer.

#### Clearfield County

Not too many reports were received for the quarter. Curwensville Lake had a number of interesting shorebirds on 5/14, including 3 Lesser Yellowlegs, 5 Least Sandpipers, 8 Dunlin, and 1 Short-billed Dowitcher. Also present were Common Loon, Double-crested Cormorant, and Red-breasted Merganser (EZ).

On 6/2, a Clay-colored Sparrow was reported from the area along Troy Hill Road outside of Philipsburg where several had been found last year (MD). Unfortunately, subsequent searches were unsuccessful in relocating the bird.

OBSERVERS: Eugene Zielinski, 1322 Old 220 Rd,

Bellefonte, 16823, (814) 353-8212, eez55@juno.com, Margaret Dunson, Robert Fowles, Molly Heath, Mike Lanzone, Tim O'Connell, Rob Stone.

#### Clinton County

Most migratory waterfowl had passed as of the third week of April. The now annual American Bitterns in Mill Hall were first seen on 4/3 with 3 being observed (WL) and 1 was last seen on 5/11 (SR, DR). The county's first Whip-poor-will was heard on 4/17 in Swissdale (WL). Ruby-throated Hummingbirds arrived on 4/30 in Avis (BZ).

Unusual for the area, a Blue-winged Warbler was sighted on 4/7 in Woolrich (C&CH). The diversity of warbler species seen throughout the quarter was better than in several previous years and included Prairie Warbler in Renovo on 6/17 (DR, WL), and Wilson's Warbler on 5/20 in LH (WL) and 5/22 in Kettle Creek State Park (C&CH).

Absent during most of the winter, Evening Grosbeaks made several appearances from 4/9 in Lock Haven (L&GE) thorough 5/7 in Woolrich (C&CH). Pine Siskins remained in various locations until 5/26.

Most unusual was a report of 2 Clay-colored Sparrows in Renovo on 6/3 (ML).

OBSERVERS: Wayne Laubscher, 749 Eastern Croak Hollow Rd, Lock Haven 17745, (570) 748-7511, wlaubsch@cub.kcnet.org, Steve Bason, JoAnn Bowes, Lynn & Genevieve Earon, Cecil Hazlett, Dave Ferry, Carol & Charles Hildebrand, Mike Lanzone, Dave Rockey, Sam Rockey, Vesta Schach, Beth Zbegner.

#### Columbia County

No report.

No compiler

#### Crawford County

A good find was a Cattle Egret on a farm pond at Shadeland near Springboro 4/18 by AT. Three immature Trumpeter Swans were heard and seen at close range at Custards, Conneaut Marsh 4/7. All three had green neck tags (RFL). A rather late Gadwall was present at Pymatuning Lake to 6/21

(MBI, NT). Always a good find is a Sedge Wren and a male was heard and seen in a Conneautville Hay field the end of June by TCN. A Swainson's Thrush stayed four days feeding under my feeders amid the cracked corn 5/18-21 for a first here at Meadville. A Northern Mockingbird was found at Hartstown Marsh on 5/10 by MBI & EB.

From 1 to 3 White-eyed Vireos were noted at Hartstown Marsh from April to 6/18. MBI & RH found them in good numbers at Erie National Wildlife Refuge at Guys Mills in early June. There seems to be a good population here now.

One Golden-winged Warbler was seen at Hartstown Marsh 5/9 and 2 were there 5/11 (MBI, EB).

Single Prothomotary Warblers were found at Conneaut Marsh 5/1, 8, & 17 (RFL). Two singing male Yellow-throated Warblers were seen at Conneaut Marsh along Towpath Road (one at each end) on 4/20 (SR), and I had 1 on 4/23 (same bird?).

Seldom seen here is a Prairie Warbler but one was reported for Venango, just north of Saegertown 5/15 (LC?). A good find for the spring season was a Connecticut Warbler at Hartstown Marsh 5/11 (MBI).

Two Orchard Orioles were seen at Hartstown Marsh 5/26 (MBI).

A nice surprise was a female Red Crossbill that spent a day at a Wayland feeder eating and enjoying the bird bath on 5/30 (KM&GM). A lone Pine Siskin stayed at my thistle feeder to 5/1.

OBSERVERS: Ronald F. Leberman, 11508 Pettis Rd, Meadville 16335, (814) 724-5071, Margaret Buckwalter, Edward Blyer, Marvin Blyer, Owen Blyer, Louise Chambers, Joyce Hoffmann, Scott Kinzey, Gordon Marsh, Karlin Marsh, David Miller, Steve Rotkovecz, Tomas Clare Nicolls, Adam Troyer, David Troyer, Neil Troyer, David Wilton.

#### Cumberland County

A rather quiet quarter here in central Pennsylvania. Reports were scarce and rarities virtually nonexistent.

The first Yellow-crowned Night Heron was spotted along the Conodoguinet Creek at West Fairview on 4/20 (DH, AM, DS). As far as I know, a total of 4 pairs nested in the area of West Fairview this year.

Among the usual warbler migrants this year, migration was punctuated with the appearance of 2 male Prothonotary Warblers. One was along the Yellow Breeches Creek from 5/7-10 (JS, RS). Another male hung out along the flooded backwaters along

the Conodoguinet Creek at West Fairview from 5/16-20. It seems the area gets its share of Prothonotaries every spring, but none are known to stay and nest—maybe one year. Prothonotaries nest within 10 miles of Cumberland, so it is not out of the realm of possibility.

OBSERVERS: Deuane Hoffman, 3406 Montour St, Harrisburg 17111, (717) 564-7475, raven@paonline.com, Andrew McGann, Joe Sheldon, Dan Snell, Rick Stevick.

#### Dauphin County

The seasonal waterfowl migration continued along the Susquehanna with many of the species reported in February and March remaining into April or early May.

Additional observations included Ruddy Duck 4/15 (RK), Red-throated Loon 4/29-5/13 (DH, RK) and, 8 White-winged Scoters 4/28 (DB). Two Common Loons remained into early June 6/10 (DB). Also of note were reports of female Hooded Mergansers with chicks among the islands near Harrisburg 5/21 (LM) and 5/24 (DH); and a lone female on the Mahatango Creek in northern Dauphin during a BBS survey 6/2 (RW).

There were multiple reports from mid-April to mid-May of 4 species of tern: Caspian, Common, Forster's and Black on the river near Harrisburg (var ob.).

During the first week of May the annual Wade Island Nest Survey was conducted. The 142 Great Egret nests were near the 10 year average while the 107 Black-crowned Night-heron nests continue to be well below the 10 year average of about 180. In 1990, for example, there were 345 Black-crowned nests! Double-crested Cormorant nests continue to increase dramatically. This year 21 were counted which is up from the 11 in 2001. The first nest was confirmed in 1996. An American Bittern was found at Wildwood Lake 4/19 (BN) and a Snowy Egret made an unusual appearance in Powells Valley 5/2 (JF).

The NAMC in Dauphin yielded 159 species including 31 warblers. Highlights included a White-rumped Sandpiper, 3 Dunlin, and 6 Short-billed Dowitchers on Haldeman Island (SB), a Philadelphia Vireo at SGL 246 near Middletown

(PF), and a Connecticut Warbler in Stony Valley (TS). A Glossy Ibis was reported in South Hanover Township 5/2 (NW). A Prothonotary Warbler was discovered at Wildwood Lake 5/13 (CD) and remained to 6/4 (JR), while a Yellow-throated Warbler made an appearance along the Swatara near Hummelstown 5/14 (PF). SGL 248 between Middletown and Hummelstown also proved to be an interesting birding spot later in the month. Among the varied species found there this spring was an Olive-sided Flycatcher 5/18 and an Alder Flycatcher 5/20 (PF). The first interesting sighting of "official" summer was a Blue Grosbeak at the Hershey Farms along RT 322 6/22 (JH).

The Harrisburg Peregrine Falcons and the two nesting pairs of Bald Eagles on the islands in the northern part of the county successfully fledged young. There is also a report of a second Peregrine pair establishing a nest at the nuclear power plant on Three Mile Island.

Some late departures of migrating species included Winter Wren in East Hanover Township 4/5 (NC), Snow Goose at Millersburg 4/20 (JSD), Evening Grosbeak 4/24 near Halifax (DM), Pine Siskin remained to be counted in the NAMC 5/11, and Purple Finch were still coming to a Carsonville feeder 5/18 (J&JF).

One never knows when or where birding skills will come in handy. A case in point was the discovery of a Golden-crowned Kinglet in a Bishop McDevitt High School class room in Harrisburg 4/9 (RS).

OBSERVERS: Richard Williams, 3 Parkside Ave, Hummelstown 17036, (717) 566-6562, dickpatwill@juno.com, Chuck Berthoud, Dale Bickhouse, Scott Bills, Carolyn Blatchley, Dan Bogar, Mick Brown, Nancy Cladel, Theresa Deangelis, Cindy Dunn, Jodi & Pete Fox, Joan & Jim Funck, Jim Gable, Jan Getgood, Jonathan Heller, Deuane Hoffman, Steve Hoffman, Tom Johnson, Nancy & Carl Juris, Bob Keener, Ramsay Koury, George Kurie, Sandy Lockerman, Larry Massey, Debbie Millette, Cara Musser, Bill Neubaum, Joan Renninger, Pete Robinson, Linda Rowan, Pat Sabold, Joe Sheldon, Jan Smith-Decker, Tom Smith, Rosemary Spreha, Rick Stevick, Nancy Welsh, Patricia Williams, Bill Youtz, Sally Zaino.

Delaware County

Location: Ridley Creek State Park (RCSP)

Drought conditions lessened toward the end of the quarter, but in April two nights below 30° and two days above 95° made birders wonder what the spring would be like. Considered by many birders to have begun a bit early, this migration had a few

spectacular flights around May 9-11. On all three of those nights in Prospect Park, JM had waves of Veeries, Grey-cheeked and Swainson's Thrushes going over. In the morning, neighborhood lawns had Swainson's Thrushes running around like robins.

Rose Tree Park Hawk Watchers reported three sightings of a Mississippi Kite from 4/16-18. From 4/20-24, they tallied 3,000 Broad-winged Hawks, with 2,097 of them passing over on 4/23. When the count closed in May, new records for Sharp-shinned and Cooper's Hawks had been established.

Purple Martins returned to the Aston colony in April and endured a two night hard freeze which caused some pairs to remove the frozen eggs and re-lay their clutches. Subsequently, nest compartments (with eggs!), porches, and roost rods were wantonly smashed in by baseballs and rocks hurled by thoughtless kids. On-the-spot repairs improved the situation for the birds, but could not inspire respect for life and nature in the kids. In spite of the freeze and the vandalism, most nests were successful and more than 60 birds fledged.

An Olive-sided Flycatcher in John and Sue D'Amico's Upper Providence neighborhood on 5/16 was a treat. Red-breasted Nuthatch lingered at Tyler Arboretum until 5/29 (TR). Several pairs of Cliff Swallows returned to nest under the Gradyville Road bridge.

A Hooded Warbler on 4/20 was an early migrant at RCSP. Lauren Johnson was eating breakfast when she spied a Prothonotary Warbler at Haverford College campus 4/16 (the traditional date for their arrival on NJ breeding grounds). Her mom Sheryl writes, "I went out in hot pursuit...it sang again, showed up again on the birdbath, and spent some time flying around the feeders. It came back later in the morning for more good views." Another Prothonotary was at Chadd's Ford on 5/11 (NP). Mourning Warbler was found on the NAMC 5/11 by NP & AG at RCSP. Black and White & Worm Eating Warblers were found on 6/22 in RCSP, giving credence to their designation as "irregular summer residents" in NP's Birds of Delaware County. Warbler misses this season were Cape May, Golden-winged, Yellow-throated and Cerulean.

A Blue Grosbeak was at JO's Chadds Ford feeder 5/2 and at RCSP on 6/29 (AG). A Pine Siskin made a late stop at JM's feeders on 5/7.

OBSERVERS:: Doris McGovern, 209 Dogwood, Media,

19063, (610) 565-8484, John and Sue D'Amico, Denis Brennan, Skip Conant, Al Guarente, Sheryl Johnson, Jim Lockyer, John Miller, June O'Brien, Edie Parnum, Nick Pulcinella, Tom Reeves, Dave Washabaugh.

#### Elk County

No report.

No compiler

#### Erie County

The rising lake level, approximately 10 inches higher than last spring, was good news for marsh birds as bitterns and rails were more frequently reported this spring. The very wet and cold spring prevented any major migrant fallouts. A brief warm period in mid-April followed by an extended period of cold wet weather was likely responsible for Eastern Bluebird fledgling mortalities throughout Erie County. The only northern finch report of note was the flock of at least 20 White-winged Crossbills and Pine Siskins that remained well into spring at a feeding station in Lake City.

Highlights of the second quarter were: Cattle Egret, Brant, Eurasian Wigeon, Harlequin Duck, Marbled Godwit, Franklin's Gull, Little Gull, and Eurasian Collared-Dove.

OBSERVERS: Jerry McWilliams, 3508 Allegheny Rd, Erie 16508 (814) 868-3059, jerrymcw@aol.com, Ken Anderson, Ben Coulter, Jean & Toby Cunningham, Dave Darney, Dick Farner, Chuck Gehringer, Joyce Hoffmann, Kathy Kolakowski, Ramsay Koury, Linda McWilliams, Randy Neyer, Geoff Robinson, Randy Stringer, Dave Wilton.

#### Fayette County

Locations: Deer Lake (DL), Mill Run Reservoir (MRR), Ohio State Park (OSP)

Some waterfowl were present at DL on 4/13 including 5 Ring-necked Ducks, 1 Ruddy Duck, 3 Hooded Mergansers, and a Red-breasted Merganser (MMC). At DL on 5/18, a female Wood Duck was observed with 9 chicks. Two other chicks were present away from the female (MF, DR).

A Ruffed Grouse was flushed at OSP 5/18 (MF, DR). A rarity in the county, a Sora was a great find at MRR 5/9 (var ob).

Shorebirds observed at MRR included 2 Lesser Yellowlegs 4/13 (MMC), a Solitary Sandpiper and a Least Sandpiper 5/9 (MK, PL, SL, JH, DW), and a

Spotted Sandpiper 5/18 (MF, DR). A good count of 8 Wilson's Snipe were seen at DL 4/13 (MMC). Few terns are reported in Fayette, so 3 Caspian Terns at DL 4/13 (MMC), and 4 Forster's at MRR 5/18 (MF, DR) were nice records.

A nice group of 5 Eastern Kingbirds were seen together at OSP 5/18 (MF, DR). A Philadelphia Vireo was also at OSP 5/18 (MF). At the Route 381 bridge over the Youghiogheny River at OSP, I counted 41 Cliff Swallow and 10 Barn Swallow nests.

Golden-winged Warblers continue to nest at OSP where 26 species were reported this spring, with 21 of those breeding. A Wilson's was seen 5/18 (DR), as well as 2 Blackpoll and a Worm-eating (MF, DR). A Northern Waterthrush was singing at MRR which is uncommon in the county (MF, DR).

A reclaimed strip mine on Grover Road at OSP yielded a singing Grasshopper Sparrow 6/22 (MF). Just outside the park in a farm field, 2 Savannah and a Grasshopper Sparrow were heard 6/22 (MF). This farm field also good for Bobolinks and Eastern Meadowlarks.

OBSERVERS: Mike Fialkovich, 805 Beulah Road, Pittsburgh, 15235 (412) 731-3581, mpfial@sgi.net, Tana Anna Allen, Randi Gerrish, Sarah Gerrish, Amy Lynne Howe, Joyce Hoffmann, Margie Kern, Pat Lynch, Sherron Lynch, Mark McConaughy, Dave Rieger, Sam Sinderson, Dave Wilton.

#### Forest County

Best bird of the quarter was the Glossy Ibis (pending approval of the documentation by PORC) that made an appearance at Buzzard Swamp in time for the North American Migration Count on 5/11 (F&JM).

There were a few Osprey sightings as well as a few reports of Bald Eagle, but there was no confirmation of nesting of either species in the county.

A White-winged Crossbill on 4/2 at a Tionesta feeder was a surprise, as they had not been reported at all in the first quarter. Also at Tionesta, Pine Siskins were found on 5/3 and 5/26, and Evening Grosbeaks lingered until 5/11 with a high of 60 birds on 4/30 (FM).

OBSERVERS: Flo & Jim McGuire, HC1, Box 6A,

Tionesta, 16353 (814) 755-3672, mcguires@penn.com, Margaret Buckwalter, Deb Freed, Lisa Imperiale, Dale Luthringer.

#### Franklin County

No report.

COMPILER: Dale Gearhart, PO Box 155, Shady Grove, 17256, (717) 597-3979, gear@innernet.net.

#### Fulton County

Highlights included 151 species reported for the quarter.

An American Bittern was flushed from the Haines-Seville Marsh drainage spillway area on 4/13 (DS).

Perched on a rock pile at the Big Cove Tannery quarry, 4 Great Blue Herons were noted in very close spatial proximity (which could indicate a possible family unit) and further scoping located at least 7 pairs of Turkey Vultures along the rock cliffs.

Uncommon to Fulton, a Northern Bobwhite was singing on Schultz Road (Union Township) 5/12 (DS). The Fulton NAMC on 5/11 netted 111 species (including Ruddy Duck, Virginia Rail, 6 shorebird species, Gray-cheeked and Swainson's Thrush, and 24 warbler species). An early Northern Waterthrush was located in a Cowans Gap State Park wet thicket 4/19 (DS, BK). A male Blue Grosbeak was singing in Belfast Township 6/13.

OBSERVERS: Dan Snell, PO Box 653, Shippensburg 17257 (717) 532-7708, snell@raskas.com, Bob Keener, Kate St. John.

#### Greene County

While some birds came early, others seemed to leave late. Noted were Red-breasted Nuthatch, Ruby-crowned Kinglet and Pine Siskin into mid-May with White throated and White-crowned Sparrows into late May (5/23 by DP).

Our spring NAMC was well attended by observers as well as by the birds. Of special note were sightings of Loggerhead Shrike (JW) and Prothonotary Warbler (EW). Even the weather cooperated with a great day. RB reports 33 nests at the largest of at least 6 great blue heronries in the county. Thanks to the coal mine's water impoundments and subsidence ponds, it seems we are seeing more waterfowl; many of these ponds have active wood duck boxes.

Unfortunately Summer Tanagers are again very rare in the county and cannot be found at several former nesting sites.

OBSERVERS: Kathy Kern, 322 Kennel Rd, Waynesburg, 15370, n3xssj@alltel.net, Ralph Adams, Paula Bartoletti, Ralph Bell, Terry Dayton, Allen Hill, Deuane Hoffman, Don Pattison, Kathy Reeves, Eric Wachsmuth, Cory Wentzel, Jim West.

#### Huntingdon County

No report.

OBSERVERS: Greg Grove, RR1, Box 483, Petersburg, 16669, (814) 667-2305, gwg2@psu.edu, Nick Bolgiano, Margaret Brittingham, Jim Dunn, Margaret Dunson, David Fox, Ken Gray, Deb Grove, Molly Heath, David Kyler, Trudy Kyler, Mike Lauzone, Scott McConnell, Trish Miller, Tim O'Connell, Dam Ombalski, Paula Shannon, Doug Wentzel, Jay Zook

#### Indiana County

Locations: Smicksburg (SMB), Yellow Creek State Park (YC)

Highlights of the season include a Piping Plover at YC 4/30 and a Blue Grosbeak near SMB 5/11. The plover was a first county record; the grosbeak, a second.

Four Common Loons lingered at YC until 5/28 (GL). Twenty-eight was a good count of Double-crested Cormorants on 5/14 (var. ob.); a single bird in immature plumage lingered at YC through the quarter's end.

An American Bittern rested in the day use area 4/30 (var. ob.), giving the observers excellent views. Three Great Egrets were seen on both 4/12 (MH) and again 5/7 (var. ob.) while 1-2 were listed on five other dates. Early April yielded nice counts of waterfowl at YC, including 18 Wood Ducks 4/16 (MH, RH), 28 Gadwalls 4/2 (var. ob.), 99 American Wigeons 4/6 (LC), 45 Mallards 4/4 (LC), 19 Blue-winged Teal 4/9 (var. ob.), 7 Northern Shovelers 4/12 (MH), 73 Ring-necked Ducks 4/4 (LC), 39 Lesser Scaup 4/2 (MH, et al), and 40 Buffleheads, 52 Red-breasted Mergansers and 52 Ruddy Ducks, the last 3 reports all 4/6 (LC).

One to 2 adult Bald Eagles were reported at YC with last report 5/11 (GL, GSy). A Northern Goshawk 5/11 (TB, WB) at an undisclosed location appeared to be territorial. The Merlin, picked up by a

rehabilitater last quarter, was successfully released. The Merlin wintering near Creekside was last spotted 4/17 (MA). A Virginia Rail was heard calling at YC 5/11 (GL, GSy) while 2 Soras were observed at the edge of the marsh vegetation 5/2 (EF, DL). After a peak number of 427 American Coots this quarter on 4/16 (var. ob.), a singleton was seen 6/11 (MH, SSp), the first post-Atlas June record.

The highlight of the season was a color-banded Piping Plover at YC 4/30 (var. ob.), a first county record, seen by many birders who came that day but not found by those who arrived the next morning. Also present on 4/30 were 1 Black-bellied Plover and 2 Dunlin which were found the following morning. A Ruddy Turnstone flew past the beach on 5/14 (var. ob.) but did not linger. Three Least Sandpipers were noted 5/21 (var. ob.). Hemlock Lake County Park yielded 1 Short-billed Dowitcher 5/11 (MH, RH).

YC's gull maxima included 131 Bonaparte's Gulls on 4/2 (var. ob.) and 116 Ring-billed Gulls 5/14 (var. ob.). A Caspian Tern 6/25 (MH, SSp, LW) was the lone report. Twenty Forster's Terns 5/7 (var. ob.) was the second highest count on record.

A Short-eared Owl was still present near West Lebanon 6/28 (SSp). The first Whip-poor-wills were 3 noted at Dark Hollow 4/16 (DL). A 3-mile drive along Dark Hollow yielded 12 the following evening (MH, RH). Two Red-headed Woodpeckers were reported at Conemaugh Dam 5/5 (MMc) and 5/11 (MF, MK). Other reports included 2 near YC 5/10 (PA) and another individual 5/13 (PS) several miles away but also near YC. A Yellow-bellied Sapsucker near Tanoma 5/11 (TB, WB) was late.

An Olive-sided Flycatcher was spotted near Jacksonville 5/15 (MF). A calling Yellow-bellied Flycatcher was studied at close range for quite a while at YC 5/14 (var. ob.); DL recognized the call note long before the bird was seen. The same bird or another individual (?) was seen 5/21 (var. ob.) several hundred yards from the first sighting. Philadelphia Vireos were noted only 5/11 with singletons at Saltsburg (MAD), Conmaugh Dam (EF, MF), and in West Wheatfield (MS, JT). Two Purple Martins at YC 5/28 (var. ob.) were unusual. The nesting Golden-crowned Kinglets at YC were observed carrying food on 5/28 (EC, et al).

The warbler migration was steady but no fallouts or high numbers occurred. Golden-winged Warbler was noted at only 3 locations. A Brewster's Warbler singing a golden-winged song was found at Blue Spruce County Park 5/11 (RW) and was still present 5/25 (var. ob.). Arrival date of 4/15 (MAD) for both Northern Parula and Yellow Warbler near Saltsburg set new records. This is 10 days earlier than the previous record for Northern Parula, set last year

(LH) and 6 days earlier than the previous Yellow Warbler 4/21/95 (GL) record. A Yellow-throated Warbler appeared in an "in town" yard 4/6 (LH, LiH) in Saltsburg. At least 5 Northern Waterthrushes stopped at YC 5/14 (var. ob.).

Henslow's Sparrows numbers were down at the Gypsy Strips since the best Henslow's field was plowed and planted with "wildflowers." A well-described male Blue Grosbeak was sighted near SMB 5/11 (MM, NS), the second county record. It is interesting that the previous record occurred near Indiana 5/11/96 (CK). Pine Siskins were listed only near Shelocta 4/21,27 (MH, RH) and 5/11 (MC) near Lewisville. Five Evening Grosbeaks flew over the park office at YC 4/30 (LC, DJ), the lone report this year.

OBSERVERS: Margaret & Roger Higbee, 3119 Creekside Road, Indiana, 15701, (724) 354-3493, bcoriole@twd.net, Morris Anderson, Pat Andrascik, Alice Beatty, Dave Beatty, Bronnie Bekker, Fritz Bekker, Tom Betts, William Betts, Jean Bobella, Lee Carnahan, Roger Carnahan, Dorcas Clark, Jessie Cowell, Emma Cowell, Carol Cummins, Marcy Cunkelman, David Dunmire, Mary Ann Dunmire, Gary Ferrence, Betsy Fetterman, Tom Fetterman, Evelyn Fowles, Mike Fowles, Nelson Frew, Shirley Graff, Steve Graff, Carol Guba, Jennie Henry, Len Hess, Linda Hess, Bob Jackman, Carolyn Jackman, Dory Jacobs, Joe Jacobs, Anna Jennings, Pat Johner, Linda Jones, Mark Keppler, Carol Kerr, Rob Koch, Gloria Lamer, Dennis Lauffer, Alicia Linzey, Howard Mandigo, Beth Marshall, Ken Marshall, Gib McLaughlin, Mark McConaughy, Marilyn Moore, Mike Musselman, Marjorie Peterson, John Salvetti, Elaine Settlermaier, Gerry Settlermaier, Nancy Smeltzer, Patrick Snickles, John Somonick, Scott Speedy, Linda Stormer, Rodger Stormer, ark Strittmatter, Georgette Syster, Joe Taylor, John Taylor, Willie Taylor, Carl Trout, Carole Vangrin, Joe Vangrin, Linda Wagner, Katie Walter, Ray Winstead, Jane Wunz, Paul Wunz, Greg Zawrotny, Robin Zawrotny.

Jefferson County

No report.

No compiler

## Juniata County

No report.

COMPILER: Toby Petersheim, RR 2, Box 150, Mifflintown 17059.

## Lackawanna County

Mute Swan - I have related previously about 2 domestic Mute Swans brought to Gravel Pond in 2000, how a wild male came and stole the female from the domestic male, how the wild male left when the 2 domestic swans were brought in for the winter, returning early in 2001 when the domestic swans were returned to the lake; how the wild male killed the domestic male in 2001, and how the wild male and the domestic female raised two young, one of which died of worms in early 2002. At the end of the winter quarter the wild male had driven the other young bird (presumably a male) to the other end of Gravel Pond, away from the female.

The saga continues! In April of this year, the 2nd young from last year left Gravel Pond and went to nearby Ford's Pond where it stayed for a few days and then took off to where, we do not know. That left the wild male and the domestic female which raised 2 young this year. In late May, the wild male was found with a broken wing which dragged in the water. A rehabilitator was not able to help, so the bird was taken to a veterinarian, who, likewise was not able to fix the wing. Instead, the broken wing was amputated and the wild male was returned to Gravel Pond where it still remains with its chosen bride. My thanks to Geary Bell who has related much of this story to me.

OBSERVERS:: No compiler, Observer: Bill Reid.

## Lancaster County

Locations: Middle Creek Wildlife Management Area (MC), Conejohela Flats on the Susquehanna River (CFSR)

Two American Bitterns were at stop one at MC 5/4 (JH), 1 on 5/16 (TH) and 1 on 5/21 (KG, DG). Adding to the bittern theme, a Least Bittern was at CFSR 5/22 (BS) and a single bird reappeared on 6/18 (BS). Brant is unusual in spring, but 1 was seen at CFSR on 4/29 (BS). Virginia Rail was present most of the spring at Woods Edge Ponds near Centerville (var ob).

A high of 24 Black-bellied Plover was recorded at CFSR 5/11 (JB), and 1 American Golden-Plover was present there on 4/24 (BS). I am not aware of any other spring records for this species in the county. Piping Plover was discovered at CFSR on 5/31 and

stayed until 6/1 (BS, var ob.). 68 Short-billed Dowitchers were on the CFSR 5/18 (DHe).

Most out of place sighting goes to the ratty second summer Glaucous Gull that was at CFSR from 5/31-6/1. A close second goes to a road killed King Rail found near the State Police barracks off Route 30 in Lancaster by KL 6/5. An immature Little Gull was at CFSR on 4/29 (BS) & 5/11 (JB). Least Terns were seen several times this spring including one 5/25-26 (JB, BS). On 5/31 a total of 6 adult Least Terns were on the flat, all adults, showing courtship displays: carrying minnows, chasing each other, lots of calling, some bowing and wing drooping while perched on the flats and on tires.

Long-eared Owls stayed to at least 4/7 at MC (JH) and a Northern Saw-whet Owl was calling in the Holtwood area on 4/5 (BS). Dickcissels appeared at MC on 6/22 and as many as 8 birds were seen well into July (RF, var ob).

OBSERVERS: Jonathan Heller, 206 Newcomer Rd, Mount Joy 17552, (717) 653-5541, rheller@paonline.com, Jerry Book, Bruce Carl, Ron Ferry, Tom Garner, Kenneth Grim, Dorothy Grim, Dan Heathcote, Deuane Hoffman, Tom Hopson, Keith Leidich, Randy Miller, Bob Schutsky, Eric Whitmer.

## Lawrence County

At Black Swamp on 5/26, a Glossy Ibis, Wilson's Phalarope, and 2 Marsh Wrens were seen (DL).

OBSERVERS: Randy Stringer, 409 Shady Dr, Grove City 16127, rstringer@gcc.edu, Dennis Lauffer.

## Lebanon County

Location: Memorial Lake (ML), Middle Creek Wildlife Management Area (MC)

The big story this quarter is the 15 early dates for Lebanon. A Pied-billed Grebe at ML on 5/19 set a new late date (RM). A Snowy Egret at ML on 5/10-17 was the second spring record for the county (RM, SW). The last was on 5/11/1954. A Glossy Ibis was flushed at Camp Shand on 4/20. It could not be relocated (SW). Four immature Mute Swans were found on ML on 4/13 (RM, KM). Two American Wigeon on 5/11 at MC were late by 16 days (RM). Four Greater Scaup on 5/11 at MC, and a male at

ML on 5/19 set a new late date (RM). A drake Long-tailed Duck on 6/8 at ML was only the second June record; the last was on 6/11-15/58 (DG, JH, CB). A female Hooded Merganser was seen on 5/18-26 at ML for a new late date (RM).

The draw down at ML made some good habitat for shorebirds. Semipalmated Plovers peaked at 13 on 6/7 for a new high (RK). Five were last seen on 6/8 for a new late date (var. ob.). A Lesser Yellowlegs on 6/7 also was a new late date (SW). A Solitary Sandpiper on 6/8 was a late date by 16 days (SW). A Semipalmated Sandpiper on 6/8 also set a late date (RM); a Least Sandpiper on 6/7 and a White-rumped Sandpiper on 6/8, also set late dates (var. ob.). One Dunlin on 6/7 also set a late date. Fifteen Wilson's Snipe in Upper Lawn on 4/1 set a new high (GB).

A group of 13 Forster's Tern was found at ML on 5/10. Two Barn Owls were found in Palmyra on 4/27 (JL). Another was found in Fontana on 6/24 being attacked by Purple Martins (JHa). A Whip-poor-will on 4/27 near Palmyra set a new early date (JL). Yellow-bellied Flycatchers were seen on 5/10-11 at SGL 145 (RM). Alder Flycatchers (2-3) set up territory on 6/16 on a wet powerline cut between Spring Hill Acres and Camp Shand (SW). One was seen to carry food (JH). On 5/11, 26 Eastern Phoebe and 39 Great-crested Flycatchers set new county highs.

White-eyed Vireo on 4/20 and Warbling Vireo on 4/28 both set new early dates at SGL 145 (RM). Northern Rough-winged Swallow on 4/4 and a Bank Swallow on 4/7 also set early dates (RM).

Fifty-two Veeries were found on 5/11 for a new high. Three Gray-cheeked Thrush were found on 5/25 on SGL 145 (RM). A possible Bicknell's Thrush was seen with the Gray-cheeked Thrush, but it never called (RM). Twenty-nine warbler species were seen this quarter. A Golden-winged Warbler on 5/10 at SGL 145 was a good find (RM). Fourteen Nashville Warblers were found on 5/4 at SGL 145. One or 2 Mourning Warblers were found on SGL 145 5/10-17. A Scarlet Tanager on 4/21 at SGL 145 was early (RM, CB).

A Fox Sparrow stayed at a feeder until 5/11 at Spring Hill Acres (SW). An "Oregon" Junco on 4/6 on SGL 145 was a 3rd county record (RM). Three to 8 Dickcissel were found from 20 June into July at MC. The last record for Lebanon was in July 1956 (SR). 116 Baltimore Orioles were found on 5/11 for a new high (var. ob.). Two Evening Grosbeaks were found on 4/9 at SGL 145 (RM).

OBSERVERS: Randy Miller, 607 Woodland Dr, Mannheim 17545, (717) 664-3778, Chuck Berthoud, Gerry Boltz, Greg Burgdort, Morris Cox, Ali Firoozmand, Joseph Firoozmand, Margaret

Firoozmand, Betty Fisher, Leon Gerberica, Dale Gochenaur, Jeff Hackman, Fritz Heilman, Jonathan Heller, Vivian Johns, Jeanne Kauffman, Ramsey Koury, Ruth Krepps, Jane Light, Richard Light, J.C. Logan, Will Lyons, Kate Miller, Steve Rannels, Bill Seifert, Rosemary Spreha, Bruce Weaver, Susan Wheeler.

#### Lehigh County

A Mississippi Kite was seen over South Mountain near Emmaus on 4/15 (JH).

The North American Migration Count took place on 5/11. Six observers tallied 116 species including 23 species of warblers. Special thanks to Bernie & Pauline Morris, & Grant Stevenson.

OBSERVERS: Jon Levin, 1899 Aster Rd, Macungie 18062, (610) 366-9996, levinjl@apci.com, Bernie Morris, Pauline Morris, Gary Campbell, Karch Campbell, Phil Campbell, Jason Horn, Mike Schall, Jane Ostroski, Tom Ostroski.

#### Luzerne County

Luzerne County birders tallied a record 160 species on the Spring Migration Count held on 5/11. Unusual birds reported were Common Goldeneye, Red-headed Woodpeckers and Prothonotary Warbler. A pair of Red-headed Woodpeckers were found by E&SG in Hobbie and a male Prothonotary Warbler was found by BW at Kirby Park. EJ and BR provided daily reports of waterfowl from Harvey's Lake for the quarter that included Common Loons, Long-tailed Duck, Red-breasted Mergansers, White-winged Scoter and American Coots. A large flock of 86 Brant landed on the topsoil pond at Plymouth Flats on 5/13 (RK). Forster's Terns were seen at Plymouth Flats and Harvey's Lake and a Black Tern was found at Harvey's Lake on 5/18 by JH, JS & RK. This species has not been reported in Luzerne in about thirty years.

BW has been very very busy these days. He now has two families of Peregrine Falcons to monitor. A new pair nested successfully a few miles north of the Wilkes-Barre site in Pittston. Luzerne also can add a new nesting bird to the list. A pair of Bald Eagles nested at the Francis Eastern Walter Dam. Luzerne now has all of the possible raptors of Pennsylvania

nesting in the county.

OBSERVERS: Rick Koval, 305 William St, Plains 18705, (570) 829-4381, unibirder@aol.com, Eileen & Stan Galanty, Jim Hoyson, Edwin Johnson, Bill Reid, Jim Shoemaker, Bob Wasilewski

#### Lycoming County

There was a report of a Eurasian Collared-Dove on Log Run Road, Loyalsock Township on 4/14 (SP), however no documentation was received.

OBSERVERS: Wes Egli, 105 Sherman St, Muncy 17756 (570) 546-3957, Richard Andrus, Ron Beach, Tim Frantz, Bruce Gilbert, Eleanor Kilkoyne, Mike Kuriga, Steve Pinkerton, Fred Stiner, Joe Yoder, Jerry Zeidler.

#### McKean County

It was interesting getting to know (starting to get to know) McKean. The area abounds in birdlife and habitats. I feel alone up here, so if anyone birds this area, let me know what you find and where you find it.

A few unusual birds and some rare birds were found this quarter. The Eldred Swamp area, including Bullis Mills Swamp, produced Sedge Wrens. An individual bird was seen in the Eldred Swamp, and DW, DF, and myself heard at least 3 in the Bullis Mills Swamp.

The Bullis Mills Swamp also produced some rails, including a possible King Rail.

The Allegheny National Forest has some good warbler fallouts early in May. Yellow-bellied Flycatchers were found late in the quarter in the Eldred Swamp—a nice stand of Balsam Fir, Hemlock, and deciduous tree/shrub swamp—along with a molting male Yellow-rumped Warbler, and a not so common Red-bellied Woodpecker.

OBSERVERS: John Fedak, 26 Race Street, Bradford 16701, jfedak@charter.net, Chad Atwood, John Dzemyan, Devich Farbotnik, Lisa Fedak, Len Grosher, Scott Lyon, Bob Morelli, Tom Raught, Dave Wilton

#### Mercer County

Spring arrival dates were generally early, likely due to a very warm April.

Two Sandhill Cranes were seen 5/8 at Willow Pond (HB)—part of the Mercer/Lawrence complex, no doubt. At SGL 284 (Pensy Swamp) 2 or 3 Sora, and a Common Moorhen were found 6/1 (DY).

Birds of note, not often recorded (all Troyer/Byler Family) were: Black-crowned Night-Heron 4/12 at Lake Wilhelm, Northern Goshawk 4/6 at Mercer, Merlin 4/20 at Williamson Road, 2 Short-billed Dowitcher 5/14 at Williamson Road, Yellow-bellied Flycatcher 5/15 at Skunk Run Road, up to 8 Red-headed Woodpecker all quarter, and 1 Yellow-bellied Sapsucker 5/15, both at SGL 130, and Philadelphia Vireo 5/9 near New Hamburg. An Alder Flycatcher was at SGL 284 (Pensy Swamp) 6/10 (DY).

Due largely to the efforts of the Troyer/Byler Family, 31 species of warblers were observed, making it seem like the 1970's again. Outstanding were Golden-winged 5/5 at SGL 294, 4 Cerulean 5/11 at Skunk Run Road, Worm-eating 5/11 at Creek Road (HB), a female Connecticut 5/9 at NH, and Yellow-breasted Chat, which claimed the same territory at Shenango River Reservoir as last year, arriving 5/20.

A late (7/7) BBS at SGL 130 indicates that Yellow-bellied Sapsucker, Pied-billed Grebe, Hermit Thrush, and Dark-eyed Junco, among others, may indeed be breeding there (Troyer/Byler Family).

One White-crowned Sparrow lingered at a feeder at Shenango River Reservoir 5/9-19.

OBSERVERS: Marty McKay, 841 East Lake Rd, Transfer 16154, Harriet Bauer, Edward Byler, Marvin Byler, Owen Byler, Harvey Troyer, Jerry Troyer, Melvin Troyer, Neil Troyer, Debbie Yovanovich.

#### Mifflin County

Ruby-throated Hummingbirds arrived a few days earlier than last season. They had juveniles visiting the feeders by the end of June.

The Carolina Wren pair that snuggled in the half gallon crock all winter fledged 6 healthy young. It was a 3 hour lesson in nature to observe the 6 young leave the nest which was located on top of the shelving unit in the corner of the porch. It was an interesting event. The first juvenile fluttered out and did several tumbles and came to rest on the edge of the porch. The next one didn't make a proper landing on the partly closed glass door handle. It attempted to feed at the feeders in the yard at noon the next day. Its feet didn't hold it in an upright position, and it swung upside down for awhile. After several tries, the little juvenile got upright and took

a good look at the surrounding options, and then made it to the pine branches. Next, as the third juvenile came out of the nest, the parents appeared on the scene. I thought they would feed the juveniles, however they just kept flying to the porch and called loudly. They successfully directed all 6 of the juveniles to a big brush pile by the woods. It had become very dark and that was the last that I saw of the 8 Carolina Wrens until 2 days later when the pair came to the porch again. They are nesting again.

White-crowned and White-throated Sparrows, Juncos, and several Pine Siskins were at feeders or feeding on the ground with Mourning Doves, Cardinals and finches well into May.

OBSERVERS:: Margaret Kenepp 590 Mt. Lane, McVeytown 17051, (717) 899-6252, observer list not submitted.

#### Monroe County

Locations: Delaware Water Gap National Recreation Area (DWGNRA), Monroe County Environmental Education Center (MCEEC).

Average temperatures and rainfall marked the quarter interrupted by a 5-day heat wave in mid-April. By far the highlight of the quarter was the exciting discovery of a nesting pair of Bald Eagles in the county.

An American Bittern was a good find along Cranberry Creek in the Nature Conservancy's Tannersville Bog Preserve 4/11 (RS). Darryl Speicher's coverage of Monroe County produced 103 species for the North American migration count 5/11 which included an adult Black-crowned Night Heron on Bushkill Creek. The swamp at Delaware Water Gap National Recreation area headquarters near Bushkill held 2 female Hooded Mergansers 5/7 (BH), a possible breeding location for this species.

In Street and Wiltraut's Birds of the Pocono Mountains 1986 - 1996, the authors predicted in reference to Bald eagles, "... a Monroe County nest should certainly be discovered in the near future." Indeed, the future is now. On 6/24 the MCEEC received a phone call reporting Bald Eagle activity and a possible nest near the Brodhead Creek. Follow-up work by MCEEC's DS verified the nest, situated in a white pine tree on private property and holding one eaglet. This is the first confirmed Bald eagle nest in Monroe in recent history. The landowner is very supportive of the need to protect the area from disturbance and from disclosing the nest location. By quarter's end the young eagle had not yet fledged.

Another raptor report included a Northern Harrier in the Long Pong area on 6/25 (EP), a known

breeding location. A Whip-poor-will was calling at Grass Lake near Long Pond 5/8 (BC) and the first Ruby-throated Hummingbird reported was near Stroudsburg 4/30 (A. Evans). Pileated Woodpeckers nested in a snag along a forest trail leading into the Tannersville Bog and feeding of young was observed 6/8 (BH).

A singing Alder Flycatcher was in the Tannersville Bog 6/5 (BH), and near this same location, a Blue-headed Vireo nest in a hemlock tree fledged 3 young 6/18 (BH). Purple Martins again occupied the Crystal Street house near the railroad tracks in East Stroudsburg 5/13 (BH). DS found about 20 active Cliff Swallow nests 6/3 on the fieldhouse at the Stroudsburg high school stadium, and the Red-breasted Nuthatches that visited the MCEEC feeders the entire winter were last seen 4/26 (BH).

A Golden-winged Warbler was on territory 5/6 in the Tannersville Bog and continued into June (DS, BH). An Ovenbird nest with 4 eggs was discovered 5/23 next to the same Tannersville Bog trail that had the Pileated Woodpecker nest; the Ovenbird eggs hatched 6/4 (DS, BH). At DWGNRA's Smithfield Beach a Wilson's Warbler was found 5/7 (BH). Savannah and White-throated Sparrows were reported by EP in the Long Pond area 6/25. A single Orchard Oriole and multiple Baltimore Orioles were recorded at Smithfield Beach 5/7 (BH), a dependable location for both species.

The only Purple Finch report was a flock of 6 at MCEEC feeders 5/1 (BH). The wintering Pine Siskin flock at MCEEC feeders departed the first week in April (BH), and a flock of up to 12 Evening Grosbeaks made visits to a Blakeslee feeder during April (BC).

OBSERVERS: Brian Hardiman, 8050 Running Valley Rd, Stroudsburg, 18360 (717) 629-3061, fax 629-3063, Bud Cook, Agnes Evans, Brent Fritz, Edie Parnum, Roger Spotts, Darryl Speicher.

#### Montgomery County

Locations: Green Lane Reservoir (GLR), Unami Creek Valley (UCV)

The second quarter was overall a fairly good one. Our biggest bird news was the confirmed nesting of Great Blue Heron and Bald Eagle in western Montgomery.

For the second spring in a row, Common Loons were

scarce due to the absence of severe weather (var ob). A Red-necked Grebe at Walt Road, GLR on 4/15 was a nice find (GAF). Double-crested Cormorants reached a record-high count of 101 at Walt Road after a storm 5/13 (KC).

Wading birds had a nice showing, including the "discovery" of a Great Blue Heron colony in New Hanover Township. A late April visit revealed some 37 nests, at least 25 of which were occupied (KC, WV, RM). The colony has been known to a few local residents for at least 13 years, but these folks apparently know how to keep a secret! Sadly, this colony is in danger of being displaced by extensive development in the near future. Other waders of note included an American Bittern in the UCV 5/1, a Great Egret at Church Road, GLR in mid-June, and an immature Black-crowned Night Heron at Church Road in late May (all GAF).

Waterfowl were also well represented with 17 species reported. The best bird among these was a White-winged Scoter at Walt Road, GLR 4/22 (KC, GAF). Nine Ruddy Ducks were at Walt Road, GLR on the unlikely date of 6/29 (GAF).

The season's biggest story was that of nesting Bald Eagle near Knight Road, GLR. An egg (or eggs) hatched in mid-March and the adult birds were busy feeding the young for the next three weeks. All appeared to be going smoothly until 4/12, when adult visits to the nest became infrequent. Prolonged absence by both adults during cool rainy evenings was especially troubling to nest monitors. Within several days, the adults stopped coming altogether, leading us to believe that the chick had died. Birders noted Great Blue Heron, Red-tailed Hawk and American Crow visiting the nest in the following week, ending any speculation about the outcome of this nesting attempt. We hope this first year failure will be followed by a successful attempt next year (var. ob.). Other raptor reports included a Northern Harrier at GLR 4/5 (GAF, KC), and a Red-shouldered Hawk at Delaware Valley College 5/8 (AM).

A pair of American Coot were at Walt Rd, GLR on the unusual date 6/27 (GAF). High waters at Church Road kept any unusual shorebirds away. Terns at GLR included 2 Caspian 5/3 (GAF), 2 Forster's 4/29 (GAF, KC), and a Black 5/13 (KC).

After a lengthy absence there, a Barred Owl was heard in the UCV 4/24 (KC).

The Red-headed Woodpecker irruption reported last quarter continued into the period, albeit on a smaller scale. The Upper Perkiomen Valley Park and Walt Road birds were last seen 5/1 and 5/4 respectively, both late departure dates for western Montgomery (KC, GAF). More incredible was a bird at the Meng

Sanctuary 6/24! (ACG).

Olive-sided Flycatchers were near Upper Perkiomen Valley Park 5/24 (RG) and UCV 5/26-27 (KC, AC, JG). Least Flycatchers were cooperative at Haverford College 5/15-17 (SJ).

Several observers noted the near-absence of Purple Martins away from a known breeding colony in Franconia Township (GAF, var ob). Breeding Bank Swallows were discovered on the Perkiomen Creek at Collegeville (TR). Red-breasted Nuthatch lingered in the UCV until 4/24 (AJM).

Gray-cheeked Thrush reports came from opposite ends of the county with one at Upper Perkiomen Valley Park 5/20 (SG) and another from Haverford College 5/27 (SJ). A very late Swainson's Thrush was at Valley Forge National Park 6/1 (LT, MH).

Warbler variety was very good, with 31 species and 1 hybrid reported. Numbers of individuals, however, were again low. A "Brewster's" Warbler was in the UCV 5/20 and again 6/22 (KC, GAF). Other highlights included Yellow-throated Warbler in the UCV 4/10 + (var ob), Prothonotary at Haverford College 4/16 (SJ) and Valley Forge 6/1 (BJE), and a Cape May at Valley Forge Park 5/15 (SG). Kentucky and Hooded Warblers were both likely breeders in the UCV (AJM, GAF). Up to 3 Yellow-breasted Chat were along powerline cuts in the UCV (KC, et al).

The Mirabellas had some nice sparrows including Savannah at Gwynedd Preserve 4/18, and Lincoln's at Delaware Valley College 5/8 (AJM). A White-crowned Sparrow lingered at a feeder near GLR until 5/11 (GAF), and a Dark-eyed Junco was very late at Valley Forge Park 6/1 (LT, MH). One of our strangest birds for the quarter was a White-throated Sparrow X Dark-eyed Junco hybrid in Lansdale 4/8. The bird was banded and photographed in the hand. (HSV, photo).

Our only Rusty Blackbird report was of one bird in the UCV 4/4 (AJM). Orchard Oriole returned to their favorite haunts including GLR, GP, HC and UPV (var. ob.).

Purple Finch lingered until 5/8 at Delaware Valley College (AJM) and 6/1 at Valley Forge Park (BM, MP). Another lingering "winter finch" was Pine Siskin, with 3 in the UCV 4/10 and one at Haverford College 4/30 (SJ).

OBSERVERS: Kevin Crilly, PO Box 100,

Sumneytown, 18084, (215) 234-6867, great-gray@att.net, Andrew Curtis, Bob & Jenny Elmer, George Franchois, Joe Gread, Ron Grubb, Steve Grunwald, Alan & Carol Gehret, Mike Harrell, Sheryl Johnson, John Kleinschmidt, Richard Mealstay, Bob Murray, Augie & Judy Mirabella, Mike Perez, Tom Reeves, Lisa Tull, William Vroman, Herb & Shirley Volker.

#### Montour County

Highlights for this quarter include two species found breeding within the county. WL discovered breeding Red-headed Woodpeckers in Limestone Township in a row of older maples along the edge of a farm. Also discovered this quarter were a pair of Long-eared Owls with three fledglings. Although an established winter roost of Long-eared Owls has been verified for several years now by observers, this might be the first documentation of nesting Long-eared Owls within the county.

OBSERVERS: Jon Beam, Montour Preserve, 700 Preserve Rd, Danville 17821, (570) 437-3131, preserve@papl.com, Frank Bonano, Wayne Laubscher.

#### Northampton County

Locations: East Bangor Dam (EBD), Minsi Lake (ML), Monacacy Nature Center (MNC)

There were 186 species reported during the quarter. A storm on 4/14 produced a large fallout of waterfowl the next day at ML and EBD. An immature (second year) Red-throated Loon was at ML from 5/13-15 (AM, MS, SL). There were 8 Horned Grebes at ML and 3 more at EBD on 4/15 (MS). An American Bittern was seen at ML on 5/17 (SL). Great Egret were found at 3 locations the latter half of April. Waterfowl from the big fallout on 4/15 included Scaup species (26 at ML and 12 at EBD), 2 Long-tailed Ducks at ML, 429 Buffleheads at ML plus 36 at EBD, and 153 Ruddy Ducks at ML and 71 more at EBD (MS).

There were 6 sightings of Mississippi Kites in Williams Township between 4/19 & 6/19 (AK, MS), and 1 sighting in Bethlehem on 4/22. A Northern Goshawk was seen at Smith Gap on 5/25. On 5/14 there were 2 Dunlin at ML (AM). In addition to waterfowl on 4/15, there were 21 Bonaparte's Gulls at ML and 2 at the Martins Creek flyash basin (MS). An adult Great Black-backed Gull was on the Delaware River at Portland on 5/20 (MS). A Black Tern made a brief appearance at the Chain Dam in Easton on 5/3. At Little Gap a dead Northern Saw-whet Owl was found on the road on 4/18 (BS). The season's first Whip-poor-will was heard at Little Gap

on 4/24 (BS). An Olive-sided Flycatcher was at MNC on 5/14 (KS) and Yellow-bellied Flycatchers were at Smith Gap (5/16) and at Jacobsburg State Park (5/18). There was a Northern Shrike along RT512 North of Bath on 4/11 (AM).

During the quarter, 30 species of warblers were observed. An early Yellow-throated Warbler was seen at the Bethlehem Boat Club on 4/13. Mourning Warblers were found at MNC on 5/15 (LF) and at the Smith Gap game lands parking area on 5/25. A Blue Grosbeak was seen in Williams Township on 6/16 and 6/19 (AK). Also in Williams Township, a male Baltimore Oriole was observed feeding Orchard Oriole young (AK).

OBSERVERS: Michael Schall, 1149 Mickley Ave, Whitehall 18052, (610) 435-2781, mdtjschall@yahoo.com, Linda Freedman, Arlene Koch, Sherri Labar, Adam Miller, Kathy Sieminski, Brad Silfies.

#### Northumberland County

No report.

No compiler

#### Perry County

A very quiet quarter this year. The usual migrants and expected breeders showed up without much excitement. The only report of note for the quarter was the fly-by Sandhill Crane seen flying west in Fishing Creek Valley, approximately 3 miles west of Marysville on 4/4 (CB). This is only the fourth county record.

OBSERVERS: Deuane Hoffman, 3406 Montour St, Harrisburg 17111 (717) 564-7475, raven@paonline.com, Chuck Berthoud.

#### Philadelphia County

Locations: John Heinz National Wildlife Refuge (JHNWR) at Tinicum (TI), Schuylkill Center for Environmental Education (SCEE)

Spring rains relieved the drought slightly, but more than a few showers will be needed to end the extreme dry conditions. April set record temperatures in the mid 90's making birders wonder what the migration

would bring. Excellent flights were reported in early May and overall it was considered to be a good migration.

A May record was set when KR found an immature male White-winged Crossbill on 5/26 "freshly dead under a Hemlock" in Mt. Airy. Keith writes, "There have been no records for Philadelphia after mid-March, or before mid-October, except for a single bird reported in July 1972 in Chestnut Hill!"

On 5/17 as MS "eyed the ponds [in the SW Sewage Treatment Facility] visible from the Island Avenue exit of I-95...in the over-hanging vegetation were two Gadwall." A return trip on 6/13 did not show them to be breeding, something that has not been reported in the state since 1964.

Good sightings at JHNWR at TI were American Bittern as expected in April, and on 6/6 by NC. A Little Blue Heron was seen on 4/17, and Pied-billed Grebe were in the impoundment 6/22 as R&MM rowed to swallow nest boxes to band more than 900 Tree Swallow hatchlings. The usual 5-6 Least Bittern nests were not located this year, but two birds called frequently and young were seen. MF found the first Black Tern on 5/5; DB saw three on 5/18, and the Millers saw others on 6/2. A dead Virginia Rail was found in Roxborough 4/17 by CH's daughter, but live birds were seen at TI 4/28, 5/19 (SC, GG). A record for the refuge was a Pileated Woodpecker who was found 5/11 and spent a few weeks feeding on trees along the Haul Road (DB).

Apparently, Peregrine Falcons did not nest in center city this year, but they were successful on the local bridges. MS reports that, "four chicks fledged from the Betsy Ross, but one was killed on the roadway. Three of 4 chicks fledged from the Girard Point, and the nest on the Walt Whitman had already fledged. It's suspected that the nest on the Ben Franklin failed this year."

Broad-winged Hawks were observed from the SCEE 4/16-4/22 by BO and fellow birders, and hundreds of the 1000+ Broad-wingeds passing Militia Hill Hawk Watch on 4/23 slipped into Philly territory.

At Spring Lane CH saw a Black-billed Cuckoo on 5/11 and DM found one at TI on 5/25 along with an Olive-sided Flycatcher. Willow Flycatcher is a new breeder at SCEE. An extremely late Yellow-bellied Sapsucker was found on the 6/12 breeding census of the Pennypack Creek. The best find on the TI NAMC was a Red-breasted Nuthatch. Three Blue-gray Gnatcatcher challenged the early arrival date for the species on 4/6 at TI (DM, DB).

Thirty-three species of warblers were reported. KR noted "good numbers" of Chestnut-sided warblers as a promising sign since few if any nest in the city.

Yellow-throated were back for the 3rd year in the Upper Wissahickon at Harper's Meadow and an early migrant was seen at TI by CM and family on 4/7. A Cerulean was in Carpenter's Woods on 5/9 (RP) and on the Pennypack breeding census 6/19. GG was determined to get a Mourning Warbler and hunted Darby Creek until he found one in Morris Park on 5/27. He found another at TI on 6/2, but he could have just strolled past City Hall where KS watched one "flycatching from a bush" on 5/31.

Excavation for the new Environmental Education Center at JHNWR and the disturbance of the 1999 oil spill produced new habitat for Blue Grosbeak which were seen throughout the quarter. No nest was located. The dependable pair at the Philadelphia Airport were not found. MS found a female Blue Grosbeak which had been dead for several days in the South St. area on 4/10.

A Lincoln's Sparrow was at Dilworth Plaza 5/19 (MS) and at JHNWR on 5/27.

OBSERVERS: Doris McGovern, 209 Dogwood, Media 1 9 0 6 3 , ( 6 1 0 ) 5 6 5 - 8 4 8 4 , mcgovern2@masca.museum.upenn.edu, Denis Brennan, Skip Conant, Ned Connolly, Mike Ferguson, Gregg Gorton, Chuck Hetzel, Steve Lawrence, Chuck Lyman, Jim McKinney, John Miller, Marlene Miller, Ray Miller, Charles Muntean, Brian Olsen, Edie Parnum, Ruth Pfeiffer, Nick Pulcinella, Tom Reeves, Keith Russell, Matt Sharp, Sandy Sherman, Kate Somerville, Frank Windfelder.

#### Pike County

No report.

No compiler

#### Potter County

A Whooper Swan arrived on Galeton Lake 4/21. Betty and Mary Devling identified it that day and kept track of it through June 30. The origin of the swan is still in question.

A Black Vulture was sighted 4/12 by MH at the end of the Sunken Branch Road.

A Blue Grosbeak visited Tom Leete's feeders 5/7.

OBSERVERS: David Hauber, RR2, Box 153, Coudersport 16915, (814) 274-8946, haubers3@penn.com, Chris Bauman, Betty Devling,

Mary Devling, Maxine Harrison, David Hauber, Larry Hirst, Tom Leete, Jack Mitterer, Helene Nawrocki, Kirk Newton, Deb Siefkin.

#### Schuylkill County

Location: Landingville Dam & Marsh (LVD)

American Bittern continued its stretch of spring appearances at LVD in 2002. It was seen at the dam on a number days from 4/6 (DR, CM) through 5/13 (TC). On some days, this location held at least 2 bitterns. This species was also present at Swatara State Park on 4/12 and 4/19 (BJ, DK). One individual was seen in the Ringtown area 5/11 (MG). Great Egret was seen at Sweet Arrow Lake 5/13 (DD) and LVD 5/14 (S WY). Two Snowy Egrets showed up in the Ringtown area 5/11 (MG). An American Wigeon was at LVD 4/10 (MW). Nice waterbird sightings at Sweet Arrow Lake were Canvasback 4/1 (DD) and Common Goldeneye 4/15 (DD).

Bald Eagle was the highlight of spring in the county, being seen throughout the quarter at LVD. On a handful of occasions, 2 adult eagles were seen together. One would often be perched on the osprey platform along the shoreline of the dam. The eagles were seen by many observers. Sightings also came from the Port Clinton and Adamsdale areas, probably the same birds. A Golden Eagle flew past the north lookout at Hawk Mountain Sanctuary on 4/21 (RK). Northern Goshawk was seen at Hidden Valley on 4/30 (AML). Our rarest sighting of the quarter was that of a pair of Mississippi Kites along the Kittatinny Ridge in the southeast corner of the county 5/11 (DW). These were the 3rd & 4th records of this species in Schuylkill. A Merlin was at Lebanon Reservoir on 4/28 (DK).

Single Bonaparte's Gulls were at LVD 4/2 (TC) and Lebanon Reservoir 4/24 (MW). A species that has become increasingly rare in the county, only 1 Black-billed Cuckoo was reported for the entire quarter. It was nice to have 2 Northern Saw-whet Owl observations: one at Owl Creek Reservoir Area 4/13 (BC), and another at Lebanon Reservoir 5/11 (TC). A handful of Whip-poor-wills were recorded at a few locations, including their reliable spot along the 2nd Mountain near Hidden Valley (AML). Olive-sided Flycatcher records came from Owl Creek Reservoir Area 5/11 (BJ, DK), SGL-229 Tremont 5/15 (MW), SGL 110 Port Clinton 5/16 (MW, EG, KG) and another here on 5/25 (BCa). A Yellow-bellied Flycatcher was seen at SGL 110 Port Clinton 5/16 (MW, DK). Alder Flycatcher had a good spring with at least 8 migrants being seen at 6 different locations from 5/25- 6/30.

For the second consecutive year, Common Ravens were observed to nest successfully in the county (RH).

As with last year, breeding season Cliff Swallows were found at Hidden Valley (AML). A great find at LVD was Marsh Wren on 5/11 (OR, CM) and 5/13 (TC). Over a half dozen Swainson's Thrush records came from some of our gamelands areas. A few American Pipits were seen in the Pitman area until 5/15 (MW). Golden-winged Warbler sightings dropped off dramatically at SGL 229 Tremont. There was only one individual seen here this spring 5/25 (BCa); whereas recent years had at least a few territories of Golden-wingeds. Another site, SGL 110 Port Clinton, that had a single territory from 1998-2001, produced no Golden-winged records this year. This species did have a likely territory at SGL 286 near Schuylkill Haven. A Lawrence's Warbler was seen at SGL 229 Tremont 5/11 (PB).

Two Lincoln's Sparrows were a good spring find at SGL 106 Dreherstown 5/11 (KM). Not reported at all previously in 2002, White-crowned Sparrows made a small showing during the first week of May at a few areas (AML, JD, WM). There were no major numbers of winter finches seen in the 2nd quarter, but a rather late Pine Siskin was seen in the New Ringgold area on 6/2 (DW).

OBSERVERS: Dave Krueel, 540 Pine Street, Pottsville 17901, (570) 622-1184, accip@pottsville.infi.net Barb Allerton, Dave Barber, Patti Barber, Bruce Carl, Brian Clauser, Tom Clauser, Viv Connor, Joe DeBalko, Denise Donmoyer, Marilyn Gamble, Laurie Goodrich, Ellen Grim, Kerry Grim, Barb Jucker, Dan Knarr, Ann Marie Liebner, Claire McDonald, William Malarkey, Kyle McCarty, Mark Miller, Dave Rieger, Mike Ward, Scott Weidensaul, Sally Weisacosky(SWy), Doug Wood.

#### Snyder County

No report.

COMPILER: Cindy Davis, 40 S. Second St. Apt 2, Lewisburg 17837, (717) 570-0785.

#### Somerset County

A late spring deep freeze May 19 - 21 killed much emerging vegetation and had many tree top dwellers such as Scarlet Tanagers and migrant Tennessee Warblers foraging on the ground.

Probable breeding Northern Harriers were more common than normal throughout the season. The

Berlin area had an explosion of Northern Bobwhites including at least one brood from local stocking by a hunt club. A good shorebird spring brought 15 species including highs of 3 White-rumped Sandpiper 5 Black-bellied Plover 16 Short-billed Dowitchers and at least 3 breeding sites of Upland Sandpiper.

Red-headed Woodpeckers bred, hanging on with one pair apparently feeding young near Berlin. A silent 6/9 Olive-sided Flycatcher was a nice find.

Additional observers would be appreciated.

OBSERVERS: Jeff Payne, Anthony Marich, Laurette Payne.

#### Sullivan County

No report.

No compiler

#### Susquehanna County

I recorded 106 species in the county during the second Quarter. Most of these were on 6/14, 6/28, or on short visits during April and May.

On 6/14 I attempted to do the Rush Breeding Bird Survey. The weatherman spoke of a few scattered showers that would end at about 9 a.m. It didn't start raining until stop #3, and then it continued all morning. I stopped several times to wait, once as long as 30 minutes. I also ran into a car which had turned on its side in a very rural area and had to stop to help the driver. I finished the count at 12:19, so I did it again on 6/28 when I found 72 species on the BBS and 78 in the county.

One interesting record on 6/14 was an Acadian Flycatcher constantly calling at a stop near Friendsville while I was waiting for the rain to slow down. Susquehanna is the only county in the state where it was not recorded on the Atlas, and this was my first record in the county. Unfortunately, it was not calling on 6/28.

There were 2 interesting records on 6/28. One was the recording of 10 Yellow-bellied Sapsuckers on the BBS – especially considering that there were only 5 other woodpeckers on the count: 2 Downy, 1 Northern Flicker, and 2 Pileated. The other interesting-and encouraging-record on 6/28 was finding a total of 17 Field Sparrows--following several years when there were only 1 or 2 records a year. I have done over 100 BBSs through the years, and this was the highest total I have ever had for Field Sparrows, as well as for sapsuckers.

OBSERVERS: Bill Reid, 73 W. Ross St., Wilkes-Barre 18702, (570) 836-2734.

#### Tioga County

On 6/8 I (RMR) began playing Dan Brauning's marsh birds tape at The Muck (IBA #27) at 0700, once though. After listening for a response for 15 min I moved to a second location 250 meters away and repeated. Immediately after the recording stopped a Least Bittern starting responding with the same unmistakable vocalization. Between 0735 and 0750 it gave 50 typical calls from a cattail thick completely surrounded by open (1-5m) water. Other marsh bird vocalizations that I did not recognize (not on Brauning's or other tapes I have), possibly adult-young exchanges, were also heard.

There's more bad news on the Bald Eagle front at Cowanesque Lake near Lawrenceville. The nest which was newly built to replace the nest that blew out of its tree last January has also fallen from the new tree. It seems that all the rain made the nest too heavy. The main support branch for the nest appears to have been ripped right out of the tree. It is still hanging, straight down below the former nest location. It is being held in this position by the tree bark. This occurred either last Friday or Saturday, before the latest snowfall. The nest failed two weeks earlier as the result of harassment by an immature Bald Eagle who kept the parents off the nest enough to addle the eggs or stress the newly hatched chicks. This harassment occurred on or about the predicted hatch date. Let's hope they manage to rebuild, and pick a better tree (JH).

A Surf Scoter was seen on Lake Nessmuck 5/4-5 (PK). A Whip-poor-will was seen on Emmick Road 5/9 (PK).

OBSERVERS: Robert M. Ross, 97 State Rte 287 N, Wellsboro 16901, (570) 376-5394, rossr@usgs.gov, Joe & Becky Barnes, Alan Gregory, Steve Hoffman, Jeff Holbrook, Ben Israel, Phil Krajewski, Bruce Lannius.

#### Union County

No report.

COMPILER: Wayne Laubscher, RR2, Box 153, Lock Haven 17745, (570) 748-7511, [wlaubsch@cub.kcnet.org](mailto:wlaubsch@cub.kcnet.org)

## Venango County

Overall the quarter was a slow one. The migrant variety was average, but the numbers were very low. Some birds were early, others later than usual. After a mild winter, the spring rains began to alleviate the drought of the past two years, but by mid-June rain was once again scarce. An Eared Grebe, found at Kahle Lake on 4/11 (GE, RS) in winter plumage, remained through 5/2, enabling us to watch it begin to acquire breeding plumage.

Ducks and waterbirds, after a great fallout in the 1st quarter, were typical of this period with low numbers and few species at one time.

Eleven species of shorebirds were found, while not any comparison with the better shorebird spots, still respectable considering our lack of open mudflats.

Ring-billed Gull was present in some numbers until mid-June. More usual would have been 1 or 2 individuals, rather than the 50 or so being seen.

Whip-poor-will were heard at Van on 5/11 and not again all season. Two years ago there were at least 21 singing individuals along this stretch of road. Common Nighthawk were rare. Normally in Oil City they could be heard or seen on any given night, this year there are 3 or 4 sightings of individuals for the whole quarter. Has anyone else seen this drastic decrease?

Red-headed Woodpecker had 2 records for the quarter, one record every other year is more typical. Yellow-bellied Sapsucker had a banner year, with many nesting reports and sighting reports.

Alder Flycatcher and Eastern Wood-Pewee both were in low numbers.

Once again, no Purple Martin reports for the county. Bank Swallow colonies were way down in numbers from previous years--35 nests where there were 300 two years ago.

Wood Thrush, Veery and Hermit Thrush were all in good numbers during the quarter. Warbler numbers were disappointing. Only 29 species were reported, absent were Blackpoll and Cape May. Numbers generally were 1 or 2 individuals. No real fallouts this spring. In spite of much development at the Barkeyville Grasslands, Henslow's Sparrows were still relatively easy to find, though their numbers are down. Grasshopper Sparrows at the same location, however were not common. Expect this stronghold for these birds to be gone in a few years.

Orchard Oriole once again bred at Clintonville Fields, with there being two pairs this year.

OBSERVERS: Gary Edwards, RR1, Box 494, Seneca

16346, (814) 676-3011, gedwards@csonline.net; Russ States, 24 E 5<sup>th</sup> St, Oil City 16301, (814) 676-6320, russs@csonline.net, Nancy Baker, Dave Edwards, Joyce Fleming, Kathy Goodblood, Dick Krear, Mike Leahy, Jerry Stanley.

## Warren County

A Red-necked Grebe was at Akeley Swamp 4/6 (CP).

Two small Great Blue Heron colonies near Akeley and Tidioute have been abandoned (TG). A Black-crowned Night Heron was along the Allegheny River at Starbrick 5/5-7 (JS). Mute Swans nested again at Starbrick, and the only cygnet seen was found dead 5/13 (CP).

Two broods of Hooded Mergansers were raised at the Newbold Estate near Irvine (TG). An Osprey was at Akeley Swamp 4/26, and a Northern Harrier was there 4/3 (CP). A pair of Northern Goshawks nested along an Allegheny National Forest hiking trail (DW). A Common Moorhen was at Akeley Swamp 5/27 (CP).

Seven Bonaparte's Gulls stopped at Starbrick 3/31 (C&MN). There were 2 Black Terns at Akeley Swamp 5/16 (JF). Eastern Screech Owls with 3 young, 1 adult a red phase, were in the Buckaloons Recreation Area 6/9 (PY, BH).

Red-bellied Woodpeckers dug a cavity in a maple on the east edge of Warren that was taken over by Northern Flickers. The Red-bellies stayed in the area (TG). Cliff Swallows have 200-300 nests annually on Kinzua Dam.

A White-eyed Vireo was at the Newbold Estate 6/9 (PY, BH), and a Yellow-throated Warbler at the Buckaloons Recreation Area on 6/9 (PY, BH).

Vesper Sparrows are rarely seen here, but there were 2 along Martin Road in Akeley 4/3, and 6 on 4/6 (CP). An immature male Orchard Oriole was at Starbrick 5/16 (JS).

OBSERVERS: Ted Grisez, 10 Belmont Dr, Warren 16365, (814) 723-9464, John Fedak, Barbera Henderson, Chuck & Marjorie Neel, Chase Putnam, John Schultz, Don Watts, Peter Yoerg.

## Washington County

No report.

No compiler

## Wayne County

No report.

No compiler

## Westmoreland County

Location: Powdermill Nature Reserve (PNR).

A Double-crested Cormorant at Beaver Run Reservoir 6/2 (MM) was late for Westmoreland Co. The only report of American Bittern was from PNR 4/10 (RM, AL), where 2 Yellow-crowned Night-Herons were later spotted by Brian Jones 5/5. A Ruddy Duck was a late find at Crabtree 5/11 (MM).

A sign of the early spring, 3 early Broad-winged Hawks were over PNR 4/17 (RM), and, always a good find in Westmoreland, a Virginia Rail was at Monastery Run, Latrobe 4/21 (MM). The 2 Western Sandpipers spotted at Donegal Lake 6/3 represented just the second record of the species for the Ligonier Valley (RCL).

A flock of 150 Bonaparte's Gulls circled over Donegal Lake the morning of 4/8 (BL). The only report of Caspian Tern was of one at Beaver Run Reservoir 4/21 (MM), and a lone Forster's Tern was at Donegal Lake 4/15 (BL). April 23 was a rather early date for the first Ruby-throated Hummingbird at New Alexandria (KJ).

At PNR a total of 9 Yellow-bellied Flycatchers were banded 4/11-6/15, the latter a record late spring date there (RCL, RM). A Red-breasted Nuthatch was a good late find at Bushy Run Battlefield 6/5 (MM). While birding near the Spruce Flats area, DB listed 77 Veeries and 5 Gray-cheeked Thrushes 5/18, both good counts for the area. Reported with increasing frequency in recent years, single Brewster's Warblers were banded at PNR 5/3 and 5/12; 3 Orange-crowned Warblers were banded there between 5/8 and 5/15 for the season's only reports (RCL, RM). A Pine Warbler was a good find at PNR 4/20 (BL), and a male Prothonotary Warbler on 5/7 was just the 5th ever banded at the Reserve in 40 years (var. ob.). A Clay-colored Sparrow banded at PNR 5/10 provided just the second such record for the Ligonier Valley (RM, RCL).

A Blue Grosbeak sighted near New Alexandria 5/11 (MS, PF) represented one of the few county records of

the species ever, and an exceptionally early Indigo Bunting was at Latrobe 4/9 (MM).

OBSERVERS: Robert C. Leberman, Powdermill Nature Reserve, HC 64, Box 453, Rector 15677, (724) 593-7521, Dick Byers, Phyllis Flasher, Jim Gruber, Karen Jackson, Brian Jones, Adrienne Leppold, Mark McConaughy, Robert Mulvihill, Robert Shaw, Mary Shirland.

## Wyoming County

More than 160 species were recorded in the county during the quarter with 129 (a new high) found on the spring migratory bird count on 5/11. A Red-throated Loon which I saw at Lake Carey on 5/2 was the only report for the period. It is always a nice bird to see. I heard an American Bittern calling at Phelps Swamp on 5/11. This was my first county record, though there have been a few others through the years.

A very fine record was a Snowy Egret seen by SG at the pond on Sordoni's Farm on 5/5. Unfortunately, it did not stay around long enough for others to see it. A Merlin at Lemon Township on 5/11 was a good record and gave me several close looks.

A Least Flycatcher at Lemon Township on 4/19 was very early. A White-eyed Vireo found near Lake Carey on 5/10 was the first county record reported in several years. Unfortunately, it could not be found for the bird count on the 11<sup>th</sup>. Swallows were generally scarce through the season. The only Purple Martin reported was a single bird seen at Lake Carey on 5/4; and the only report of Cliff Swallow was a single bird at S. Eaton on 5/14.

An early Cape May Warbler at Tunkhannock Township on 5/2 made one hope for increased numbers this year, but that turned out to be the only Cape May reported this spring. Through the years there have been 2 small colonies of Pine Warblers in the county, one at Vosburg and the other at S. Eaton. They returned this year, and I saw 3 at one time at S. Eaton on 4/9; but after 5/11 I found none at S. Eaton. I recorded Bay-breasted Warbler 5 times between 5/5 and 5/27. All were singles, but they gave some hope. I recorded Mourning Warbler 3 times, 5/26, 6/4 (in my yard), and 6/16. Normally, one record makes a good spring.

There was not a single record of Henslow's Sparrow

in the county (or in neighboring counties) this year, despite diligent searches in typical Henslow's territories. Some of the historic nesting places have been plowed up and others have been cut very close to the ground.

OBSERVERS: Bill Reid, 73 W. Ross St., Wilkes-Barre 18702, (570) 836-2734, Bob Daniels, Joe DeMarco, Sandy Goodwin, Edwin Johnson, Jeanne Kilmer, Shane Kleiner, Rick Koval, Phyllis Rosencrance, Ellen Whipple.

#### York County

Location: Codorus State Park (CSP)

A Common Loon remained at CSP all through the quarter (KL). There were 2 sightings of American Bittern: 1 on 4/17 at New Freedom (BF) and 1 on 4/20-27 at Weigelstown (MS).

A Snowy Egret was at Spring Grove 6/19 (PK). A Tricolored Heron at CSP on 4/18 was the only spring record (KL, AMS). After 4 early arrivals, 39 Black-crowned Night Herons arrived late the morning of 4/2 at Kiwanis Lake (AS). One immature Greater White-fronted Goose was found 5/29 at Long Arm Reservoir (AS).

There was a possible nesting of 7 Bald Eagles, with 5 of those along the Susquehanna River. A Peregrine Falcon was seen sitting on top of the passenger pigeon monument 5/1 at CSP (KL).

Two Virginia Rail were at Marsh Run 5/3 (AS). A Sanderling 5/5 at Brunners Island was the only spring county record (J&JP). A Common Tern was at CSP 5/25 (PR), a Forster's Tern was at Dillsburg Gravel Pits (RS, JS, ASM), and a Least Tern at CSP 6/12 was the first county record (PR).

A Eurasian-collared Dove was found on 4/26 near Apollo C.P. (AM) and confirmed as true species (PR, B&NS). Five Whip-poor-will were reported 5/5 at Wrightsville (JL Downs), and 1 was reported at Conewago Road 6/15 (PR).

A Yellow-bellied Flycatcher was at Wrightsville (JL Downs). Two Prothonotary Warblers were at GR on 4/28 (AS), 1 was at Lock 12 5/2-3 (DH), and 1 was at McCalls Ferry Road 5/23 (PR). A Mourning Warbler was at CSP 5/13 (PR). A Summer tanager was at Sheppard Myers Reservoir on 5/29 (PR). Three Scarlet Tanagers were at Gifford Pinchot State Park—one was completely orange and one had white on part of the underside (PS). Blue Grosbeaks were found at 4 southern locations. A Dark-eyed Junco that had an injured wing was last seen 5/15 at Stony Brook home (AS).

OBSERVERS: Al Spiese, 4086 Old Orchard Rd, York

17402, (717) 755-8309, Fred Clark, Bruce Fortman, Dan & Lori Heathcote, Deuane Hoffman, Phil Keener, Karen Lippy, Andy McGann, Bob Moul, Jim Montgomery, Jef Pheasant, Randy Phillips, John & Jean Prescott, Peter Robinson, Pat Sabold, Mike Sankovich, Bob & Nancy Schutsky, Anna Mae Shafer, Joe Sheldon, Alexa Smith, Rich Strevich, Dave Wildasin, Dave Wilton.

# Seasonal Occurrence Tables - April through June 2002

A summary of frequently reported species with arrival/departure dates and high counts

## HOW TO READ THE TABLES

The species listed in the following tables represent the “expected” species in most areas. The following 26 species, permanent residents that occur in almost every county, are not included.

Ruffed Grouse, Ring-necked Pheasant, Wild Turkey, Rock Dove, Mourning Dove, Eastern Screech and Great Horned owls, Belted Kingfisher, Red-bellied, Downy, Hairy, and Pileated woodpecker, Blue Jay, American Crow, Tufted Titmouse, White-breasted Nuthatch, Carolina Wren, Eastern Bluebird, Northern Mockingbird, Cedar Waxwing, European Starling, Northern Cardinal, Song Sparrow, House Finch, American Goldfinch, and House Sparrow

Not all of the above are “permanent residents” in the strictest sense. Kingfishers, for example, will leave an area if all of the open water freezes up. Blue Jays migrate, but since Pennsylvania is in the center of their summer and winter ranges, they are present year round. Comments on the above species can be found in either the Summary of the Season or Local Notes.

All other reported species can be found in the Birds of Note section.

## CODES

The codes used in the tables are as follows:

A = Present All quarter. This species was present from the first day of the quarter through the last day of the quarter. This could refer to individual birds or the species as a group.

P = Present Part of the quarter. This species was present, but specific dates are not available.

R = Permanent Resident. This species breeds and is present year round in this county.

L = Late. An L after a date indicates an unusually late date.

E = Early. An E after a date indicates an unusually early date.

- = An arrow before a date indicates the species was present from the beginning of the quarter to at least that date.

An arrow after a date indicates the species was present starting with that date and through the rest of the quarter.

\* = Something noteworthy. Comments about the record may usually be found in the Local Notes section.

sp. = Species unknown, such as Scaup.

A comma between dates indicates that the species was not present during that interval.

A blank does not necessarily mean that the species does not occur in that county, just that no reports were received by the compiler for that species.

## EXAMPLES:

2/27-3/6-3/30 means the species was first reported on 2/27 and last reported on 3/30.

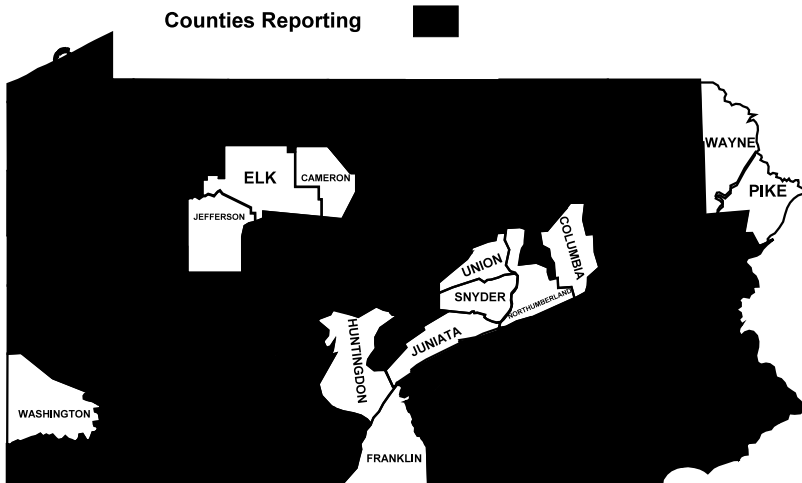
1/6- means the species was first reported on 1/6 and present through the rest of the quarter.

-1/5,3/15- means the species was present up to 1/5 then returned on 3/15 and was present through the rest of the quarter.

9/4E means the species was reported on 9/4, which was early for this county.



## COUNTIES REPORTING - APRIL TO JUNE 2002



SEASONAL OCCURRENCE TABLES - APRIL THROUGH JUNE 2002

	ADAMS	ALLEGHENY	ARMSTRONG	BEAVER	BERKS	BRADFORD	BUCKS	BUTLER	CAMBRIA	CARBON	CENTRE	CHESTER
LOON, RED-THROATED	-	-	-	-	-	-	4/19-5/13	-	-	-	5/12	5/12
COMMON	-5/15	4/16-30	-4/27	-	4/2-6/30	4/15	-5/21	-5/15	-5/25	A	-6/23	-5/29
GREBE, PIED-BILLED	-	4/1-9	-4/6	4/10	A	-	-5/24L	P	-4/3	-	-5/19	-6/20
HORNED	-	-	-4/6	4/10	4/3-15	-	-5/8	-	-	-	-4/17	-4/20
CORMORANT, DOUBLE-CRESTED	-	4/1-6/18	-5/12	4/10	A	5/11	A	-6/14	-5/25	6/3	A	4/2-6/11
BITTERN, AMERICAN	4/4	-	6/10	4/11	4/7-20	4/15-6/10	4/11-5/16	-	-	5/4	4/9-6/4	-
LEAST	-	-	-	-	5/25	-	4/27→	-	-	-	-	4/18-5/29
HERON, GREAT BLUE	R	R	6/4	-	A	P	R	A	A	A	-	4/8-6/9
EGRET, GREAT	-	4/9-5/15	-	-	4/15-5/20	-	A	4/7-5/17	5/3	5/12	-	4/17-5/12
SNOWY	-	-	-	-	-	-	5/7	-	-	-	-	-
HERON, GREEN	5/11→	4/28→	6/3→	-	4/21→	5/11	4/16→	4/19→	A	4/24	5/1→	4/16-6/9
NIGHT-HERON, BLACK-CROWNED	-	-	-	-	P	-	A	-	-	-	-	6/9
VULTURE, BLACK	R	-	-	-	A	-	R	-	-	A	-	R
TURKEY	R	A	A	4/15	A	P	R	A	A	A	A	R
SNOW	-	-	-	-	A	-	-6/10	-	-	6/3	-	4/13-22
CANADA	R	R	R	4/2	-	P	R	R	A	R	A	R
BRANT	-	-	-	-	5/1	-	5/12L	-	-	5/2-17	4/29	5/9
SWAN, MUTE	A	-	R	4/10	-	-	R	-	-	-	-	A
TUNDRA	-	-	-4/8	-	-	-	-	-	-	-	-4/13	-
DUCK, WOOD	A	R	A	-	A	P	R	A	A	A	A	A
GADWALL	-	-	-4/6	-	-	-	-4/7	P	-	-	-	5/15
WIGEON, AMERICAN	-	4/28	-4/6	-	4/19	4/15	-4/13	-4/19	-	-	4/8	4/16-5/1
DUCK, AMERICAN BLACK	-	-	-4/3	-	-4/21	4/15	R	P	-	A	-4/7	4/3-18
MALLARD	R	R	A	4/2	R	P	R	R	A	R	A	R
TEAL, BLUE-WINGED	-	4/8-5/13	-	4/2	4/7	-	4/13-5/26L	A	-	4/1	-5/11	4/2-30
SHOVELER, NORTHERN	-	-	-	-	-	-	-4/14L	P	-	-	-4/8	4/2-5/2
PINTAIL, NORTHERN	-	-	-	-	-4/14	-	5/17	-	-	-	-	-
TEAL, GREEN-WINGED	-	4/4	-4/6	-	-4/1	4/15	-5/25	-4/19	-	A	-4/13	-4/19
CANVASBACK	-	-	-	-	-	-	-	-4/6	-	-	-	-
REDHEAD	-	-	-	-	-	-	-	-4/6	-	-	-4/5	-4/19
DUCK, RING-NECKED	-	4/9-16	-4/11	4/21	-4/14	4/8-17	-6/5L	-5/10	-	A	-5/15	4/1-5/5
SCAUP, GREATER	-	-	-	-	4/14	-	-4/13	-	-	-	-	4/2-5/18
LESSER	-	4/10	-4/6	-	4/2	-	-4/13	-5/12	-	A	-5/11	-5/14
WHITE-WINGED	-	-	-	-	4/21	-	4/22-5/9	-	-	A	4/22-5/12	-
DUCK, LONG-TAILED	-	-	-	-	4/15	-	4/22-5/9	-	-	4/27	4/25	4/21
BUFFLEHEAD	-	4/4-21	-4/6	-	-4/14	4/15	-5/1	-4/20	-4/6	A	-5/1	-4/23
GOLDENEYE, COMMON	-	-	-	-	-	-	-	-	-	-	-	4/17-18
MERGANSER, HOODED	-	4/4-6/1	-4/3	-	-5/1	4/8-5/11	-4/3	P	-5/6	A	-4/5	-4/30
COMMON	-	-	-	-	-5/16	4/15-6/10	R	-5/27	-	A	-5/17	4/18
RED-BREASTED	-	4/1-22	-4/6	-	-4/28	-	-5/9	-5/17	-4/21	-	4/29	-
DUCK, RUDDY	-4/7	4/4-21	-4/6	4/10	A	4/15	-6/9	-5/24	-	-5/4	-4/29	A
OSPREY	4/7-5/27	4/24	4/27	-	4/3→	4/15-5/8	A	A	A	A	4/17-5/16	4/8-5/29
EAGLE, BALD	4/8	4/6-7	-	-	A	-	4/10-6/17	A	4/13	A	A	4/8-5/17
HARRIER, NORTHERN	-	A	-6/10	-	4/1-5/10	4/15	4/1-5/12	-	A	A	A	4/13-5/11
HAWK, SHARP-SHINNED	A	R	A	5/4	R	5/11	R	R	A	A	A	R
COOPER'S	A	R	A	-	-	-	-	R	A	A	A	R
GOSHAWK, NORTHERN	-	-	-	-	-	-	-	-	-	-	5/4	-
HAWK, RED-SHOULDERED	-	R	4/3	-	A	-	R	A	-	A	A	4/30-5/11
BROAD-WINGED	5/11→	4/16→	5/11	4/21	4/9→	4/20→	4/14→	4/12→	4/16→	4/17	4/7→	4/16-5/5
RED-TAILED	A	R	A	-	R	P	R	R	A	P	A	R
KESTREL, AMERICAN	A	R	A	4/21	R	6/10	R	R	A	A	A	R
MERLIN	-	-	-	5/19	4/16-29	-	-5/11	-	-	5/4	-	4/16-28
FALCON, PEREGRINE	-	R	-	5/2	-	6/20	R	-	-	5/6	-	-
BOBWHITE, NORTHERN	R	-	6/9	-	-	6/20	5/11-6/10	-	-	-	-	R
RAIL, VIRGINIA	-	-	-	-	-	4/15-6/10	4/18→	-	5/3→	-	5/4→	5/7-11
SORA	-	5/2	-	-	-	6/10	5/4→	5/11	5/6→	-	5/4→	5/11
COOT, AMERICAN	-	4/15	-4/8	-	P	-	-5/6	-5/17	-4/5	A	-	-4/19

SEASONAL OCCURRENCE TABLES - APRIL THROUGH JUNE 2002

	ADAMS	ALLEGHENY	ARMSTRONG	BEAVER	BERKS	BRADFORD	BUCKS	BUTLER	CAMBRIA	CARBON	CENTRE	CHESTER
PIVOTER, BLACK-BELLIED	-	-	-	-	-	-	5/13-29	5/12	-	-	-	-
SEMPALMATED	-	-	-	-	5/20	-	5/4E-26	5/12	-	-	-	-
KILLDEER	A	A	A	5/18	R	P	R	-	A	A	A	R
YELLOWLEGS, GREATER	4/18-19	4/4-5/25	-	-	4/1-23	-	4/27-5/28L	-	5/14-19	5/2	4/12	4/2-5/18
LESSER	4/7-5/11	5/2-15	5/11	-	5/4	-	-5/28	5/11	5/2-14	5/18	5/2	4/17-5/18
SANDPIPER, SOLITARY	5/8-11	4/16-5/22	5/11	5/10	4/23-5/20	-	4/16-6/8L	4/28-5/11	5/5-12	4/28	5/11	4/21-5/18
SPOTTED	4/18	4/15	5/6	-	4/14	5/11	4/20	5/12	4/20	4/27	4/12	4/21-6/9
UPLAND	5/11	-	-	-	-	-	-	-	-	-	-	-
SANDPIPER, SEMPALMATED	-	5/12	-	-	-	-	5/7-6/12L	-	5/26	-	-	-
LEAST	5/8	5/11-12	-	-	5/4-20	-	4/20E-6/12L	5/11	-	5/18	-	4/30-5/15
WHITE-RUMPED	-	5/12	-	-	-	-	5/4-6/12	-	5/5	-	-	-
PECTORAL	-	4/16-5/2	-	-	-	-	4/22-5/13	-	-	-	-	4/20
DUNLIN	-	5/15	-	-	5/4-16	-	4/13-5/28L	5/12	5/14-19	-	-	-
DOWITCHER, SHORT-BILLED	-	5/12	-	-	-	-	5/12-26	-	-	5/18	-	-
SNIPE, COMMON	-	4/15-5/12	-	-	-4/7	-	-5/8	4/19-5/11	5/11-12	A	-4/17	4/2-5/11
WOODCOCK, AMERICAN	A	4/21	-	5/11	A	-	A	A	A	A	A	4/18
BONAPARTE'S	-	-	-4/27	-	4/3-21	-	-5/18	-5/12	5/14	-	-5/17	4/18
RING-BILLED	A	-4/30	-5/22	4/10	A	-	A	A	A	A	A	-5/14
HERRING	-	R	-	-	-4/14	-	A	P	6/5-14	-	6/26	5/13
GREAT BLACK-BACKED	-	-	-	-	-	-	A	-	-	-	-	-
TERN, CASPIAN	-	-	-	-	4/13	-	4/17E-6/6	4/16-5/11	-	-	-	-
COMMON	-	-	-	-	-	-	4/28-5/15	5/12-18	-	5/11	-	-
FORSTER'S	-	4/4-29	-	-	5/19	-	4/13E-5/16	4/16-5/11	5/3-14	5/2-18	-	4/15-5/18
BLACK	-	-	-	-	5/3-19	-	5/11-6/12	5/17-18	5/13-14	-	-	5/15
CUCKOO, BLACK-BILLED	P	5/8	5/11	5/10	5/11-6/13	5/28	5/1-23	5/11	5/15	5/27	5/11	5/4-26
YELLOW-BILLED	5/11	5/7	5/27	-	5/10	6/1	5/4-6/2	5/11	6/20	5/10	5/11	5/4-6/25
OWL, BARN	A	-	-	-	R	-	R	R	-	-	-	R
BARRED	R	6/28	-	4/29	R	P	5/4	R	A	A	-	-
LONG-EARED	-	-	-	-	-4/15	-	-	-	-	-	-	-
NORTHERN SAW-WHET	-	-	-	-	6/7-21	-	R	4/6	-	-	-	-
NIGHTHAWK, COMMON	-	5/9	6/20	5/9	5/11	-	5/10-29	5/15	5/10	5/26	5/24	5/12
WHIP-POOR-WILL	6/21	6/5	-	-	5/2-11	-	-	P	6/20	5/2	4/17	5/15
SWIFT, CHIMNEY	A	4/17	5/11	4/20	4/15	-	4/19	4/18	4/23	A	4/16	4/17
HUMMINGBIRD, RUBY-THROATED	4/24	5/2	5/1	4/28	4/24	5/8	4/27	5/4	4/28	A	4/29	4/16-6/9
WOODPECKER, RED-HEADED	R	5/7-15	-	-	R	-	R	A	-	-	A	4/2-5/1
SAPSUCKER, YELLOW-BELLIED	-4/14	4/5-17	-4/17	4/21	-4/9	4/13	-5/5	A	4/7-6/13	A	-5/11	-
FLICKER, NORTHERN	R	R	A	4/15	R	P	R	A	A	A	A	R
FLYCATCHER, OLIVE-SIDED	-	5/17-18	-	-	5/14-20	-	5/8-6/1	-	-	5/11	5/12	-
WOOD-PEWEE, EASTERN	5/8	5/7	5/11	5/15	5/6	5/23	5/7	5/11	5/10	5/29	5/12	5/8
FLYCATCHER, YELLOW-BELLIED	5/8-15	-	-	-	5/11	-	5/4	-	-	-	-	-
ACADIAN	5/7	5/7	6/9	5/18	5/11	-	5/13	5/5	5/25	6/29	5/3	5/6-6/9
ALDER	-	-	-	-	-	6/10	-	5/11	-	5/19	5/16	-
WILLOW	5/8	5/11	5/22	-	5/18	6/3	5/11	5/11	5/11	4/7	5/6	5/15
LEAST	5/11	4/27-6/13	5/11	5/8	4/27-5/18	5/11-6/19	5/10-13	5/4	5/5	5/2	5/2	-
PHOEBE, EASTERN	A	A	A	4/15	A	-	A	A	A	A	A	-6/9
FLYCATCHER, GREAT CRESTED	4/27	5/2	5/11	5/7	4/27	5/11-6/21	4/20E	4/26	A	5/5	4/30	4/30-6/9
KINGBIRD, EASTERN	4/18	4/27	4/27	5/11	4/24	5/11-6/10	4/18E	4/27	5/6	4/27	4/20	4/18-6/25
VIREO, WHITE-EYED	4/27	4/20	5/11	5/4	4/20	-	4/19	4/19	5/6	-	5/13	4/13-6/25
BLUE-HEADED	5/11-15	4/15-5/25	5/11	4/15	4/7	4/26	4/26-5/12	4/19	4/22	4/22	4/7	4/16-5/11
YELLOW-THROATED	5/13	4/19	5/11	4/27	5/4	5/11-6/10	5/3	4/17	-	5/9	5/11-22	4/19-5/12
WARBLING	4/27	4/19	5/11	4/27	4/28	5/11-6/12	4/20E	5/8	5/12	5/19	5/6	4/19-6/9
PHILADELPHIA	5/11	5/3-21	-	5/4	-	-	5/11-6/7L	5/11-15	5/12	5/19	5/22	5/11
RED-EYED	5/8	4/27	5/11	5/4	4/24	5/11	5/1	5/4	5/3	4/29	5/5	4/26-6/10
CROW, FISH	R	-	-	-	R	-	R	-	-	A	A	4/1-6/20
RAVEN, COMMON	R	-	4/8	-	4/27-6/29	P	5/6-26	-	A	-	A	-
LARK, HORNED	A	R	A	-	P	4/15	5/11L	A	A	A	A	4/1-5/15
MARTIN, PURPLE	4/11	4/18	4/27	-	A	-	4/2	4/6	5/13	4/12	4/5	4/1-6/30

SEASONAL OCCURRENCE TABLES - APRIL THROUGH JUNE 2002

	ADAMS	ALLEGHENY	ARMSTRONG	BEAVER	BERKS	BRADFORD	BUCKS	BUTLER	CAMBRIA	CARBON	CENTRE	CHESTER
SWALLOW, TREE	A	A	4/3→	4/21	A	4/2-6/12	A	A	A	A	A	A
NORTHERN ROUGH-WINGED	A	4/8→	4/24→	4/15	A	5/11	A	4/13→	4/12→	4/6	4/17→	4/2-6/9
BANK SWAMP	P	5/9-22	5/31→	-	P	-	4/11→	5/5→	5/11-5/25	A	5/1→	→5/11
CLIFF SWAMP	A	-	-	4/7→	4/7→	6/12	4/20→	4/6→	5/6→	4/29→	4/22→	5/3-15
BARN SWAMP	5/4	4/6→	4/3→	4/21	4/7→	4/12→	4/3→	4/12→	4/17→	4/14→	5/5→	4/15-6/25
CHICKADEE, CAROLINA	R	R	A	4/15	R	P	R	R	-	A	A	R
BLACK-CAPPED TIT	A	R	A	4/15	R	P	R	R	A	A	A	4/11
NUTHATCH, RED-BREASTED	5/11	→5/10	-	4/15	→6/14	-	→5/16	R	-	A	A	4/1-5/4
CREEPER, BROWN	A	→4/22	A	4/15	→5/11	P	R	R	A	A	A	4/8
WREN HOUSE	4/19→	4/18→	4/24→	-	4/16→	4/17→	4/16→	4/17→	5/4→	4/17→	4/24→	4/20
WINTER WREN	→4/8	→4/19	4/7	-	→5/11	P	-	5/11	4/7	-	A	4/8
MARSH WREN	-	-	-	-	-	6/10	5/1-16	-	5/3	-	5/4	-
KINGLET, GOLDEN-CROWNED	4/3	→4/15	A	-	→4/14	5/11-6/10	→4/24	→5/18	A	A	A	4/6
RUBY-CROWNED KINGLET	→5/11	4/5-5/22	4/11	4/15	→5/18	4/8-5/11	→5/12	4/12-5/11	4/11-5/11	A	4/7-5/11	4/6-5/11
GNATCATCHER, BLUE-GRAY	4/14→	4/11→	6/3→	4/27	4/9→	5/1-5	4/13→	4/16→	5/3→	4/21→	4/12→	4/8-6/10
VEERY	5/15→	5/2→	-	5/10	5/4→	5/8→	5/2→	5/6→	5/5→	5/11	5/11→	4/13-6/10
THRUSH, GRAY-CHEEKED	5/15	5/3-4	-	-	5/25	-	5/7-27	-	-	5/25	-	5/12-16
SWAINSONS THRUSH	5/11	4/27-5/26	5/11	5/4	5/11-25	4/15→	4/20-5/27	5/18-19	5/11→	5/9	5/17-20	→5/25
HERMIT WREN	→4/7	4/5-5/13	5/11	-	A	4/15→	→5/4	4/17-5/1	5/11→	A	A	4/8
WOOD WREN	5/2→	4/17→	5/11→	4/21	4/27→	5/5→	4/16E→	4/23→	5/2→	4/29→	4/23→	4/17→
ROBIN, AMERICAN	A	A	A	4/15	A	P	R	A	A	A	A	R
CATBIRD, GRAY	4/27→	5/2→	4/30	4/21	4/22→	5/4→	A	4/23→	4/20→	A	4/24→	4/12→
THRASHER, BROWN	A	4/5→	4/7→	6/29	4/4→	4/20-6/10	A	4/9→	4/6→	4/11→	A	4/12-6/30
PIPET, AMERICAN	5/9-10	4/15-6/1	-	-	4/20-23	-	→4/1	-	-	-	-	4/1-5/11
WARBLER, BLUE-WINGED	5/8→	4/18→	4/24→	4/27	4/28→	5/8-6/10	4/16E→	4/26→	-	5/4	5/6→	4/21-6/20
GOLDEN-WINGED WARBLER	-	5/2-10	-	-	-	6/10	5/1E	-	-	5/12	5/1→	-
TENNESSEE WARBLER	-	4/20-5/26	5/11	5/17	5/11-19	-	5/5-20	5/10-24	5/9	5/12	5/11-22	5/11-13
ORANGE-CROWNED WARBLER	-	5/5	-	5/4-8	-	-	-	-	-	5/12	5/12	-
NASHVILLE WARBLER	5/8-10	4/19-6/12	-	4/20	4/20E-5/26	-	5/1-11	5/4-11	-	-	4/20-6/1	5/9-11
PARULA, NORTHERN	4/27→	4/18-6/1	-	4/15	4/14E→	-	4/27→	P	5/12	5/3	4/13-5/16	4/14-6/20
WARBLER, YELLOW	4/27→	4/16→	5/11→	4/20	4/22→	5/2→	4/17E→	4/16→	5/3→	4/27	4/17→	4/17-6/25
CHESTNUT-SIDED WARBLER	5/8-15	4/26-5/22	5/27→	5/7	5/4→	5/4→	5/4→	4/30→	5/2→	5/9	5/2→	4/26-6/10
MAGNOLIA WARBLER	5/11-15	4/30-5/25	5/11	5/8	5/10-6/1	-	5/4-29L	5/5-18	5/9→	5/4	5/1→	5/8-25
CAPE MAY WARBLER	-	5/2-11	-	-	5/11	-	5/7-19	5/15	-	5/2	5/2	5/9
BLACK-THROATED BLUE WARBLER	5/11→	4/25-5/23	-	5/4	4/27→	5/11	4/26E-5/27	5/11-19	5/11-12	5/2	5/1→	5/4-25
YELLOW-RUMPED WARBLER	→5/11	→5/22	→5/11	4/15	→5/29	4/30-6/19	→5/21	4/12-5/11	→5/12	A	A	4/13-5/16
BLACK-THROATED GREEN WARBLER	4/26→	4/16-6/28	4/30→	5/4	4/19→	4/26→	4/27-5/19	4/30→	4/28→	4/27	4/17→	4/16-5/19
BLACKBURNIAN WARBLER	5/11	4/20-5/21	-	5/8	5/1-26	6/10	5/2-19	P	5/11→	5/4	4/30→	5/3
YELLOW-THROATED WARBLER	A	4/13→	6/1→	4/15	4/20E→	4/18	5/4→	4/13→	5/11	5/12	-	4/20-5/12
PINE WARBLER	-	4/16-28	4/3→	5/3	A	5/11	A	-	5/11	A	A	4/13-5/15
PRAIRIE WARBLER	-	4/16→	5/11→	6/29	4/27→	5/4→	4/17E→	4/19→	A	4/27	5/5→	4/27
PALM WARBLER	-	4/19-5/11	5/27	-	→4/18	5/11	4/3-5/18	4/26	5/4-6	4/5	4/13-5/12	4/9-5/11
BAY-BREASTED WARBLER	5/2	5/3-23	-	-	5/11-22	-	5/11-16	5/10-18	-	5/9	5/11-22	-
BLACKPOLL WARBLER	5/11	5/9-30	-	5/15	5/10-6/1	-	5/7-27	5/11-24	-	5/18	5/12-6/10	→6/9
GERULEAN WARBLER	-	4/19	6/9→	5/3	5/11→	-	5/3→	5/4→	-	-	5/12-6/10	5/1-25
BLACK-AND-WHITE WARBLER	5/9→	4/16-5/24	5/23→	5/5	A	5/8-6/28	4/14→	5/4→	4/13→	4/17→	4/16→	4/20-6/9
REDSTART, AMERICAN	5/8→	4/13→	5/11→	5/4	4/28→	5/11-6/10	5/2→	5/4→	5/4→	5/4	5/2→	-
WARBLER, PROTHONOTARY	-	-	-	-	-	-	5/11-6/10	-	-	-	-	-
WORM-EATING WARBLER	6/21→	4/29-5/15	-	-	4/20E→	6/10	4/20E→	-	-	5/22	5/6→	5/6-6/24
OVENBIRD	5/8→	4/17→	5/11→	4/21	4/19E→	5/2→	4/20E→	4/23→	4/29→	4/29→	5/1→	4/7-6/25
WATER THRUSH, NORTHERN	4/7-5/25	5/4	-	4/21	5/11	-	5/4-25	5/11	-	5/12	4/20→	5/4-13
LOUISIANA WARBLER	5/7→	4/9→	-	4/21	4/3→	6/10	A	4/20→	4/22→	4/25	4/17→	4/8-6/9
WARBLER, KENTUCKY	-	4/19→	6/9→	5/8	5/10→	-	5/4→	5/1→	-	-	5/12→	5/4-6/10
MOURNING WARBLER	-	5/7-22	-	-	5/12-6/5	-	5/10E-30L	5/11	-	-	5/11-15	5/22
YELLOW-THROAT, COMMON	4/18→	5/4→	4/24→	5/2	4/19→	5/4→	4/14E→	4/20→	4/26→	5/3→	4/23→	4/17-6/25
WARBLER, HOODED	6/1→	4/27→	5/11→	4/29	4/20E→	-	5/3→	5/5→	5/11→	5/11→	5/1→	4/19-6/10
WILSON'S WARBLER	5/8-26	5/5-16	-	-	5/10-15	-	5/4-25	5/11-18	-	5/11→	5/8-25	5/7

SEASONAL OCCURRENCE TABLES - APRIL THROUGH JUNE 2002

	ADAMS	ALLEGHENY	ARMSTRONG	BEAVER	BERKS	BRADFORD	BUCKS	BUTLER	CAMBRIA	CARBON	CENTRE	CHESTER
CANADA	5/11→	5/7-21	-	5/10	5/11→	-	5/4-27	5/10-15	5/12→	5/4	5/8→	5/7-25
CHAT, YELLOW-BREASTED	5/8→	5/7→	6/3→	5/19	5/6→	6/10	5/4→	P	-	-	5/8→	-6/9
TANAGER, SCARLET	5/2→	4/17→	5/11→	5/4	4/27→	5/5→	5/1→	5/1→	5/5→	5/11→	5/1→	4/20-6/25
TOWHEE, EASTERN	A	A	A	4/15	-	4/12→	R	A	4/4→	4/6→	A	R
SPARROW, AMERICAN TREE	-	-	-	-	-	-	-	-	-	-	-	-
CHIPPING	A	A	4/8→	4/15	A	4/17→	A	A	4/10→	A	A	4/9-6/10
FIELD	A	A	A	4/27	A	4/13→	R	4/4→	4/13→	4/1→	A	R
VESPER	5/9→	4/15→	4/11→	4/15	P	4/15	4/1-5/16	P	5/12→	-	P	-
SAVANNAH	4/8→	4/16→	4/17→	-	4/13→	4/15-6/25	R	4/7→	5/10→	-	4/3→	4/13-6/10
GRASSHOPPER	5/10→	4/17→	4/18→	-	P	-	5/24→	P	5/10→	5/10→	4/18→	-6/10
HENSLOW'S	-	4/16→	6/10→	-	-	-	-	P	5/12→	-	-	-
FOX	-	-	-	4/15	-	-	A	-	-	-	-	-
LINCOLN'S	5/11	-	5/23	-	5/11	-	5/10-13	5/11	5/12	5/13	4/13-15	5/15
SWAMP	4/4	4/3-5/30	4/11	-	A	5/11-6/10	R	4/12→	A	A	A	4/4-5/11
WHITE-THROATED	-	-	-	4/7	-	4/12-5/12	-	P	-	A	-	-
WHITE-CROWNED	5/4	-	5/2-12	5/15	-	5/11	-	4/9-5/11	5/9	5/2	5/5-16	-5/16
JUNCO, DARK-EYED	-	-	-	4/15	-	P	-	-	A	A	A	-
GROSBEAK, ROSE-BREASTED	5/1-15	4/19→	4/27→	5/3	4/28→	5/9→	4/17E→	4/23→	4/27→	5/2	4/19→	4/20-6/12
BLUE	-	-	-	-	5/29→	-	6/30	-	-	-	5/6	5/2-6/25
BUNTING, INDIGO	4/27→	5/2→	5/1→	5/2	4/19→	5/7→	4/25→	5/5→	5/4→	5/4→	4/21→	4/21-6/10
BOBOLINK	5/10→	5/11→	6/9→	-	5/6→	5/11-6/29	5/3→	P	5/10→	5/12	5/11→	5/4-6/20
BLACKBIRD, RED-WINGED	A	A	A	4/21	A	-	R	A	A	A	A	5/4-6/11
MEADOWLARK, EASTERN	A	A	A	5/4	A	4/2-6/20	R	A	A	A	A	4/15-6/10
BLACKBIRD, RUSTY	-	4/11-5/3	-	4/21	-	4/15	-	4/20-5/11	-	-	4/13	4/21
GRACKLE, COMMON	A	A	A	4/21	A	-	R	A	A	A	A	R
COWBIRD, BROWN-HEADED	A	A	A	4/10	R	5/1-6/22	R	A	A	A	A	R
ORIOLE, ORCHARD	4/28→	5/2-31	5/11→	-	4/29→	-	4/28→	5/3→	-	-	5/5→	4/20
BALTIMORE	4/27→	4/21→	5/2→	5/4	4/27→	5/7-6/20	A	4/24→	5/4→	4/27→	4/25→	4/19-6/9
FINCH, PURPLE	4/3-21	-	A	-	-	4/15-5/11	-	R	A	4/9	A	4/15
SISKIN, PINE	5/11	-	-	-	-	5/11	-	5/11	5/8-19	A	4/20-5/11	4/1-5/20
GROSBEAK, EVENING	-	5/4	-	-	4/16-20	4/15	-	-	5/1-8	-	4/19-5/11	5/1

	CLARION	CLEARFIELD	CLINTON	CRAWFORD	DAUPHIN	DELAWARE	ERIE	FAYETTE	FOREST	FULTON	GREENE	
LOON, RED-THROATED	-	-	-	-	4/28-5/13	-	-	-	-	-	-	-
COMMON	-	P	4/21-5/25	-	-	-	-	-	-	-	-	-
GREBE, PIED-BILLED	-	P	4/2-5/13	4/8-6/7	-	-	-	-	4/15	-	-	-
HORNED	-	-	4/21	4/4-6/14	-	-	-	-	-	-	-	4/6
CORMORANT, DOUBLE-CRESTED	-	P	4/26-5/15	4/4-11	-	-	-	-	-	-	-	-
BITTERN, AMERICAN	-	-	4/3-5/11	4/11-6/3	4/19	A	A	-	4/15-21	-	-	5/11
LEAST	-	-	-	5/28-6/30	-	-	-	-	-	4/13	-	-
HERON, GREAT BLUE	A	P	5/8-26	4/4	A	A	5/18→	R	A	A	-	-
EGRET, GREAT	4/16-5/15	-	-	-	A	A	4/6-5/31	-	-	-	-	4/14
SNOWY	-	-	-	-	5/2	5/11	-	-	-	-	-	-
HERON, GREEN	5/15	P	5/12-6/5	4/15-6/24	4/17→	4/21→	4/15→	5/18	5/11	4/19→	5/5→	-
NIGHT-HERON, BLACK-CROWNED	-	-	-	-	4/18→	P	4/2-5/23	-	-	-	-	-
VULTURE, BLACK	-	-	-	-	A	R	-	-	-	5/11-14	-	-
TURKEY	4/3→	A	4/2→	4/7-6/30	4/20L	R	A	4/20-6/22	A	A	A	A
SNOW	-	-	-	-	-	-	-	-	-	-	-	-
CANADA	R	P	4/2→	4/1-6/30	R	R	R	R	A	R	R	R
BRANT	-	-	-	-	-	-	-	-	-	-	-	-
SWAN, MUTE	-	-	4/16	5/5-17	P	A	A	-	-	-	-	-
TUNDRA	4/3	-	4/5-8	4/12	P	-	-	-	-	-	-	-
DUCK, WOOD	4/6→	-	4/5-5/13	4/13-6/24	A	R	-	4/13-5/18	A	A	A	A
GADWALL	-	-	-	4/2-6/21	-	-	-	-	-	-	-	-

SEASONAL OCCURRENCE TABLES - APRIL THROUGH JUNE 2002

	CLARION	CLEARFIELD	CLINTON	CRAWFORD	DAUPHIN	DELAWARE	ERIE	FAYETTE	FOREST	FULTON	GREENE
WIGEON, EURASIAN	-	-	-	-	-	-	4/11	-	-	-	-
AMERICAN	-	-	4/7	-	-	-	-	-	-	-	-
DUCK, AMERICAN BLACK	-	-	4/7	4/4-20	-	-	-	-	-	-	4/6
MALLARD	4/1	R	-	4/4-6/30	-	-	-	-	-	-	-
TEAL, BLUE-WINGED	5/9	A	R	4/4-6/30	R	R	A	R	A	R	A
SHOVELER, NORTHERN	-	-	4/8-16	4/4-5/12	-	-	-	-	4/7	-	4/6
PINTAIL, NORTHERN	-	-	-	4/4-19	-	4/1	-	-	-	-	-
TEAL, GREEN-WINGED	-	-	-	4/7	-	-	4/30	-	-	-	-
CANVASBACK	-	-	-	4/4-5/1	-	-	-	-	-	-	-
REDHEAD	-	-	-	-	-	-	-	-	-	-	-
DUCK, RING-NECKED	-	-	4/3	4/4-23	-	-	-	4/13	4/7	-	-
SCAUP, GREATER	-	-	-	4/4-15	-	-	-	-	-	-	-
LESSER	-	-	4/3	4/4-5/5	-	-	A	-	-	-	-
WHITE-WINGED	-	-	-	-	-	-	-	-	-	-	-
DUCK, LONG-TAILED	-	-	-	-	-	-	-	-	-	-	-
BUFFLEHEAD	-	-	4/2-21	4/4-5/11	-	-	-	-	-	-	-
GOLDENEYE, COMMON	-	-	-	4/1-11	-	-	-	-	4/2-21	-	-
MERGANSER, HOODED	-	-	4/3-21	4/4-6/30	R	-	-	-	-	-	-
COMMON	-	-	R	4/8-15	-	-	-	-	A	-	-
RED-BREASTED	-	P	-	4/8-5/4	-	-	-	4/13	-	4/19	-
DUCK, RUDDY	-	-	-	4/4-6/21	4/15	-	-	4/13	-	4/19-5/11	-
OSPREY	4/1-5/23	-	4/11-5/22	4/11-27	P	P	P	-	4/7-5/15	-	-
EAGLE, BALD	4/2-5/9	-	-	4/4-6/24	R	P	P	-	4/7-5/21	-	-
HARRIER, NORTHERN	R	P	4/4-6/29	4/7-6/30	P	-	-	-	5/11	-	-
HAWK, SHARP-SHINNED	-	A	4/17-6/20	5/17-6/3	R	P	P	R	A	R	-
COOPER'S	-	A	R	4/7-5/28	R	R	P	R	A	R	-
GOSHAWK, NORTHERN	4/4-19	-	-	-	-	-	-	-	-	-	-
HAWK, RED-SHOULDERED	4/1	P	4/24	4/11-5/1	-	P	P	-	4/2	4/20-5/24	-
BROAD-WINGED	A	A	4/20-6/29	6/9-24	R	4/13	P	-	4/2	4/13	-
RED-TAILED	R	R	R	4/4-6/17	R	R	P	R	R	R	-
KESTREL, AMERICAN	R	A	4/2-6/9	4/4-6/30	R	R	A	R	R	R	-
MERLIN	-	-	-	4/15-5/7	-	P	4/10-5/17	-	-	-	-
FALCON, PEREGRINE	-	-	-	-	R	R	4/11-5/9	-	-	-	-
BOBWHITE, NORTHERN	-	-	-	-	P	-	-	-	-	5/12	-
RAIL, VIRGINIA	6/1-5	-	5/16	5/11-6/17	-	-	P	-	-	5/11	-
SORA	6/2-5	-	-	4/19-6/13	-	-	P	-	-	-	-
COOT, AMERICAN	-	-	4/7	4/4-6/7	-	-	-	5/9	-	-	-
PLOVER, BLACK-BELLIED	-	-	-	-	-	-	-	-	-	-	-
SEMPALMATED	5/17	-	-	-	-	-	-	-	-	-	-
KILLDEER	A	P	4/2	4/7-6/26	A	R	A	4/13	A	A	-
YELLOWLEGS, GREATER	-	-	-	4/7-5/21	-	-	-	-	5/11	4/19	-
LESSER	-	5/14	-	4/11-5/17	-	-	-	-	-	-	-
SANDPIPER, SOLITARY	5/1	-	-	4/7-5/17	4/18-5/14	4/30-5/12	P	5/9	-	4/19-5/12	-
SPOTTED	4/26-5/24	P	5/10-6/30	4/18-5/17	5/4	4/21	4/11	5/18	5/11	5/4	-
UPLAND	5/17-6/8	-	-	4/28-6/19	-	-	4/14	-	-	-	-
SANDPIPER, SEMIPALMATED	-	-	-	4/28	-	-	P	-	-	-	-
LEAST	-	5/4	-	-	5/4-11	5/8-28	P	-	-	5/11	-
WHITE-RUMPED	-	-	-	-	5/11	-	P	-	-	-	-
PECTORAL	-	-	4/8	4/2-23	5/4-11	5/11	P	-	-	-	-
DUNLIN	-	5/14	-	-	5/4-11	5/11-27	P	-	-	-	-
DOWITCHER, SHORT-BILLED	-	5/14	-	-	5/11	-	P	-	-	-	-
SNIFE, COMMON	-	-	4/2-5/11	4/11-20	-	-	P	4/13	-	-	-
WOODCOCK, AMERICAN	-	A	4/6	5/3-26	A	A	A	4/12	A	A	P
BONAPARTES	-	A	4/22	4/7-6/21	-	-	A	-	-	-	-
RING-BILLED	A	P	4/1-6/3	4/7-6/21	A	A	A	-	4/17-5/30	-	-
HERRING	-	-	-	4/7-6/24	A	A	A	-	-	-	-
GREAT BLACK-BACKED	-	-	-	-	A	A	A	-	-	-	-

SEASONAL OCCURRENCE TABLES - APRIL THROUGH JUNE 2002

	CLARION	CLEARFIELD	CLINTON	CRAWFORD	DAUPHIN	DELAWARE	ERIE	FAYETTE	FOREST	FULTON	GREENE
TERN, CASPIAN	4/27	-	-	-	4/23-5/4	5/27	A	4/13	-	-	-
COMMON	4/3-5/15	-	-	4/23-6/17	4/28-5/11	-	4/30-5/30	-	-	-	-
FORSTER'S	5/9-14	-	-	-	4/15-5/10	5/11	4/14-5/30	5/18	-	-	-
BLACK	5/9-24	-	-	5/20-6/21	5/3-24	-	5/20	-	-	-	-
CUCKOO, BLACK-BILLED	5/19	-	5/26	5/12-29	5/4	-	P	5/18	-	5/11	P
YELLOW-BILLED	-	-	5/31-6/10	-	5/4	-	P	6/22	-	5/11	P
OWL, BARN	-	P	-	-	R	-	-	-	-	-	-
BARRED	5/3	A	R	4/27-6/9	R	R	P	-	R	R	R
LONG-EARED	-	-	-	-	-	-	-	-	-	5/14	-
NORTHERN SAW-WHET	-	-	-	-	-	-	-	-	-	4/18	-
NIGHTHAWK, COMMON	5/10	-	5/11	-	-	5/15	-	-	-	-	-
WHIP-POOR-WILL	-	5/27	4/17	5/8	P	5/15	-	5/20	-	4/18	-
SWIFT, CHIMNEY	4/24	P	4/24	4/20-6/24	4/19	4/18	4/30	5/18	5/11	4/18-6/16	P
HUMMINGBIRD, RUBY-THROATED	5/3	P	4/30	5/10-6/30	4/17	4/24	4/30	-	5/2	5/11	4/23
WOODPECKER, RED-HEADED	-	-	-	3/31E-5/11	-	-	A	-	-	5/1	5/4
SAPSUCKER, YELLOW-BELLIED	4/9-24	P	4/13	4/10-6/21	-	A	A	4/12	4/11	-	5/1
FLICKER, NORTHERN	A	A	4/4	4/6-6/30	R	R	A	4/13	4/9	R	R
FLYCATCHER, OLIVE-SIDED	-	-	-	-	5/18	5/16	5/26-29	-	-	-	-
WOOD-PEWEE, EASTERN	5/26	P	5/10-23	6/7-13	5/1	5/8	5/15	5/9-6/22	5/24	5/11	5/4
FLYCATCHER, YELLOW-BELLIED	-	-	-	-	-	-	5/15-30	-	-	-	-
ACADIAN	5/26	P	-	5/5-6/13	5/4	5/8	5/15	5/9-6/22	5/28	5/11-6/13	5/4
ALDER	-	P	-	5/26	5/20	5/8	5/15	-	-	-	-
WILLOW	5/15	P	6/1-4	5/17-6/23	5/11	5/8	5/15	-	-	5/11-6/13	-
LEAST	4/17	P	-	5/11-6/7	5/4-14	-	5/1	-	4/17	5/11	5/11
PHOEBE, EASTERN	A	P	4/1	4/7-6/30	A	A	4/1	4/13	4/7	A	A
FLYCATCHER, GREAT CRESTED	5/15	P	5/4	5/4-6/13	5/2	4/18	5/1	-	5/28	4/26	P
KINGBIRD, EASTERN	5/1	-	5/11-6/22	4/27-6/13	4/21	4/21	5/1	5/18	5/11	5/4	4/25
VIREO, WHITE-EYED	4/24-6/1	-	-	4/21-6/18	5/4	4/14	5/1-15	6/22	-	4/27	4/27
BLUE-HEADED	4/9	P	5/16	4/14-5/21	4/18	5/1-15	4/30	5/18	4/12	4/9-5/11	-
YELLOW-THROATED	-	-	-	4/27-6/30	5/11	5/5	P	5/18-6/22	4/12	4/26	4/18
WARBLING	4/12-5/28	-	-	4/23-6/24	4/24	4/26	5/1	-	5/15	5/11-6/13	4/18
PHILADELPHIA	-	-	-	5/19	5/11	-	5/15-30	5/18	-	5/11	5/11
RED-EYED	4/17	P	5/12-6/30	5/8-6/30	4/27	4/18	5/15	5/18-6/22	4/17	5/11	4/19
CROW, FISH	-	-	4/24-5/23	-	R	R	-	-	-	4/9-6/16	-
RAVEN, COMMON	-	A	4/1	-	R	-	-	-	R	R	R
LARK, HORNED	-	A	-	4/11-5/26	R	-	P	-	-	R	-
MARTIN, PURPLE	4/3	-	5/11	4/11-6/17	-	4/14	4/1	-	-	-	A
SWALLOW, TREE	4/9	P	4/2	4/4-6/30	A	A	A	4/13-6/22	4/7	A	A
NORTHERN ROUGH-WINGED	-	P	5/11-30	4/11-6/17	A	4/2	4/15	4/13-5/18	4/17	4/9	4/14
BANK	-	P	-	4/24-6/17	5/11	4/21	5/1	-	4/17	5/12	5/11
CLIFF	5/17	P	5/10-6/30	4/27-6/30	5/4	5/7	5/15	5/18	4/17	-	-
BARN	4/23	P	4/2	4/7-6/30	4/1	4/1	4/15	4/20-5/18	5/11	4/9	4/9
CHICKADEE, CAROLINA	-	-	-	-	R	R	-	R	-	-	R
BLACK-CAPPED	A	A	4/13-5/15	4/7	R	-	R	R	R	R	P
NUTHATCH, RED-BREADED	A	A	4/10-6/8	4/4-5/13	-	5/29	P	-	A	-	P
CREEPER, BROWN	A	A	4/7-13	4/27	R	-	P	4/12	A	R	-
WREN, HOUSE	5/15	P	4/4	4/18-6/30	4/15	4/16	4/30	4/12	5/10	4/19	4/27
WINTER	4/12	P	-	-	-	4/25	-	-	4/11	-	-
MARSH	-	-	-	4/20-6/30	-	5/11	5/1	-	-	-	-
KINGLET, GOLDEN-CROWNED	4/2	A	-	4/7-11	-	5/4	-	-	4/11	-	-
RUBY-CROWNED	-	P	4/13	4/14-5/1	-	5/11	-	-	4/17	-	4/26
GNATCATCHER, BLUE-GRAY	4/28	P	4/7	4/20-6/21	4/12	4/14	4/15	4/20-5/18	4/26	4/19	4/27
VEERY	4/7	P	5/26-6/30	5/1-6/23	5/2	5/1	4/11E	5/18	5/11	-	-
THRUSH, GRAY-CHEEKED	-	-	-	-	-	5/11	5/15-30	-	-	5/11	-
SWAINSON'S	-	-	5/16-21	5/9-18	P	5/21-23	5/15-30	5/18	5/21	5/11	-
HERMIT	4/25	P	-	4/26-5/9	R	-	-	-	4/7	-	-
WOOD	5/5	P	4/28	4/19-6/30	4/27	5/1	4/30	4/20-6/22	5/4	5/11	4/19

SEASONAL OCCURRENCE TABLES - APRIL THROUGH JUNE 2002

	CLARION	CLEARFIELD	CLINTON	CRAWFORD	DAUPHIN	DELAWARE	ERIE	FAYETTE	FOREST	FULTON	GREENE
ROBIN, AMERICAN	A		4/1→	4/1-6/30	R	R	A	A	A	A	R
CATBIRD, GRAY	4/28	P	5/7→	5/1-6/30	4/18→	A	5/1→	5/18-6/22	5/1→	5/11→	4/27→
THRASHER, BROWN	5/15→	P	4/8→	4/11-6/17	→5/11	4/14	4/1→	6/22	4/17→	4/18→	4/8→
PIBIT, AMERICAN	5/15	-	4/7	4/14-5/12	→5/11	-	→5/30	-	-	4/13	-
WARBLER, BLUE-WINGED	-	-	-	4/21	4/27→	4/20-5/29	4/12→	-	5/9→	4/26-5/11	4/18→
GOLDEN-WINGED	-	P	-	5/9-11	5/2→	-	5/7-24	5/4-18	P	4/26-6/16	-
TENNESSEE	-	-	-	5/9-11	5/11-13	5/11-19	5/1-30	5/18	-	-	-
ORANGE-CROWNED	-	-	-	5/7	-	-	4/26-5/28	-	-	-	-
NASHVILLE	4/15→	-	5/12	5/1-6/30	5/4-11	5/1-18	5/1-30	5/18-24	5/2→	-	-
PARULA, NORTHERN	4/28→	P	5/11→	4/18E-6/24	4/19→	4/20	5/1-30	5/4-6/22	4/15→	4/19-6/13	4/13→
WARBLER, YELLOW	5/3→	P	6/13-22	5/5-6/22	5/4→	5/3→	4/30→	5/4-6/22	5/2→	4/19→	4/19→
CHESTNUT-SIDED	5/7→	P	5/13-20	5/5-20	5/4-11	5/9	5/1→	5/18-24	5/5→	5/11	→5/11
MAGNOLIA	-	-	-	5/4-11	5/4-11	-	5/1-30	-	5/3	5/24	-
CAPE MAY	5/1→	P	-	5/8-6/21	5/3-14	4/30	5/1-30	-	4/26→	5/11	-
BLACK-THROATED BLUE	5/7	P	5/15	4/12-5/19	→5/14	4/2-5/8	→5/30	4/20-5/18	4/17-5/21	4/19-5/14	→5/11
YELLOW-RUMPED	4/24→	P	5/10-6/30	4/20-6/30	4/27→	5/1	4/30→	5/4-6/22	4/17→	4/19-5/12	-
BLACK-THROATED GREEN	4/28→	P	5/11-13	5/5-6/23	5/11→	5/1	5/1-30	5/9-24	4/26→	5/11	5/11
BLACKBURNIAN	-	-	-	4/20-23	5/14→	-	-	5/4-18	-	-	4/11→
YELLOW-THROATED	4/8	P	-	4/28-5/11	A	4/24	4/15-5/15	-	P	A	-
PINE	4/19→	P	6/17	5/15	5/4→	5/1	-	5/4	P	4/26-6/16	5/5→
PRAIRIE	5/3	-	-	4/20-28	4/8-5/11	4/3-5/1	5/1-30	5/18-24	5/10	-	-
BAY-BREASTED	-	-	-	5/12-23	5/11	5/16	5/15→	5/18	-	-	-
PALM	-	P	-	5/11-26	5/11-6/2	P	-	-	5/12	-	-
BLACK-POLL	6/18	-	-	-	4/25→	-	-	5/4-6/22	-	5/11	5/2→
GERULEAN	5/11	P	5/7-23	5/1-11	4/18→	4/3-6/22	4/30-5/30	5/18-6/22	A	4/26	-
BLACK-AND-WHITE	5/11-26	P	5/26-6/28	5/5-6/30	5/11→	4/20→	5/1→	5/4-6/22	5/5→	5/11→	4/18→
REDSTART, AMERICAN	-	-	-	5/1-17	5/13-6/4	4/16-5/11	-	-	-	-	5/11
WARBLER, PROTHONOTARY	-	-	-	-	5/2→	5/1-6/22	4/26	5/18	-	4/26-6/13	5/25→
WORM-EATING	5/4→	P	5/13→	4/19E-6/22	4/20	5/1-6/22	5/1→	5/9-6/22	5/8	4/19→	4/27→
OVENBIRD	-	-	-	4/27-6/29	5/11→	5/11-21	5/1→	5/18	-	4/19-5/12	5/11
WATERTHRUSH, NORTHERN	4/12	-	6/7-26	4/14-6/28	4/1→	4/23	4/15→	5/4-24	4/12→	4/9→	A
LOUISIANA	6/15-19	-	-	5/17-6/24	5/4→	5/1-12	5/15→	5/24-6/22	-	5/11-24	5/5→
WARBLER, KENTUCKY	4/30→	P	5/12→	4/20-6/17	4/18→	4/17→	5/1→	5/18-6/22	5/9→	4/26→	4/18→
MCOURNING	5/8→	P	6/30	5/6-6/30	5/4→	4/20E→	5/1→	5/4-6/22	5/10→	4/26→	5/11→
YELLOWTHROAT, COMMON	-	P	5/20-22	5/11-26	5/6-17	5/10	5/1-30	5/18	-	5/11	-
WARBLER, HOODED	5/19	P	5/20	5/19	5/4-15	5/8	5/1-30	5/4-6/22	5/24→	5/11	-
WILSON'S	6/8	-	-	4/1-11	5/4→	5/11→	-	5/4-6/22	-	5/11→	5/5→
CANADA	4/13→	A	4/3→	4/1-6/30	4/2→	5/3→	5/15→	5/18-6/22	5/8→	4/26→	4/18→
CHAT, YELLOW-BREASTED	-	P	-	4/1-11	-	P	A	4/12-6/22	4/13→	A	A
TANAGER, SCARLET	5/30→	A	4/2→	4/6-6/30	A	A	4/30→	-	P	-	-
TOWHEE, EASTERN	5/30→	A	5/11	4/4-6/30	4/20→	4/11-5/12	4/15→	6/22	5/11→	4/13→	4/19→
SPARROW, AMERICAN TREE	5/26→	P	4/25→	-	5/1→	-	-	6/22	-	5/4→	4/19→
CHIPPING	→4/6	P	4/4-17	4/7	→4/11	→5/17	4/15-30	-	→4/14	-	-
FIELD	4/17	A	-	5/11-21	5/11	5/8	4/1-30	-	-	5/11	-
VESPER	6/1→	A	-	4/11-6/24	P	R	4/15→	-	5/2→	4/19	-
SAVANNAH	5/30→	A	4/4-5/13	4/1-5/17	→5/11	→5/15	4/30-5/15	4/20	→5/11	→5/12	→5/23
GRASSHOPPER	5/9	P	5/10-14	4/1-5/19	→5/13	→5/11	5/2-16	-	5/2-16	5/11	→5/23
HENSHLOWS	4/23→	P	4/2-5/22	4/1-6/23	→5/11	→5/26	A	-	A	4/19	→5/3→
FOX	4/28	P	4/25→	4/20-6/30	5/2→	5/1→	5/1→	5/18-6/22	4/27→	4/26→	5/3→
LINCOLN'S	-	-	-	-	6/22	5/2-6/29	-	-	-	6/13	-
SWAMP	4/5-5/26	A	5/7→	4/28-6/24	4/24→	4/29→	5/1→	5/18-6/22	5/7→	5/4→	P
WHITE-THROATED	5/9	P	-	-	-	-	-	-	-	-	-
WHITE-CROWNED	5/9	P	4/4-5/13	4/1-5/17	→5/11	→5/15	4/30-5/15	4/20	→5/11	→5/12	→5/23
JUNCO, DARK-EYED	R	A	5/10-14	4/1-5/19	→5/13	→5/11	5/2-16	-	5/2-16	5/11	→5/23
GROSBEAK, ROSE-BREASTED	4/23→	P	4/25→	4/20-6/30	5/2→	5/1→	5/1→	5/18-6/22	4/27→	4/26→	5/3→
BLUE	-	-	-	-	6/22	5/2-6/29	-	-	-	6/13	-
BUNTING, INDIGO	4/28	P	5/7→	4/28-6/24	4/24→	4/29→	5/1→	5/18-6/22	5/7→	5/4→	P

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	CLARION	CLEARFIELD	CLINTON	CRAWFORD	DAUPHIN	DELAWARE	ERIE	FAYETTE	FOREST	FULTON	GREENE
BOBOLINK	5/5→		6/22	5/5-6/17	5/11→		5/15→	5/18-6/22	5/11→	5/11	P
BLACKBIRD, RED-WINGED	A	A	4/7→	4/13-6/30	A	R	A	4/12-6/22	A	A	A
MEADOWLARK, EASTERN	A	A		4/7-6/30	A	5/11-27	A	4/12-5/18	5/2→	R	A
BLACKBIRD, RUSTY			4/24	4/1-15	→4/1	→4/25	→5/15			4/13	
GRACKLE, COMMON	A	A	4/1→	4/4-6/30	A	R	A	A	A	A	A
COWBIRD, BROWN-HEADED	A	A	4/8-6/23	4/11	A	R	A	A	A	A	A
ORIOLE, ORCHARD	P	P		5/26	4/26→	4/26→	P	5/18-6/22		5/4-6/16	4/22→
BALTIMORE	5/1→	P	5/1→	5/2-6/30	4/26→	4/27→	5/1→	4/20-5/18	5/1→	5/4→	4/18→
FINCH, PURPLE	A	A	4/8-5/16	4/11-6/24	→5/18	→4/18	A	5/18	A	4/9-13	A
SISKIN, PINE	→5/4		4/1-5/26	5/1	→5/11	→5/7	P		5/3-26		P
GROSBEAK, EVENING	5/9		4/9-5/7		4/24				→5/11		

	HUNTINGDON	INDIANA	LACKAWANNA	LANCASTER	LEBANON	LEHIGH	LYCOMING	MCKEAN	MERCER	MONROE	MONTGOMERY	MONTOUR
LOON, RED-THROATED				4/13								
COMMON	→6/13	→5/28		A	4/21	5/11			→5/14		→5/10	4/13
GREBE, PIED-BILLED	→5/1	→4/20	→4/7	→5/11	→5/19		4/15		4/7-28		4/4-10	→4/3
HORNED	4/3	→4/9	→4/7	→4/24			4/1-7		→A		→4/18	→4/3
CORMORANT, DOUBLE-CRESTED	4/5-5/11	A	4/6-5/4	A	4/13	5/1	5/6				4/3→	4/3→
BITTERN, AMERICAN		4/30-5/2		5/4-21							5/1	5/5-14
LEAST				5/22-6/18					5/17			
HERON, GREAT BLUE	R	A	A	R	A	6/23	5/16-31	A	R	A	A	4/3→
EGRET, GREAT	4/9-5/18	→5/7		A	5/10						6/17-23	
SNOWY				5/9-6/18	5/10-17							
HERON, GREEN	4/14→	4/30→		4/13→	5/1		5/6	P	4/23→		4/22→	5/5→
NIGHT-HERON, BLACK-CROWNED	5/4			A	5/11→				4/12		5/31→	
VULTURE, BLACK	R	A	A	R	A		A	A	A		A	4/9→
TURKEY	R	A	A	A	R	4/20			5/1-6			R
SNOW				A	A				R	R		
CANADA				R	R							
BRANT				R	R							
SWAN, MUTE				R	R							
TUNDRA	→5/4			→5/9	4/13-5/26L							
DUCK, WOOD	A	A	4/10→	A	A		5/31	5/11→	A	A	A	→4/3
GADWALL		→5/17		→5/4					4/28-5/11		→4/10	
WIGEON, AMERICAN		→4/16		→5/26	→5/11				4/7			
DUCK, AMERICAN BLACK		→5/11		R	R							
MALLARD	R	A	R	R	R		R	7/31	R	R	A	A
TEAL, BLUE-WINGED	5/4	→4/30		→5/11					→5/15			→4/5
SHOVELER, NORTHERN		→4/16		→5/26	→4/21				→4/14		→4/10	4/23
PINTAIL, NORTHERN	→4/3			→4/24								
TEAL, GREEN-WINGED	→6/15	→4/16		→5/11	→4/21						→4/30	→4/6
CANVASBACK		→5/1		4/24-6/1								
REDHEAD		→4/23										
DUCK, RING-NECKED	→4/7	→5/11	→5/4	→5/11	→5/11				→4/28		→4/3	→4/4
SCAUP, GREATER				4/13	5/11-19							
LESSER		→5/17		→5/11								4/3
WHITE-WINGED											4/22	
DUCK, LONG-TAILED				5/11	6/8							
BUFFLEHEAD	→5/24	→4/23	→4/18	→6/9	→4/13				→4/3		→4/19	4/3
GOLDENEYE, COMMON				→4/24								
MERGANSER, HOODED		→4/7		→4/7	→5/26			7/31→	→5/11		→4/10	
COMMON	→4/28	5/11	A	A	→4/13		R	A	→5/1		→4/10	→4/9

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	HUNTINGDON	INDIANA	LACKAWANNA	LANCASTER	LEBANON	LEHIGH	LYCOMING	MCKEAN	MERCER	MONROE	MONTGOMERY	MONTOUR
RED-BREASTED DUCK, RUDDY	→4/7	→5/11	-	→5/26	-	-	-	-	-	-	-	-
OSPREY	→6/15	→5/17	-	→5/11	→5/11	-	-	-	4/7	-	→6/29L	→4/3-6/29
EAGLE, BALD	→5/4	→5/11	5/2-4	A	4/10	5/11	5/9	5/11→	A	-	→6/30	4/14
HARRIER, NORTHERN	R	→5/11	-	R	A	-	A	-	A	-	→4/5	4/4
HAWK, SHARP-SHINNED	R	→6/9	-	R	→5/11	-	R	R	R	-	→4/30	A
COOPER'S	R	A	-	R	R	-	R	R	R	-	A	A
GOSHAWK, NORTHERN	R	5/11	4/2	R	R	-	R	R	4/6	-	5/8	-
HAWK, RED-SHOULDERED	R	A	-	R	R	-	-	A	R	-	4/18→	-
BROAD-WINGED	A	4/16	-	4/14→	4/12	-	-	5/11→	4/24	-	4/18→	-
RED-TAILED	R	A	R	R	R	-	R	R	R	-	A	R
KESTREL, AMERICAN	R	A	R	R	R	-	R	A	R	-	A	A
MERLIN	4/8-11	→4/17	-	-	-	-	-	-	4/20	-	-	-
FALCON, PEREGRINE	-	-	-	-	-	-	5/27-28	-	-	-	-	-
BOBWHITE, NORTHERN	-	A	-	R	A	-	-	R	-	-	-	-
RAIL, VIRGINIA	-	5/11	-	→5/18	-	-	-	5/11→	5/9	-	-	-
SORA	5/4	5/2	-	4/20-5/11	-	-	-	5/11→	5/9	-	-	-
COOT, AMERICAN	-	→6/11	→4/18	→4/17	→4/13	-	-	-	→4/3	-	4/18-6/27	-
POLOVER, BLACK-BELLIED	-	4/30-5/7	-	4/24-6/1	-	-	-	-	-	-	-	-
SEMPALMATED	-	-	-	→6/18	5/18-6/8L	-	-	-	5/15-17	-	-	-
KILLDEER	A	A	A	R	A	5/11	5/1→	A	A	-	5/4	5/5→
YELLOWLEGS, GREATER	→5/7	4/9-16	-	→5/18	4/1-5/26L	5/11	5/6	A	5/9	-	-	-
LESSER	4/28-5/7	→4/9	-	4/21-5/26	4/20-6/7L	-	5/22	-	-	-	-	-
SANDPIPER, SOLITARY	4/21-5/18	5/2-14	5/3	4/12-5/14	4/20-6/8L	-	5/5-22	5/11-22	4/28	-	5/1-14	-
SPOTTED	4/24→	4/27→	5/2→	4/21→	4/13E	-	5/6	5/11→	4/21→	-	4/22-5/20	5/3
SANDPIPER, SEMIPALMATED	5/11-12	-	-	6/18	5/8-6/8L	-	-	-	-	-	-	-
LEAST	4/25-5/12	5/21	-	4/21-6/18	5/10-6/7L	5/11	-	-	-	-	-	-
WHITE-RUMPED	-	-	-	5/29-6/18	6/5-8L	-	-	-	-	-	-	-
PECTORAL	-	-	-	5/5	5/18	-	-	-	-	-	-	-
DUNLIN	5/11-18	4/30-5/1	-	4/16-6/8	5/18-6/7L	4/13	-	-	-	-	-	-
DOWITCHER, SHORT-BILLED	-	5/11	-	5/10-18	5/11	-	-	-	5/14	-	-	-
SNIFE, COMMON	→5/4	-	-	→5/11	→4/21	-	-	-	4/14-5/30	-	-	-
WOODCOCK, AMERICAN	A	A	A	A	A	4/26	4/26	A	A	-	-	-
BONAPARTE'S	→5/18	→5/21	-	→5/22	-	-	-	P	A	-	→5/25	→5/5
RING-BILLED HERRING	P	A	→4/14	R	A	-	5/9-21	-	A	-	-	-
GREAT BLACK-BACKED	-	-	4/7	R	-	-	-	-	-	-	-	-
TERN, CASPIAN	4/20	6/25	-	4/10-6/18	5/9	-	-	-	5/9	-	5/3	-
COMMON	-	-	-	5/9-22	-	-	-	-	4/24	-	-	-
FORSTER'S	-	4/8-5/28	-	5/5-6/30	5/10-17L	-	-	-	-	-	4/29	-
BLACK	-	4/30-5/21	-	5/1-6/1	-	-	-	-	-	-	5/13	-
CUCKOO, BLACK-BILLED	5/8→	5/11→	-	5/11→	5/10→	5/11	-	5/23→	5/9-11	-	6/7	5/22
YELLOW-BILLED	5/1→	5/7→	-	5/9→	5/11→	5/11	5/9-31	5/22→	5/25-6/13	-	5/11	-
OWL, BARN	-	-	-	-	4/27→	-	4/8	-	-	-	-	-
BARRED	R	4/13	-	R	R	-	R	R	R	-	4/24	-
LONG-EARED	-	-	-	→4/4	-	-	-	-	-	-	-	A
NORTHERN SAW-WHET	P	-	-	4/5	-	-	-	-	-	-	-	-
NIGHTHAWK, COMMON	5/11→	5/9→	5/30-6/1	5/11→	-	-	5/26→	5/28→	5/28	-	5/16-27	-
WHIP-POOR-WILL	4/10→	4/16→	-	-	4/27E→	-	6/14	-	-	-	-	-
SWIFT, CHIMNEY	4/25→	4/19→	5/2→	4/21→	4/20→	5/4	4/17→	P	4/17→	-	4/22→	-
HUMMINGBIRD, RUBY-THROATED	4/26→	5/1→	-	4/25→	4/29→	5/5	4/12	5/11→	4/11→	-	5/6→	-
WOODPECKER, RED-HEADED	5/4-6	5/5-13	-	R	A	-	6/10-17	-	A	-	→6/24	5/16
SAPSUCKER, YELLOW-BELLIED	→4/8	→5/11	-	→5/9	→5/19	5/25	-	R	A	-	-	-
FLICKER, NORTHERN	R	A	A	R	R	-	A	5/11→	R	-	-	A
FLYCATCHER, OLIVE-SIDED	-	-	-	5/18	-	-	-	5/27	R	-	5/26-27	-
WOOD-PEWEE, EASTERN	5/8→	5/9→	-	5/9→	5/10	5/5	5/9-31	P	5/9→	-	5/11→	5/11
FLYCATCHER, YELLOW-BELLIED	-	5/14-21	-	5/11-18	5/10-11	-	-	P	5/15	-	-	-

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	HUNTINGDON	INDIANA	LACKAWANNA	LANCASTER	LEBANON	LEHIGH	LYCOMING	MCKEAN	MERCER	MONROE	MONTGOMERY	MONTOUR
ACADIAN	5/8→	5/11→	-	5/11→	5/5→	-	5/1-27	P	5/9→	-	5/6→	-
ALDER	5/19→	5/22→	-	5/11→	6/16→	6/16	-	P	5/23	-	-	-
WILLOW	5/4→	5/11→	5/24	5/11→	5/11→	-	5/26-6/4	P	5/11→	-	5/14→	-
LEAST	4/26→	5/4→	P	5/3	5/4→	-	5/4	5/11→	4/26-5/17	-	5/15-17	5/11
PHOEBE, EASTERN	A	A	A	A	A	-	A	5/11→	A	-	A	A
FLYCATCHER, GREAT CRESTED	4/21→	5/4→	-	4/27→	4/21	5/4	5/3→	-	4/27→	-	4/28→	5/11→
KINGBIRD, EASTERN	4/21→	4/30→	5/4→	4/27→	5/11	5/10	5/2-22	5/11→	5/2→	-	4/19→	-
VIREO, WHITE-EYED	4/25→	4/20→	-	4/19→	4/20E→	6/16	-	5/27	5/15→	-	4/18→	-
BLUE-HEADED	4/9→	4/9→	5/2	4/14-5/11	4/14→	-	5/1→	5/11→	4/23-5/11	-	4/18-5/13	-
YELLOW-THROATED	4/18→	4/27→	-	5/3→	5/11→	5/11	-	5/11→	5/1→	-	5/1→	-
WARBLING	4/21→	4/30→	5/4→	4/24→	4/28E→	-	5/4-6/7	5/11	4/20→	-	4/30→	-
PHILADELPHIA	5/15	5/11	-	-	-	-	-	5/11-27	5/9	-	-	-
RED-EYED	5/1→	5/4→	5/13→	5/3→	4/27→	5/1	5/6→	5/11→	4/28	-	5/2→	-
CROW, FISH	A	A	A	R	R	-	A	-	-	-	A	-
RAVEN, COMMON	R	A	-	R	A	-	R	R	-	-	-	-
LARK, HORNED	-	A	-	R	A	-	-	-	A	-	-	-
MARTIN, PURPLE	5/2	5/28	-	A	A	-	4/1→	-	5/11→	-	4/12→	-
SWALLOW, TREE	A	A	A	A	A	-	A	5/11→	A	-	-	4/4→
NORTHERN ROUGH-WINGED	4/6→	A	5/13→	4/13→	4/4E→	4/13	4/11→	5/11→	4/12→	-	4/6→	-
BANK	5/18	4/20→	-	4/24→	4/7E→	-	5/6	5/11	5/9	-	4/22-6/1	-
CLIFF	4/4	4/30→	-	5/3→	5/10→	-	-	5/11→	4/18→	-	5/3-18	-
BARN	4/21→	4/10→	5/2→	A	4/21→	5/1	4/25→	5/11→	4/12→	-	A	5/11→
CHICKADEE, CAROLINA	-	-	-	R	R	-	-	-	-	-	A	-
BLACK-CAPPED	R	A	-	R	R	-	R	R	R	-	P	A
NUTHATCH, RED-BREASTED	R	A	-	→5/11	→5/18	-	-	R	4/1-2	-	→4/24	-
CREEPER, BROWN	R	A	-	→4/4	R	-	R	5/11→	→6/30	-	→4/4	-
WREN, HOUSE	4/19→	4/15→	4/28	4/10→	4/14→	4/17	5/1→	5/11→	4/15→	-	4/17→	4/18→
WINTER	R	4/6-5/11	-	→4/4	R	-	-	A	4/4	-	-	-
MARSH	6/8	-	-	-	-	-	-	-	-	-	-	-
KINGLET, GOLDEN-CROWNED	R	A	4/18	-	→4/14	-	4/7	5/11	-	-	→4/7	-
RUBY-CROWNED	4/3-5/11	→5/11	-	→5/11	→5/11	-	→5/8	5/11	4/24-5/11	-	4/9-5/14	-
GNATCATCHER, BLUE-GRAY	4/6	4/16→	-	4/19→	A	6/16	4/26→	5/11→	4/12-5/11	-	4/11→	-
VEERY	5/10→	5/11→	5/24	5/3→	4/19E→	-	5/10→	5/11	5/10→	-	5/8-14	-
THRUSH, GRAY-CHEEKED	-	5/14	-	4/19E-26	5/25	-	-	-	-	-	5/20-27	-
SWAINSONS	5/22	5/11-21	5/26	5/11-18	5/20-29L	5/11	-	5/11→	5/10-19	-	5/8-6/1	-
HERMIT	R	A	4/28→	→5/11	R	-	-	5/11	4/11-5/11	-	4/19-5/8	-
WOOD	4/28→	4/28	-	4/27→	4/28→	4/20	5/1→	5/11→	4/18E→	-	4/28→	5/11→
ROBIN, AMERICAN	R	A	A	R	R	-	R	A	R	-	A	A
CATBIRD, GRAY	4/21→	4/18→	5/2→	4/27→	4/14→	-	5/4→	5/11→	4/28→	-	4/28→	5/11→
THRASHER, BROWN	A	4/11→	4/18→	4/27→	4/7→	4/19	5/1→	5/11→	A	-	4/20→	5/3
PIPT, AMERICAN	-	-	-	→5/11	→4/20	5/11	-	-	→5/11	-	-	-
WARBLER, BLUE-WINGED	5/3→	4/27→	-	5/5→	4/19E→	-	-	5/11→	4/23→	-	4/24→	-
GOLDEN-WINGED	5/11	5/11→	-	5/11	5/11	-	-	5/11	5/5	-	-	-
TENNESSEE	5/11	5/10-21	-	5/11	5/11	5/25	-	5/11-24	5/7-24	-	5/19	-
ORANGE-CROWNED	-	5/11	-	-	-	-	-	-	-	-	-	-
NASHVILLE	5/3-11	5/4-20	-	4/28-5/11	4/28E-5/17	-	-	5/11-24	5/4-20	-	5/6-14	-
PARULA, NORTHERN	4/17→	4/15→	5/5	4/13→	5/5→	5/6	5/17→	5/11	5/9	-	4/4→	5/5
WARBLER, YELLOW	4/19→	4/15→	4/28→	4/13→	4/20E→	5/11	4/18→	5/11→	4/16E→	-	4/18→	5/11→
CHESTNUT-SIDED	5/4→	5/4→	-	5/3→	4/28→	5/10	5/10→	5/11→	5/2→	-	5/7-10	-
MAGNOLIA	5/4→	5/4→	-	5/11-25	5/10→	5/10	5/8→	5/11→	5/2→	-	5/6-27	-
CAPE MAY	-	5/11-14	-	-	-	-	-	5/12	5/15	-	5/15	-
BLACK-THROATED BLUE	5/5→	5/4→	-	5/3-18	5/4→	5/10	5/8→	5/11→	5/2-13	-	5/6-14	5/5
YELLOW-RUMPED	A	→6/27	4/10→	→5/22	→5/18	-	4/17→	5/11→	→5/24	-	→5/20	4/26
BLACK-THROATED GREEN	4/17→	4/28→	-	4/21-5/18	4/21→	-	4/28→	5/11→	4/16-5/7	-	4/29-5/19	-
BLACKBURNIAN	5/2→	5/4→	-	5/3-11	5/10→	-	4/26→	5/11→	5/2→	-	5/6-24	-
YELLOW-THROATED	4/19→	4/6→	-	4/13→	-	-	-	-	-	-	4/10-14	-
PINE	A	A	-	4/14-5/11	A	-	4/20→	5/11	-	-	4/2-5/13	-

SEASONAL OCCURRENCE TABLES - APRIL THROUGH JUNE 2002

	HUNTINGDON	INDIANA	LACKAWANNA	LANCASTER	LEBANON	LEHIGH	LYCOMING	MCKEAN	MERCER	MONROE	MONTGOMERY	MONTOUR
PRAIRIE	5/4→	4/27→	-	4/20→	5/11→	-	5/10→	5/11-24	-	-	4/18-5/29	5/11
PALM	5/1-11	4/30-5/14	-	-	4/6-28	4/3	-	5/11	4/20-5/11	-	4/4-5/2	-
BAY-BREASTED	5/15	5/11-21	-	5/11	-	5/11	5/8	5/11-24	5/9-11	-	5/13	-
BLACKPOLL	5/2-22	5/11-6/1	-	5/11-6/2	5/17-27	5/25	-	5/24-27	5/15	-	5/6-28	-
CERULEAN	4/19→	5/11→	-	5/3→	-	-	-	5/11	5/5→	-	-	-
BLACK-AND-WHITE	4/16→	4/18→	5/7	4/19→	4/20→	4/8	4/20→	5/11→	4/24→	-	4/29→	5/14
REDSTART, AMERICAN	4/18→	4/30→	5/24	5/3→	5/10→	5/26	5/5→	5/11→	5/2→	-	5/8→	-
WARBLER, PROTHONOTARY	-	-	-	5/5→	-	-	-	5/11	-	-	4/16	-
WORM-EATING	4/19→	4/19→	-	5/11→	5/4→	5/25	5/9→	-	5/11	-	5/5→	-
OWENBIRD	4/19→	4/28→	5/24→	5/3→	4/20E→	4/18	4/27→	5/11→	4/20-6/29	-	4/24→	5/11→
WATERTHRUSH, NORTHERN	4/19→	5/2-21	-	5/3-18	5/11→	5/26	4/27→	5/11→	5/9→	-	5/13-18	-
LOUISIANA	A	4/9-6/29	-	4/17→	4/4→	4/1	4/26→	5/10→	5/5→	-	4/7	-
WARBLER, KENTUCKY	5/4→	5/9→	-	4/17→	5/5→	-	-	P	5/15→	-	5/5→	-
MOURNING	5/25-26	-	-	5/11	5/10E-17	5/11	-	5/23→	5/10	-	-	-
YELLOWTHROAT, COMMON	4/21→	4/20→	5/3→	4/17→	A	4/26	5/1→	5/11→	4/28→	-	4/18→	5/11→
WARBLER, HOODED	5/1→	4/30→	-	5/3→	4/28E→	5/11	5/8	5/11→	5/2→	-	5/24→	-
WILSON'S	5/6	5/9-20	-	5/11-18	5/10-18	5/11	-	5/10	5/11	-	5/6-20	-
CANADA	5/4→	5/11→	-	5/11-18	5/11→	-	-	5/11→	5/13	-	5/8-14	-
CHAT, YELLOW-BREASTED	5/4→	5/11→	-	5/11→	P	5/11	-	P	5/20→	-	5/12→	-
TANAGER, SCARLET	4/26→	4/28→	5/13→	5/2→	4/21E→	5/1	5/6→	5/11→	5/2→	-	5/5→	5/11→
TOWHEE, EASTERN	4/3→	A	A	R	A	5/18	4/25→	5/11→	A	-	4/3→	5/11→
SPARROW, AMERICAN TREE	→4/2	-	-	-	-	4/3	-	P	→4/15	-	-	-
CHIPPING	A	A	4/10→	4/9→	A	-	4/5→	5/11→	4/7→	-	4/3→	-
FIELD	4/3→	A	4/18→	R	A	-	5/2→	5/11→	4/8→	-	-	-
VESPER	4/13→	4/11→	-	A	A	4/4	-	5/11	-	-	-	5/16
SAVANNAH	4/7→	5/11→	-	R	A	-	-	5/11→	4/10→	-	4/18-5/19	5/16
GRASSHOPPER	P	5/11→	-	5/3→	5/11→	-	-	5/11	5/11	-	-	5/16
HENSLOW'S	-	5/11→	-	-	-	-	-	-	-	-	-	-
FOX	→4/13	→4/13	-	-	→5/11	-	-	P	→4/5	-	-	-
LINCOLN'S	R	A	-	5/11	5/11	5/10	-	-	5/11-15	-	5/8	-
SWAMP	R	A	-	R	R	5/11	-	5/11→	4/28→	-	4/4-5/2	-
WHITE-THROATED	→5/11	→5/14	4/28	→5/18	→5/18	-	→5/10	R	→5/11	-	→5/14	→5/11
WHITE-CROWNED	→5/15	5/4-17	-	→5/12	→5/11	-	5/6	5/11	5/2-19	-	→4/20	-
JUNCO, DARK-EYED	R	→5/11	-	→4/7	R	-	R	R	A	-	→6/1	-
GROSBEAK, ROSE-BREASTED	5/1→	4/15→	5/24→	5/11-18	4/29→	-	5/1→	-	4/25E→	-	4/28→	-
BLUE	5/1→	5/11	-	5/11→	6/20	-	-	-	-	-	-	-
BUNTING, INDIGO	5/4→	5/4→	5/24	4/19→	4/21E→	5/12	5/9→	-	4/20→	-	5/8→	-
BOBOLINK	5/3-11	5/11→	-	5/3→	5/11→	-	-	5/11→	4/30→	-	5/4→	5/16
BLACKBIRD, RED-WINGED	A	A	A	R	R	-	R	A	A	-	A	4/17
MEADOWLARK, EASTERN	A	→5/14	5/24→	R	A	-	-	5/11→	A	-	A	5/11
BLACKBIRD, RUSTY	P	-	-	-	→4/6	-	-	-	→5/11	-	-	-
GRACKLE, COMMON	A	A	A	R	R	-	-	-	A	-	A	5/5
COWBIRD, BROWN-HEADED	A	A	4/28	R	R	-	4/17→	5/11→	A	-	A	4/17→
ORIOLE, ORCHARD	5/1→	5/9→	-	4/24→	5/10	5/11	6/8	-	5/2→	-	4/30→	5/16
BALTIMORE	4/26→	4/27→	5/7	4/30→	5/4	5/1	5/1→	5/11→	5/1→	-	4/28→	5/4→
FINCH, PURPLE	→5/11	A	-	→5/4	→5/11	4/18	R	A	A	-	→6/1	-
SISKIN, PINE	→5/20	4/21-5/11	-	→5/11	→5/5	-	4/28-5/19	-	-	-	→4/10	-
GROSBEAK, EVENING	5/6	4/30	-	4/19	4/19	-	-	-	-	-	-	-

	NORTHAMPTON	PHILADELPHIA	POTTER	SCHUYLKILL	SOMERSET	SUSQUEHANNA	TIOGA	VENANGO	WESTMORELAND	WYOMING	YORK
LOON, RED-THROATED	5/13-15	-	-	-	-	-	-	-	-	5/2	-
COMMON	4/11-5/15	→5/17	4/14	→5/21	4/28	4/2	4/29-6/30	4/2-5/14	4/21	→5/11	A
GREBE, PIED-BILLED	4/15	→4/13	4/10	→5/11	-	-	4/27	→4/24	P	→5/11	→5/1
HORNED	4/15	-	-	4/3-5	-	-	-	→4/25	4/12	→4/7	→4/4
CORMORANT, DOUBLE-CRESTED	4/26-29	A	-	→6/21	4/21	4/30	5/2	4/16-6/16	6/2	5/3-29	→5/28
BITTERN, AMERICAN	5/7	4/7	4/28	4/6-5/13	-	-	4/27→	-	4/10	5/11	4/17-27

SEASONAL OCCURRENCE TABLES - APRIL THROUGH JUNE 2002

	NORTHAMPTON	PHILADELPHIA	POTTER	SCHUYLKILL	SOMERSET	SUSQUEHANNA	TOGA	VENANGO	WESTMORELAND	WYOMING	YORK
LEAST	-	A	-	-	-	-	6/8	-	-	-	-
HERON, GREAT BLUE	A	A	A	A	P	4/11	-	A	A	4/12→	P
EGRET, GREAT	4/15-29	A	-	5/13-14	-	-	-	4/6-5/22	-	-	4/2→
SNOWY	-	4/7	-	5/11	-	-	-	5/5	-	5/5	6/3
HERON, GREEN	4/25→	4/7	5/1→	4/23→	5/30	-	5/24	4/21→	P	5/7	4/20→
NIGHT-HERON, BLACK-CROWNED	-	A	-	-	-	-	-	-	-	-	-
VULTURE, BLACK	A	P	4/12	A	-	-	-	-	-	-	R
TURKEY	A	A	-	A	A	5/6	-	A	A	A	R
SNOW	→6/5	→6/30	-	6/10	-	-	-	-	-	-	R
CANADA	R	R	A	R	R	A	-	R	R	P	R
SWAN, MUTE	A	P	-	R	-	-	-	-	R	R	R
TUNDRA	-	-	-	-	-	-	4/13	-	-	4/11	4/21L
DUCK, WOOD	A	A	A	A	A	4/19	-	A	A	A	R
GADWALL	-	5/19-6/13	-	-	-	-	-	4/2-11	-	-	→4/10
WIGEON, EURASIAN	4/15	→4/7	P	4/10	4/21	4/15	-	4/7-10	P	-	→5/1
DUCK, AMERICAN BLACK	P	R	P	-	-	-	-	5/2	P	→5/11	R
MALLARD	R	R	A	R	R	R	A	5/2	P	R	R
TEAL, BLUE-WINGED	-	4/8	4/15	→4/21	-	-	-	4/6-9	4/13	-	→5/7
SHOVELER, NORTHERN	-	→4/7	-	-	-	-	-	4/6-14	-	-	→4/11
PINTAIL, NORTHERN	-	-	-	5/11	-	-	-	-	-	-	-
TEAL, GREEN-WINGED	5/13	→4/26	-	4/1-7	-	-	-	5/2	P	→4/8	→5/1
CANVASBACK	-	-	-	4/1	-	-	-	4/2-24	-	-	-
REDHEAD	-	-	-	-	-	-	-	4/8-11	-	-	-
DUCK, RING-NECKED	P	-	-	→4/13	4/22	-	-	4/2-11	04/14	→4/22	→5/1
SCAUP, GREATER	4/15-5/11	-	-	-	-	-	-	4/2-21	-	→4/4	-
LESSER	4/15	-	→4/12	-	4/22	-	-	4/1-5/4	P	-	→5/1
WHITE-WINGED	-	-	-	-	-	-	-	5/2-12	-	-	-
DUCK, LONG-TAILED	4/15	-	-	-	-	-	-	-	-	-	→4/21
BUFFLEHEAD	4/15	-	→5/1	4/15-22	4/23	4/15	-	→5/14	→4/15	→4/19	→5/11
GOLDENEYE, COMMON	-	→4/24	-	4/15	-	-	-	-	-	-	-
MERGANSER, HOODED	-	→4/24	A	→4/13	-	4/11	-	4/1-5/23	P	→5/11	→4/8
COMMON	P	→4/20	A	→5/14	-	4/11	-	4/2-25	-	R	→5/1
RED-BREASTED	4/11	-	P	4/13-19	-	-	-	R	→4/21	→4/5	→5/6
DUCK, RUDDY	4/15-5/20	A	4/28-5/2	4/6-5/12	4/22	-	-	→5/14	→5/11	-	-
OSPREY	4/3→	4/7→	P	4/3-6/21	4/1	4/30	4/23→	4/6-5/17	A	4/8-5/11	A
EAGLE, BALD	5/11-20	P	P	A	4/23	-	R	R	P	A	R
HARRIER, NORTHERN	5/4	-	A	4/1-5/25	4/5-6/24	-	5/28	4/6→	P	5/11→	-
HAWK, SHARP-SHINNED	R	→5/17	A	R	A	-	A	R	A	5/11	A
COOPER'S	R	A	A	R	A	-	-	R	A	4/8→	R
GOSHAWK, NORTHERN	5/25	-	P	4/30	-	-	6/7	-	-	-	-
HAWK, RED-SHOULDERED	5/27	→4/20	4/27	R	5/24	-	-	4/4-6/15	A	-	-
BROAD-WINGED	4/17-5/25	4/16-28	4/20→	4/9→	4/27	6/14	4/18-6/9	4/17→	4/17→	5/29→	R
RED-TAILED	R	R	A	R	R	R	-	R	R	R	R
KESTREL, AMERICAN	R	R	A	R	A	R	-	A	R	R	R
MERLIN	5/14	4/24	-	4/16-29	-	-	-	-	-	5/11	-
FALCON, PEREGRINE	-	R	-	-	-	-	-	5/5	-	-	5/11
BOBWHITE, NORTHERN	5/14	-	-	5/2	6/10	-	-	-	-	-	R
RAIL, VIRGINIA	-	4/17	-	-	-	-	4/14→	6/17-23	4/21	5/6→	5/3
SORA	-	-	-	-	-	-	5/7→	5/21	4/20-5/11	5/11→	-
COOT, AMERICAN	-	→4/20	-	-	-	-	-	4/2-14	P	-	-
PLOVER, BLACK-BELLIED	-	5/14-19	-	-	5/14	-	-	-	-	-	-
SEMPALMATED	5/12	5/14-19	-	-	5/18	-	-	5/11	-	-	P
KILLDEER	A	4/1-30	A	A	A	A	A	4/2→	A	A	R
YELLOWLEGS, GREATER	4/29	4/3-6/13	4/1-30	4/7-5/13	4/6	-	-	5/11	4/20	-	4/2-5/11
LESSER	-	-	4/26	4/29-5/13	5/1	-	-	5/1-11	4/20	5/11	4/30-5/11
SANDPIPER, SOLITARY	P	4/30-5/19	4/22	4/27-5/13	5/1	-	4/26	4/30-5/11	P	5/2-11	4/20-5/21

SEASONAL OCCURRENCE TABLES - APRIL THROUGH JUNE 2002

	NORTHAMPTON	PHILADELPHIA	POTTER	SCHUYLKILL	SOMERSET	SUSQUEHANNA	TOGA	VENANGO	WESTMORELAND	WYOMING	YORK
SPOTTED UPLAND SANDPIPER, SEMIPALMATED LEAST	4/26→	4/21→	4/21→	4/25→	4/22	5/14	5/7-28	4/27-6/23	4/20	4/18→	4/7→
WHITE-RUMPED PECTORAL	4/25-5/20	4/29-5/13		5/11-13	5/2			5/14	5/4		5/11
DUNLIN	5/8-14				5/18			4/25			5/11-21
DOWITCHER, SHORT-BILLED					5/2			5/1			→6/3
SNIBE, COMMON	4/26	→4/24		4/2-5/13	4/6	4/2	4/2→	4/1-6/17	A	→4/9	
WOODCOCK, AMERICAN		A	A	A	A		6/7	4/9-5/12	A	4/9→	
BONAPARTE'S RING-BILLED HERRING	4/15	4/3	4/3	4/2-24	4/21			4/2-6/16	4/8	4/22	4/4-22
GREAT BLACK-BACKED TERN, CASPIAN	4/15-5/20	A	4/1-10		4/21			4/15-5/14		→5/11	A
COMMON FORSTER'S BLACK			4/26-5/2		4/21		4/28	4/21-5/12	4/21		4/27-5/11
CUCKOO, BLACK-BILLED	5/3	5/5-6/2	5/13		4/20-28		5/1	4/9	4/15		5/25
YELLOW-BILLED OWL, BARN	5/15→	4/17	6/8→	5/10→	5/18-20		5/28	4/17-6/20	4/15		4/11E
BARRED LONG-EARED NIGHTHAWK, COMMON	5/11			5/17				5/11-12			5/19
WHIP-POOR-WILL	4/24			4/16→	6/7		5/10	5/11			5/10
HUMMINGBIRD, RUBY-THROATED	4/26→	4/17→	5/1→	4/18→	A	6/14	5/11→	4/23→	4/17→	4/19→	5/5-6/15
WOODPECKER, RED-HEADED		5/8→	5/11→	4/24→	5/1	6/28	5/7	5/3→	4/23→	5/6→	4/25→
SAPSUCKER, YELLOW-BELLIED	5/11	→4/17-6/12	4/5→	→4/14	4/15	4/11	4/2→	5/9-6/1	A		R
FLICKER, NORTHERN	A	R	A	R	A	4/8	A	4/12→	A	A	R
FLYCATCHER, OLIVE-SIDED	5/14	5/29	5/26-29	5/11-25	6/9			5/12-27			
WOOD-PEWEE, EASTERN	5/10→	4/30	6/2→	5/7→	5/16	6/28	5/25→	5/11→	P	5/23→	4/27→
FLYCATCHER, YELLOW-BELLIED	5/16-18			5/16					5/11-6/15		5/27
ACADIAN ALDER	5/14-6/5	5/1→		5/11→	6/4	6/14		5/11-6/20	P		5/7
WILLOW	5/26→		6/2→	5/25-6/30	5/28	6/14	5/15-6/9	6/8-16	5/26→		
LEAST PHOEBE, EASTERN	4/25-5/14	5/1→	5/27→	5/24→	5/16	6/14→	5/27→	5/11-6/16	5/11→	5/11→	5/19→
FLYCATCHER, GREAT CRESTED	A	A	5/9→	4/30→	6/3	5/6→		5/4-6/8	4/25→	4/19E	5/4-11
KINGBIRD, EASTERN	5/8→	4/24→	P	A	5/30	4/15→	A	4/2→	A	A	A
VIREO, WHITE-EYED	5/11	4/3	4/28→	4/30→	P	5/6→	5/4→	5/2→	P	5/7→	4/22→
BLUE-HEADED YELLOW-THROATED	5/11	4/14-5/18	4/11→	4/11→	4/15	4/19→	5/3→	4/9→	P	4/19→	4/10-5/12
WARBLING	5/2-6/17	5/1→		5/10→	6/9	5/6→		5/3→	5/4→	5/2→	4/20E-5/31
PHILADELPHIA RED-EYED	4/25→	4/29→		5/8-6/13	6/9	5/6→		5/4-6/13	5/3→	5/9→	4/22→
CROW, FISH	5/8→	4/29→	5/11→	5/3→	P	6/14→	5/16→	5/5-22	5/7-22	5/4→	5/11-12
RAVEN, COMMON	R	R	A	A	R			5/5→	4/30→	4/17E→	4/17E→
LARK, HORNED			A	R	R			4/22-27	R	R	R
MARTIN, PURPLE		5/1	P	4/14→	A			4/2-6/16	A	R	5/11-6/19
SWALLOW, TREE	4/15→	A	4/10	A	A	4/2→	4/10→	4/6→	A	A	A
NORTHERN ROUGH-WINGED	4/15→	A	4/15	4/3→	4/22			4/14→	P	5/3→	A
BANK SWALLOW	5/11-6/5	4/21→	4/22	4/27→	5/19			5/3-6/23	P	5/6→	5/11→
CLIFF	5/20		4/21→	4/7→	6/9		4/23→	4/9→	P	5/14	5/11-13
BARN CHICKADEE, CAROLINA	4/25→	4/19	4/13→	5/2→	A	4/30→	4/29→	5/1-6/23	4/13→	4/25→	4/2→
5/11		R							R		R

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	NORTHAMPTON	PHILADELPHIA	POTTER	SCHUYLKILL	SOMERSET	SUSQUEHANNA	TOGA	VENANGO	WESTMORELAND	WYOMING	YORK
BLACK-CAPPED	A	→6/1	A	R	R	R	-	R	R	R	5/2
NUTHATCH, RED-BREASTED	5/3-11	→5/13	A	R	4/15	-	A	4/1-6/6	6/5	A	5/3-10
CREEPER, BROWN	5/11	→4/21	A	R	6/12	R	-	4/10-5/11	A	R	-
WREN, HOUSE	4/3→	4/14	4/20→	4/17→	4/15	5/6→	4/18	4/23→	4/20	4/18→	4/8→
WINTER	-	→4/15	5/1→	4/7-5/11	4/9	6/14	6/9	4/6-6/23	A	-	4/2
MARSH	-	4/24→	-	5/11-13	-	-	6/9	-	-	-	-
KINGLET, GOLDEN-CROWNED	→4/6	→5/1	A	R	4/15	4/11	-	4/6-12	A	R	→4/6
RUBY-CROWNED	→4/15	→5/25	→4/12	→5/11	4/15	-	4/15	4/18-5/12	4/4-5/17	4/14-5/11	→5/11
GNATCATCHER, BLUE-GRAY	4/10→	4/6→	4/19→	4/7→	P	6/14	-	4/18→	P	4/19→	4/18→
VEERY	5/2→	4/17	5/27→	5/6→	4/27	6/14→	5/7→	5/3→	5/1→	5/9→	4/30-5/19
THRUSH, GRAY-CHEEKED	5/11	5/8	-	-	-	-	-	5/12-22	5/9-21	-	-
SWAINSONS	5/10-18	4/12-5/27	-	5/11-19	-	-	4/22	4/23-5/26	5/3-26	5/11→	5/7-6/6
HERMIT	→5/11	→4/30	4/5→	A	A	6/14→	-	4/11→	A	5/7→	→5/11
WOOD	4/25→	4/19	5/1→	4/27→	5/6	6/14→	5/5→	5/1→	4/18	5/6→	4/23→
ROBIN, AMERICAN	A	A	A	R	A	A	-	A	A	A	A
CATBIRD, GRAY	4/17→	4/24	5/2→	4/26→	P	5/6→	4/25→	5/2→	4/25→	5/2→	A
THRASHER, BROWN	4/15→	4/6	4/4→	4/7→	4/15	4/22→	4/13→	4/7→	4/13→	4/16→	4/2
PIPIT, AMERICAN	5/11	4/16	5/11→	5/11-15	-	-	-	5/11-14	-	-	-
WARBLER, BLUE-WINGED	4/20→	4/22-5/10	5/11→	4/27→	-	6/14	-	5/2→	4/26→	5/10→	4/27-5/26
GOLDEN-WINGED	-	-	-	5/8-6/24	6/9	-	5/11→	5/2-6/5	5/6→	-	-
TENNESSEE	5/25	5/7	-	5/10-25	5/20	-	-	5/11-17	5/9-24	-	5/10
ORANGE-CROWNED	-	→4/7	-	-	-	-	-	-	5/8-15	-	-
NASHVILLE	5/2-11	4/27-5/18	-	5/5-11	-	-	5/7→	5/1-27	4/19-5/19	4/30→	5/2-11
PARULA, NORTHERN	4/15→	4/17-5/25	-	4/16→	5/21	-	-	5/5-6/23	4/17→	5/6→	4/14E→
WARBLER, YELLOW	4/26→	4/15→	5/11→	4/18→	4/19	5/6→	5/4→	4/26→	4/19→	4/30→	4/12→
CHESTNUT-SIDED	5/2-25	5/6	5/11→	5/2→	5/16	6/14→	5/2→	5/1→	5/2→	5/2→	5/1-22
MAGNOLIA	5/2-20	5/8-27	5/11→	5/11-6/26	6/4	6/14→	5/10→	5/3→	5/2→	5/10→	5/2-25
CAPE MAY	-	4/27-6/1	-	-	5/20	-	-	-	P	5/2	5/12-13
BLACK-THROATED BLUE	5/2-11	4/30-6/30	5/11→	4/30→	5/20	-	5/13-6/9	5/3-6/20	5/2	5/9→	5/1-5/19
YELLOW-RUMPED	4/14-5/20	→5/10	4/13→	A	5/3	4/19→	4/18→	4/24-5/22	→5/19	4/16→	→5/15
BLACK-THROATED GREEN	4/25-5/25	4/29-5/10	4/28→	4/17→	4/20	6/28	5/1-6/9	4/23→	P	5/2→	4/27-5/15
BLACKBURNIAN	5/11-5/20	5/8	5/1→	4/30→	6/27	6/14→	5/10→	5/3-6/23	5/4→	5/11→	5/6-19
YELLOW-THROATED	4/13→	4/7-5/19	-	-	6/9	-	-	4/26-6/16	5/5→	-	4/17-5/11
PINE	4/7	A	4/1	A	4/8	-	6/7	4/26-6/16	4/20	A	4/30-6/6
PRAIRIE	4/17→	4/20	-	4/22→	-	6/14	5/6	5/8-26	P	5/11→	4/22-5/20
PALM	4/3-26	→4/27	5/8	4/6-5/11	-	-	5/4	5/2-21	4/24-30	-	4/6-5/4
BAY-BREASTED	5/20	5/7	-	5/11	-	-	5/10	5/9-24	P	5/5-27	5/1-11
BLACKPOLL	5/12-25	5/7-6/30	5/29	5/13-27	5/23	-	5/25-28	-	5/14-29	4/24→	5/11-26
CERULEAN	4/26→	5/9-6/14	-	5/7-6/28	5/30	-	-	5/3→	5/4→	4/24-29	5/11→
BLACK-AND-WHITE	4/12	4/13-6/21	5/6	4/16→	P	6/14→	5/1→	4/24-6/23	4/19→	5/2→	4/20-5/28
REDSTART, AMERICAN	5/10	4/26→	5/11→	4/29→	5/20	5/6→	5/12→	4/25→	4/25→	4/28→	4/10→
WARBLER, PROTHONOTARY	-	5/19	-	-	-	-	-	-	5/7	-	4/24E-5/23
WORM-EATING	5/11→	4/27	-	5/3→	-	-	-	-	4/30→	4/30→	4/27-5/26
OVENBIRD	4/29→	4/17→	5/12	4/18→	4/30	-	5/4→	4/26→	4/21→	5/2→	4/19→
WATERTHRUSH, NORTHERN	4/19-5/14	4/20	P	5/2-27	5/16	5/6→	-	5/9-12	4/19-5/29	5/9→	5/9-28
LOUISIANA	4/20-5/15	4/13→	4/13→	4/4→	4/15	6/28	-	4/11-6/19	4/5→	4/14→	4/3→
WARBLER, KENTUCKY	-	5/19	-	5/11-25	5/30-6/21	6/14	-	5/8-22	4/23→	-	5/7-28
MOURNING	5/15-25	5/27-6/2	5/26	-	-	-	6/7	5/8-6/21	5/5-26	5/13	5/13
YELLOWTHROAT, COMMON	4/20→	4/20	5/2→	4/17→	4/20	5/6→	5/3→	5/1→	4/25→	5/2→	4/18→
WARBLER, HOODED	5/8→	5/5-6/2	5/11	5/3→	5/30	-	5/11→	5/1→	4/17→	-	4/30-6/15
WILSON'S	5/11	5/19	-	5/11	-	-	5/7	5/9-24	5/6-26	5/11-24	5/11
CANADA	5/2-20	5/19	6/15→	5/3→	5/16	6/14	-	5/9-6/23	5/5→	5/9→	5/9-11
CHAT, YELLOW-BREASTED	5/5→	5/11	5/11→	5/5→	6/9	-	-	-	4/26→	-	5/4→
TANAGER, SCARLET	5/2→	5/1	5/11→	5/4→	P	6/14→	6/10→	5/1→	4/23→	5/6→	4/27→
TOWHEE, EASTERN	4/12→	A	A	4/7→	A	4/19→	→4/13	4/9→	A	5/6→	R
SPARROW, AMERICAN TREE	→4/15	→4/10	→4/5	-	-	-	-	→4/14	-	-	4/13
CHIPPING	4/15→	A	A	A	A	4/15→	4/18	4/9→	A	4/9→	4/8→

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	NORTHAMPTON	PHILADELPHIA	POTTER	SCHUYLKILL	SOMERSET	SUSQUEHANNA	TOGA	VENANGO	WESTMORELAND	WYOMING	YORK
FIELD	4/15→	A	4/17→	A	A	4/19→	4/10→	A	A	4/14→	R
VESPER	4/15→	-	4/6→	4/14→	5/2	-	5/4	-	4/4→	6/25→	5/11-6/20
SAVANNAH	A	5/7-23	4/7→	4/13→	5/2	4/8→	5/28→	4/11→	4/14→	4/15→	5/11-6/18
GRASSHOPPER	-	-	5/11→	5/27→	5/2	-	5/28-6/9	5/8-6/27	5/11→	-	5/11→
HENSLOW'S	-	-	4/27→	-	5/28	-	-	5/10-6/27	-	-	-
FOX	→4/6	-	→4/15	→5/12	-	-	4/14	4/1-16	→4/16	→4/4	4/11
LINCOLN'S	5/7-14	5/19	5/11	5/11	-	-	5/12	4/26-5/11	5/4-23	-	-
SWAMP	→5/14	R	A	A	A	4/2→	-	4/9→	4/15→	4/17→	4/29-5/11
WHITE-THROATED	P	→5/22	A	→5/25	4/15	-	4/16-5/12	4/1-5/21	-	-	→5/11
WHITE-CROWNED	→5/20	→5/14	5/15-22	5/4-11	5/16-25	-	5/7-12	5/3-23	P	5/11	→5/11
JUNCO, DARK-EYED	5/3	→4/13	A	→5/11	-	R	5/7	A	A	R	→5/19
GROSBEAK, ROSE-BREADED	4/26→	4/29	4/26→	4/29→	4/20	6/14→	5/2→	5/1→	A	5/2→	4/21-6/15
BLUE	6/16-19	4/12→	5/7	-	-	-	-	-	5/11	-	5/28-6/20
BUNTING, INDIGO	5/6→	5/1→	4/29→	5/2→	P	6/14→	5/7→	5/5→	4/9	5/9→	4/28→
BOBOLINK	4/30→	5/7	5/6	5/1→	5/27	5/6→	5/28→	5/10→	P	5/6→	5/11-19
BLACKBIRD, RED-WINGED	A	A	A	A	A	A	-	A	A	A	R
MEADOWLARK, EASTERN	4/15→	-	A	4/10→	A	A	4/10→	4/11→	A	A	A
BLACKBIRD, RUSTY	4/3-5/2	→5/13	-	→5/11	-	4/8	4/26	-	4/9	-	4/8
GRACKLE, COMMON	A	A	A	A	A	A	-	A	A	A	R
COWBIRD, BROWN-HEADED	A	R	A	A	A	4/22→	-	A	A	A	R
ORIOLE, ORCHARD	4/25→	4/27	-	5/6→	-	-	-	5/10-6/23	5/1	-	4/19→
BALTIMORE	4/25→	4/27	5/3	4/30→	4/29	5/6→	5/6→	5/1→	4/30	5/2→	4/17→
FINCH, PURPLE	→5/11	→4/15	A	→5/25	A	-	A	A	A	A	4/14-30
SISKIN, PINE	4/10-5/13	→5/18	→5/11	→6/2	5/13-29	-	4/25-5/5	4/4-5/12	→5/17	-	5/12
GROSBEAK, EVENING	-	-	→5/10	-	-	-	4/25	-	-	-	-