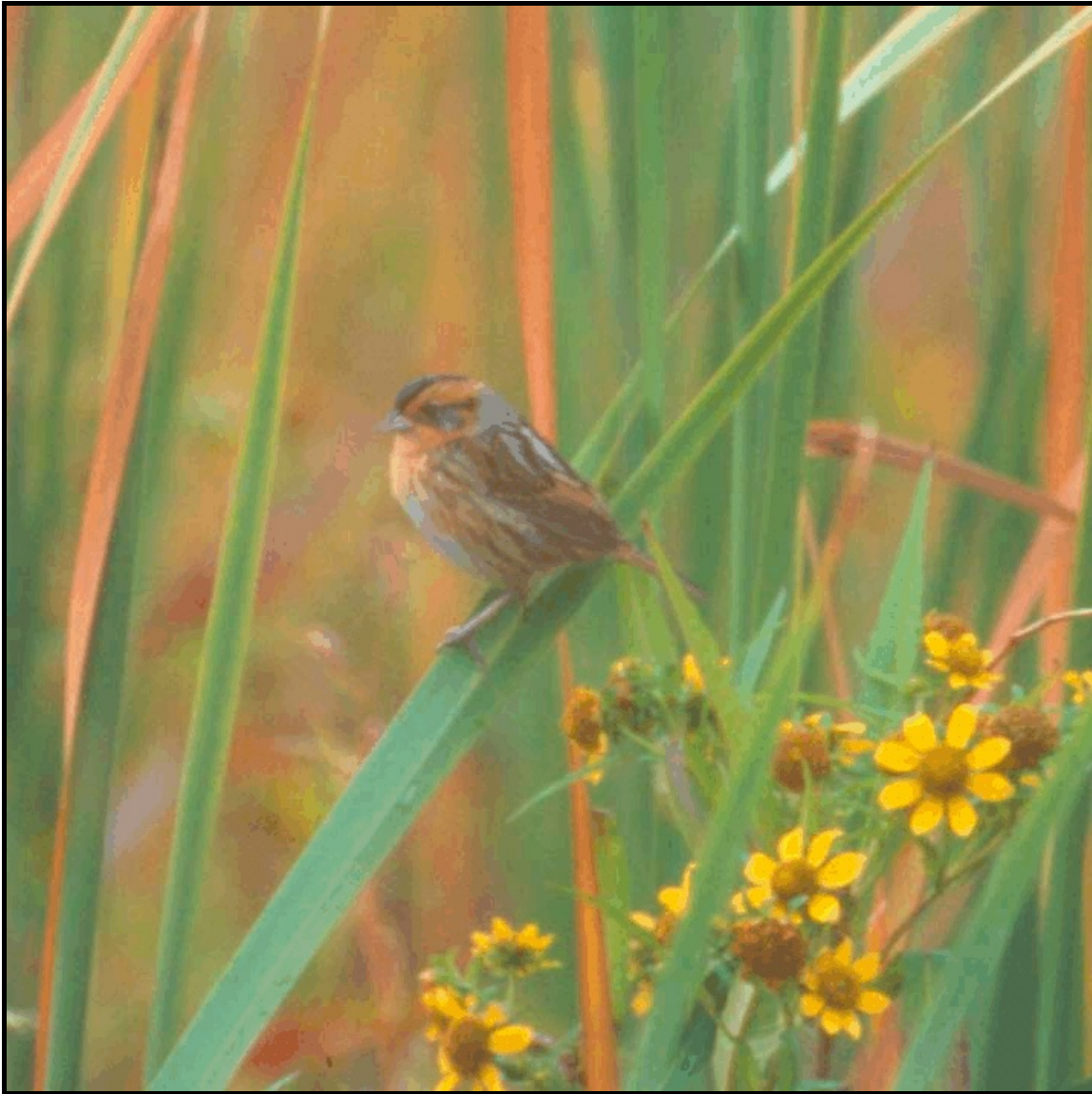


PENNSYLVANIA BIRDS



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ILLUSTRATIONS:

COVER: Nelson's Sharp-tailed Sparrow, Presque Isle State Park, *Erie*
Photo by Jerry McWilliams

from the Editor...

INTRODUCTIONS

Peter Robinson is the seasonal editor for this issue. Peter is not a newcomer to Pennsylvania Birds. He added editing duties to his already considerable duties as *Adams* compiler and compiler of the Pennsylvania Birdlists. Unfortunately, he found that his schedule will not allow him to continue in this position in future years, so we'll be welcoming a new seasonal editor for this season next year. We want to thank Peter for a job well done this year though.

Bill Reid is turning over the job of compiling *Bradford* to **Trudy Gerlach** starting with the second quarter of 2002. (Bill continues to collect reports for *Susquehanna* and *Wyoming*.) Thanks to Bill for doing a good job and to Trudy for taking on this responsibility.

And while I'm on the subject of thanking people, I'd like to thank you, the subscribers, for sticking with us through this difficult year of transition. We've been very slow at times, having to feel our way through unfamiliar tasks while trying to maintain the quality of the publication. Sometimes things have gone wrong - arrows that disappeared from one set of charts, a picture that got flipped over upside down, names misspelt. For these, we do apologize and we hope to continue to improve. In general, you've all been very patient with us, and we do appreciate that. We've got a much better feel for what we're doing now, having gone through it all once and your continued support is important to us.

IF YOU WANT TO SEE YOUR NAME IN PRINT....

Do you have the urge to see your name in print? To be a star? (At least in the local birding world.) If so, keep those reports coming in to your county compilers. Every report helps. And don't forget to turn in reports when you visit other counties. Just because you aren't a regular birder in another county doesn't mean your reports aren't valuable there too. Don't assume that someone else has already reported the birds you saw. For birds on PORC's list of rarities, or birds not on the official state list at all, descriptions would be appreciated both by us and by PORC. (See Volume 15, No. 2, page 57 for the list.) Some of you may worry that you're not very good at writing up reports. Guess what? Most of us weren't very good at it at first. Just do your best. As you've probably noticed, we've been printing excerpts of the various written descriptions of rare and interesting sightings that are submitted. So there's another chance to see your name in bold print for everyone to see. If you notice that many of these reports are from the same few people, it is because they're the ones who submit reports. YOU can do it too!

You can also submit pictures. Some of you have been submitting printouts of stills pulled from digital video. These are appreciated for documentation purposes, but many of them don't turn out to be suitable for publication due to the low resolution, so if you don't see yours in print, it isn't because we don't like you. If you have pictures in digital format, feel free to submit them in that format, either by e-mail to me or on

disk.

Submissions of articles are also appreciated. Do you know a nice local birding spot that you think is under appreciated? How about writing up a site guide for it? We like to print site guides, but they don't spring out of thin air - someone has to write them. Contact our Site Guide Editor, Rudy Keller if you're interested in writing one. Have you made some interesting behavioral observations? You don't have to be a professional writer to write up a short article about them. Suggestions on topics of interest are always welcome to. We can't promise to act on them right away, but do let us know what you'd like to see within these pages. This publication is not only **for** the birders of Pennsylvania, it is also **by** the birders of Pennsylvania.



Katrina Knight
Chief Editor

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The 2001-02 Christmas Bird Count in Pennsylvania

by Nicholas C. Bolgiano

The Christmas Bird Count (CBC) was held for the 102nd time from December 14, 2001 to January 5, 2002. A total of 168 species and two count-week species were reported from 67 sites in Pennsylvania. Mount Davis-Grantsville did not report, while Thompson reported after an absence of one year. The most noteworthy aspects about the 102nd count were the mild conditions that prevailed through the fall and the first part of the count period, a near record statewide species list that included many uncommon to rare species, and the continuation of recent trends.

The Weather

The fall period before the count was very mild, with November temperatures averaging about six degrees Fahrenheit warmer than normal. After the very cold temperatures of the 2000-01 count, the mildness was similar to the pattern seen during the previous three winters. The coldest extended period of the winter occurred during the second half of the count period, from December 25, 2001 to January 4, 2002. In addition, most of the state, particularly the eastern part, continued to experience a drought that began in 1997.

Comparison to Past Years

Participation, as measured by total

Table 1. Comparison to Previous Years

Year	Sites	Party Hours	Species	Mean Sp./Site
1992	62	5183	158	65
1993	63	5203	160	66
1994	64	5254	163	64
1995	65	5283	149	67
1996	64	5505	151	65
1997	67	5586	161	68
1998	67	5486	162	68
1999	68	5731	166	71
2000	67	4895	154	63
2001	67	5706	168	69

party hours, was about the same as in 1999. Last year, effort had fallen, presumably due to inclement weather. Species numbers for the 2001 count, as shown in the following table, were similar to the 1999 count, with the 168 statewide species being one less than the record number found in 1984. In this table, the year is the year in which Christmas occurs, data include some unofficial counts reported to Pennsylvania Birds, and omitted are subspecies, hybrids, exotics, sp. and count week species.

Top 10 Sites

Southern Lancaster County was the leader in species number, as it has been since 1993, with 105. A close second was Upper Bucks County, with 104 species, while Southern Bucks County was third with 100. All sites on the top 10 list were from southeastern Pennsylvania.

1. Southern Lancaster County	105
2. Upper Bucks County	104
3. Southern Bucks County	100
4. Delaware Co. (Glenolden)	98
5. Lancaster	97
6. Elverson	95
7. Central Bucks County	93
8. Harrisburg	91
9. Lititz	89
Reading	89

The Distribution of Sites and Species Numbers

As usual, the highest species numbers were reported from southeastern sites, as shown in the accompanying map. Sites with higher species numbers than neighboring sites commonly indicate an abundance of waterfowl and other water birds. This occurred at Erie, Linesville, Butler County, Indiana, Bushy Run, and Johnstown in the west, at Mansfield, Bloomsburg, and State College in the central part, and at

lower Susquehanna Valley and lower Delaware Valley sites in the southeast.

Eight established sites set new highs for species numbers. These included Clarion (+14), State College (+5), Bushy Run State Park (+3), Central Bucks County (+3), Emporium (+3), Lancaster (+1), Pleasantville (+1), and Upper Bucks County (+1). Clarion observers did exceptionally well at finding land birds.

Hits and Misses

A "hit" is a species found in 2001 but recorded less than 40% of the years between 1970-2000. A "miss" is a species not found in 2001 but recorded more than 60% of the years between 1970-2000. The combination of a high number of hits (23) and a low number of misses (2) are extraordinary for Pennsylvania and explains the high number of species observed.

The uncommon to rare species included individuals from a wide array of avian families. A first for the state CBC was **Harlequin Duck**, with six observed at Bethlehem-Easton. Other uncommon species included **Eared Grebe** (9th report) at Erie, **Spotted Sandpiper** (8th report) at Erie, **Ruddy Turnstone** (2nd report) at Erie, **Pacific-slope/Cordilleran Flycatcher** (3rd report of these two species) at Southern Lancaster County, **Eastern Kingbird** (4th and 5th reports) at Bloomsburg and Lehigh Valley, **Blue-headed Vireo** (7th report) at Delaware County, swallow species (6th report) at Central Bucks County, **Yellow Warbler** (3rd report) at Warren, **Yellow-throated Warbler** (2nd report) at Southern Lancaster County, **American Redstart** (6th report) at Bethlehem-Easton, **Clay-colored Sparrow** (4th report) at Elverson plus count week birds at Lewistown and Wild Creek-Little

Gap, and **Harris's Sparrow** (3rd report) at Wild Creek-Little Gap.

Southern Lancaster County's *Empidonax* flycatcher, identified as either Pacific-slope or Cordilleran, occurred in the same count circle where Pennsylvania's two previously confirmed Pacific-slope Flycatchers were found, during the 1990 and the 1991 CBC (McWilliams and Brauning 2000).

Hits

Red-necked Grebe
Eared Grebe
Great Egret
Greater White-fronted Goose
Ross's Goose
Brant
Harlequin Duck
Lesser Yellowlegs
Spotted Sandpiper
Ruddy Turnstone
Dunlin
Laughing Gull
Cordilleran/Pacific-slope Flycatcher
Eastern Kingbird
Blue-headed Vireo
swallow sp.
Yellow Warbler
Yellow-throated Warbler
American Redstart
Clay-colored Sparrow
Harris's Sparrow
Yellow-headed Blackbird
Brewer's Blackbird

Misses

White-winged Scoter
Red Crossbill

The count-week species were **White-winged Scoter** at Erie and **Blue-gray Gnatcatcher** at Delaware County.

Waterfowl and Other Water Birds

Erie was the place to find loons and grebes. The 18 **Red-throated Loons** and 447 **Common Loons**, along with 61 loon sp., far exceeded previous state highs. Erie birders also reported four species of grebes.

Greater White-fronted Geese were reported from four sites. Since

1997, they have been reported more frequently than previously. Twenty thousand **Snow Geese** were reported from both Lititz and Southern Lancaster County. The 121 **Wood Ducks**, 1,186 **Ring-necked Ducks**, and 1041 **Hooded Mergansers** were relatively high numbers; these species appear to be increasing in the state CBC. The 305 **Common Goldeneyes** were the fewest since 1961; this species appears to be decreasing in the state CBC.

Vultures and Raptors

Vulture numbers continued the upswing of recent years. **Black Vultures** reached a new high of 990, while the 3,478 **Turkey Vultures** were second only to the 1999 count.

During recent years, a number of diurnal raptors have been increasing during the Pennsylvania CBC, both in totals and counts/party hour. These trends continued in 2001, as new highs were reached for six hawks and eagles. 124 **Bald Eagles** were tallied, a similar total to the 122 found in 2000. **Bald Eagles** were reported from about half of the sites, more than any previous year.

The numbers of **Sharp-shinned** and **Cooper's Hawks** also set new highs. Although the fall hawk watch counts of **Sharp-shinned Hawks** have been generally level at eastern fall hawk watches in recent years, they may be staying farther north in the winter, accounting for their increasing trend (Viverette et al. 1996). The numbers of **Cooper's Hawks** have been steadily increasing at the eastern fall hawk watches; their CBC count/party hour level was similar to that of the pre-DDT era.

The number of **Red-tailed Hawks** has been rising since the early 1970s and this continued in 2001; the 3,596 **Red-taileds** set a new high. Eleven **Golden Eagles** were reported; the previous high was four in 1995. Was there a late push of **Golden Eagles**, did the relative warmth keep them here, or did an

abundance of deer carcasses from the combined buck-doe deer season attract them? The 22 **Merlins** were a new high (16 were reported in 1999); the 9 **Peregrine Falcons** was one less than 1999's total.

The 24 **Rough-legged Hawks** were a low number. During five of the last six years, their numbers/party hour have been the lowest since the mid-1940s.

High numbers of owls continued to be reported from some sites, especially New Bloomfield, Southern Lancaster County, Upper Bucks County, and West Chester. Numerous owls or proficient owlers reside there.

Five **Barn Owls** were reported from five different sites, which is welcome news. Forty-three **Long-eared Owls** were reported, with 20 at Bloomsburg and 12 at nearby Nescopeck Mountain. Of the 13 **Short-eared Owls**, seven were at Clarion. A new high of 26 **Northern Saw-whet Owls** was reached, with eight at Upper Bucks County.

Upland Game Birds

The numbers of the four upland game bird species reflect trends in land use and forest stages. The 213 **Ring-necked Pheasants** were, adjusted for party hours, the fewest since 1925. A single **Northern Bobwhite** was reported from Clarion. **Ruffed Grouse** numbers have been relatively low since a peak during the mid-1980s to early 1990s. **Wild Turkeys**, particularly in the northeast, the Delaware Valley, and the southwest, maintained high levels.

Gulls

Eight gull species were reported, including **Laughing**, **Iceland**, and **Glaucous**. Sixty-two thousand **Herring** and 192 **Lesser Black-backed Gulls** were reported from Southern Bucks County, the top North American CBC site for **Herring Gulls** during 1999-2000 and for **Lesser Black-backed Gulls** during 1996-2000. The number of **Lesser Black-backed**

was a new state record and possibly a North American record as well. Forty-two **Lesser Black-backed** were also tallied at Central Bucks County.

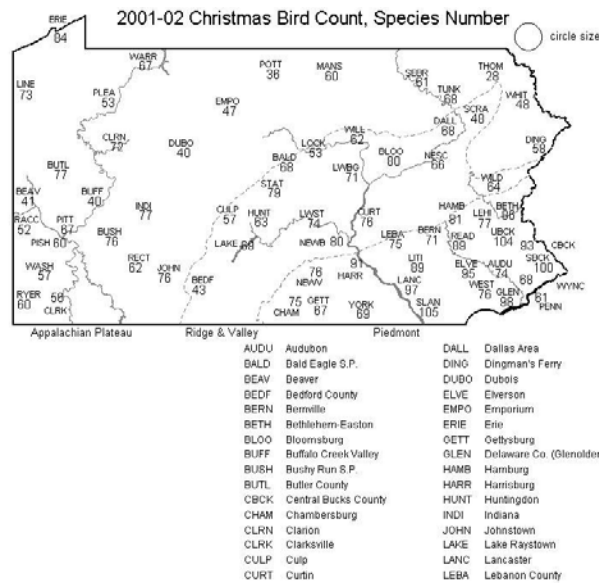
Woodpeckers to Blackbirds

Red-headed Woodpeckers were reported in good numbers; the 85 were the highest number since 1996. After the low numbers of 2000, they were found at 14 sites, which is similar to other years. There were 43 counted at Gettysburg, one of the top wintering sites in the Northeast, fifteen at Erie and eight at Upper Bucks County.

The increasing trends of **Red-bellied Woodpeckers** and **Yellow-bellied Sapsuckers** appeared to continue, with new highs of 4,263 and 560, respectively. The sapsucker number was 27% higher than the previous high from 1997.

The single **Loggerhead Shrike** at Chambersburg, the 9 **Northern Shrikes**, and two shrike sp. were about average. The 296 **Common Ravens** were a new high, with 81 at DuBois. Ravens were reported from about half of the Pennsylvania sites, whereas ten years ago, they were reported from only one-fifth of the sites. The numbers of **Red-breasted** and **White-breasted Nuthatches** were consistent with other recent flight years, which have recently tended to occur when Christmas falls in an odd-numbered year. **Carolina Wrens** seem to have been little affected by the cold temperatures of the winter of 2000-01; their count/party hour level neared the previous high levels of 1991-92. The 8,463 **Eastern Bluebird** numbers were near their 1999 high.

The 5,803 **American Tree Sparrows** were relatively low, while the 346 **Fox Sparrows** were relatively high. The 33 **Eastern Meadowlarks** were the fewest counted since 1947; their number/party hour was the lowest ever, other than in 1905 and 1907 when effort was low and none were



tallied.

Finches

If the long-term pattern of winter finches numbers had held true, we would have seen high counts of four winter finch species in 2001, which tend to occur in alternate years (Bock and Lepthien 1976; Bolgiano 1997; Koenig and Knops 2001). While the 914 **Purple Finches** and 1,063 **Pine Siskins** were consistent with the long-term pattern, the 82 **Common Redpolls** and the 64 **Evening Grosbeaks** were more typical of non-flight years. Small numbers of **Pine Grosbeaks** and **White-winged Crossbills** but no **Red Crossbills** were reported.

House Finches have apparently stabilized after the sharp 1995-96 declines, with counts/hour being about half of the peak values observed during the early 1990s. The numbers of **American Goldfinches** were again high, similar to the warm winters of 1997-99, following the average numbers of 2000.

Acknowledgment: This report was possible because of many hours spent by numerous birders and by the count compilers.

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PENNSYLVANIA'S 2001 CHRISTMAS BIRD COUNTS

	AUDU	BALD	BEAV	BEDF	BERN	BETH	BLOO	BUFF	BUSH	BUTL	CBCK	CHAM	CLRN	CLRK	CULP	CURT	DALL
Common Loon	-	1	-	-	-	-	-	-	-	4	-	-	-	-	-	-	1
Pied-billed Grebe	7	-	-	-	-	3	-	-	5	5	2	1	-	-	4	-	2
Horned Grebe	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
Red-necked Grebe	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Eared Grebe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Double-crested Cormorant	-	-	-	-	-	-	-	-	2	11	-	-	-	-	-	-	-
Great Cormorant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Great Blue Heron	36	4	15	1	18	38	10	-	5	5	35	21	2	1	3	2	1
Great Egret	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black-crowned Night Heron	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black Vulture	30	-	-	-	1	15	-	-	-	-	90	-	-	-	-	-	-
Turkey Vulture	88	-	-	-	17	57	-	-	-	-	498	3	-	1	-	-	-
Greater White-fronted Goose	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Snow Goose	-	-	-	-	2886	966	16	-	-	-	370	-	3	-	-	-	2
Ross's Goose	-	-	-	-	-	-	-	-	-	-	cw	-	-	-	-	-	-
Canada Goose	6748	200	749	247	1267	16290	5326	97	946	229	21058	553	2308	137	4	276	844
Brant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mute Swan	-	-	-	-	7	8	1	3	9	-	32	2	-	-	-	-	-
Tundra Swan	-	63	-	-	-	4	1	-	-	77	-	-	297	-	60	2	-
Wood Duck	4	1	-	-	-	cw	2	-	1	-	4	2	6	-	-	-	7
Gadwall	-	-	-	-	-	-	8	-	-	36	-	2	-	-	-	-	-
American Widgeon	-	-	-	-	-	-	9	-	1	3	-	-	-	-	-	-	5
American Black Duck	36	36	2	-	1	74	469	19	19	10	92	-	-	-	-	74	55
Mallard	601	83	312	78	288	1424	587	4	394	165	1492	1045	6	291	70	718	272
Blue-winged Teal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northern Shoveler	-	-	-	-	-	-	-	-	1	6	cw	1	-	-	-	-	-
Northern Pintail	1	-	-	-	-	3	-	-	2	-	3	-	-	-	-	-	-
Green-winged Teal	-	-	-	-	-	1	22	-	2	-	-	-	-	-	-	-	-
Canvasback	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Redhead	-	-	-	-	-	-	-	-	-	-	cw	-	-	-	-	-	-
Ring-necked Duck	52	-	-	-	4	15	3	-	2	10	4	-	-	-	4	15	17
Greater Scaup	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lesser Scaup	-	-	-	-	-	-	-	-	1	15	1	-	-	-	-	9	-
Harlequin Duck	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	4
Long-tailed Duck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bufflehead	99	2	-	-	-	4	11	-	2	42	1	-	-	-	1	1	44
Common Goldeneye	2	-	-	-	-	4	-	-	-	-	6	-	-	-	-	8	-
Hooded Merganser	14	cw	-	-	2	-	3	-	24	-	17	1	-	-	-	38	-
Common Merganser	18	29	-	-	-	21	253	-	-	16	439	-	4	-	17	82	-
Red-breasted Merganser	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	2	-
Ruddy Duck	-	-	-	-	-	-	-	-	-	35	9	-	1	-	-	-	29
Osprey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bald Eagle	-	2	-	1	-	2	cw	-	1	2	1	-	-	-	-	3	-
Northern Harrier	1	2	-	-	-	8	5	1	1	2	5	3	9	-	-	1	-
Sharp-shinned Hawk	8	5	-	-	9	18	5	1	6	6	21	11	3	2	cw	5	3
Cooper's Hawk	13	1	1	3	7	18	14	cw	5	5	6	3	7	10	2	8	-
Northern Goshawk	-	-	-	-	-	-	1	-	-	1	-	1	-	-	-	-	-
Red-shouldered Hawk	1	-	-	-	-	1	-	-	-	3	-	-	1	-	-	-	-
Red-tailed Hawk	65	24	25	5	100	132	102	17	47	37	115	46	43	42	7	88	8
Rough-legged Hawk	-	-	-	-	-	-	3	-	-	-	-	-	4	-	-	-	cw
Golden Eagle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
American Kestrel	7	9	6	10	51	14	48	11	24	20	14	39	10	26	14	58	2
Merlin	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	1	-
Peregrine Falcon	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Ring-necked Pheasant	-	2	-	-	4	7	15	5	1	7	6	6	1	1	5	13	cw
Ruffed Grouse	-	4	-	3	-	5	8	-	2	-	-	-	12	2	19	6	-
Wild Turkey	-	-	-	-	-	170	4	10	54	18	186	-	93	144	27	-	10

PENNSYLVANIA'S 2001 CHRISTMAS BIRD COUNTS

	AUDU	BALD	BEAV	BEDF	BERN	BETH	BLOO	BUFF	BUSH	BUTL	CBCK	CHAM	CLRN	CLRK	CULP	CURT	DALL
Northern Bobwhite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
American Coot	-	-	7	-	-	11	16	-	1	1054	-	-	-	-	-	-	-
Killdeer	30	2	-	-	52	2	2	-	8	-	25	-	1	9	70	-	31
Lesser Yellowlegs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spotted Sandpiper	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ruddy Turnstone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dunlin	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Common Snipe	-	1	-	-	6	-	-	-	-	-	1	-	-	-	-	1	-
American Woodcock	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-
Laughing Gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bonaparte's Gull	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	42	-
Ring-billed Gull	283	131	309	-	1403	2459	7	-	-	58	4361	-	164	-	-	48	193
Herring Gull	9	5	10	-	85	91	cw	7	-	-	116	-	-	-	-	2	1
Iceland Gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lesser Black-backed Gull	1	-	-	-	1	2	-	-	-	-	42	-	-	-	-	-	-
Glaucous Gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Great Black-backed Gull	-	-	-	-	1	11	-	-	-	-	37	-	-	-	-	3	-
Rock Dove	494	813	116	132	708	1678	719	59	286	164	748	1406	297	264	446	618	115
Mourning Dove	620	194	260	133	543	1571	622	18	749	446	837	1249	475	390	36	712	182
Barn Owl	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Eastern Screech-Owl	35	2	-	-	10	14	22	-	8	2	39	3	27	2	4	41	4
Great Horned Owl	9	5	-	-	19	21	25	-	5	2	15	2	7	3	3	24	2
Barred Owl	-	-	-	-	-	-	-	-	2	1	-	1	1	-	2	2	-
Long-eared Owl	-	-	-	-	-	-	20	-	-	-	cw	-	-	-	1	1	-
Short-eared Owl	-	-	-	-	-	-	-	-	-	-	cw	-	7	-	-	-	-
Northern Saw-whet Owl	-	-	-	-	-	1	-	-	-	1	cw	-	-	-	2	-	-
Belted Kingfisher	26	3	3	-	3	37	12	2	-	5	16	21	1	10	1	6	5
Red-headed Woodpecker	-	-	-	-	-	-	-	-	-	3	-	2	-	-	-	-	-
Red-bellied Woodpecker	199	14	23	31	69	193	58	10	72	46	146	60	35	69	21	71	3
Yellow-bellied Sapsucker	22	2	1	2	8	57	8	1	5	2	30	4	1	5	3	17	1
Downy Woodpecker	171	52	39	40	98	274	125	14	105	97	145	139	123	62	45	140	20
Hairy Woodpecker	20	9	4	8	9	27	14	5	17	22	28	14	29	11	6	19	6
Yellow-shafted Flicker	131	21	-	1	41	150	42	8	44	16	99	24	1	43	7	49	7
Pileated Woodpecker	1	6	-	8	2	2	16	1	12	6	-	9	8	5	8	9	4
Cordilleran/Pacific-slope Flycatcher	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eastern Phoebe	1	-	-	-	cw	-	-	-	1	-	2	1	-	-	1	1	-
Eastern Kingbird	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Loggerhead Shrike	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Northern Shrike	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Blue-headed Vireo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Blue Jay	421	170	192	79	176	377	500	52	212	329	425	180	774	214	72	260	34
American Crow	860	533	132	167	753	9319	1043	68	397	288	906	537	959	968	388	1102	807
Fish Crow	-	-	-	-	4	15	3	-	-	-	7	1	-	-	-	-	1
Common Raven	-	2	-	5	-	-	1	-	-	-	-	-	3	3	13	3	2
Horned Lark	-	50	-	61	426	-	237	-	75	55	56	254	38	-	-	238	-
Carolina Chickadee	457	-	20	-	-	-	-	-	45	-	393	15	200	-	-	-	-
Black-capped Chickadee	66	257	93	72	188	898	560	59	198	517	116	427	737	35	126	339	156
chickadee, sp.	-	-	75	-	210	-	-	-	96	-	19	-	-	-	-	-	-
Tufted Titmouse	287	96	138	68	163	515	265	35	163	223	319	292	185	196	69	256	46
Red-breasted Nuthatch	6	12	7	4	11	19	7	1	3	29	8	4	25	1	8	5	5
White-breasted Nuthatch	129	70	45	35	98	288	160	15	75	117	171	135	174	79	62	138	44
Brown Creeper	48	2	1	-	4	50	6	1	9	9	19	10	14	3	5	41	6
Carolina Wren	133	15	32	7	61	110	38	19	110	32	78	62	6	42	29	83	12
House Wren	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	-
Winter Wren	6	3	-	-	2	7	1	1	5	1	12	4	1	-	5	6	-
Golden-crowned Kinglet	31	23	3	3	9	35	25	9	29	19	19	32	25	6	4	26	33
Ruby-crowned Kinglet	3	1	-	-	-	10	2	-	-	1	9	3	4	-	-	2	1

PENNSYLVANIA'S 2001 CHRISTMAS BIRD COUNTS

	AUDU	BALD	BEAV	BEDF	BERN	BETH	BLOO	BUFF	BUSH	BUTL	CBCK	CHAM	CLRN	CLRK	CULP	CURT	DALL
Eastern Bluebird	188	111	47	14	150	250	272	14	142	84	298	67	80	122	51	239	28
Hermit Thrush	10	-	-	-	-	10	4	-	4	1	12	1	5	-	4	7	-
American Robin	5930	23	106	42	479	18574	338	16	159	329	6412	7	173	477	31	74	95
Gray Catbird	4	-	-	-	-	1	2	-	1	-	-	3	-	-	-	-	-
Northern Mockingbird	124	5	3	7	125	109	67	-	25	1	144	124	2	36	7	44	2
Brown Thrasher	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
European Starling	3322	953	937	841	5097	8950	6927	496	1736	3808	6879	10038	1092	2722	1073	3695	1486
American Pipit	-	17	-	-	-	-	-	-	-	-	19	-	-	-	-	-	-
Cedar Waxwing	78	29	-	-	76	121	245	-	55	283	133	19	177	12	123	176	343
Yellow Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Myrtle Warbler	42	3	-	-	-	22	8	-	16	2	101	1	2	18	6	9	-
Yellow-throated Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pine Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Palm Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
American Redstart	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Common Yellowthroat	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Yellow-breasted Chat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eastern Towhee	5	-	1	-	1	2	-	-	3	-	5	1	2	3	-	1	-
American Tree Sparrow	19	147	9	4	148	97	310	18	123	75	51	27	387	64	28	124	126
Chipping Sparrow	1	-	-	1	1	-	-	-	-	-	3	3	-	-	-	-	-
Clay-colored Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Sparrow	2	3	1	-	4	4	-	-	26	-	26	17	1	2	-	13	-
Vesper Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Savannah Sparrow	1	-	-	-	-	23	-	-	-	5	-	-	-	-	-	3	-
Fox Sparrow	10	-	-	-	4	13	-	-	-	-	33	-	-	-	-	6	-
Song Sparrow	346	26	59	10	265	210	92	18	125	27	249	72	29	105	32	178	22
Swamp Sparrow	2	1	-	-	9	7	2	-	6	1	11	1	4	-	-	2	-
White-throated Sparrow	1005	176	17	16	662	1342	153	6	114	72	937	172	69	65	41	295	40
Harris's Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White-crowned Sparrow	-	-	-	15	107	5	27	-	56	4	38	64	1	6	9	52	-
Slate-colored Junco	1012	515	144	332	892	1879	1420	48	370	646	1295	913	1737	448	169	1161	194
Lapland Longspur	-	-	-	-	-	-	-	-	-	-	20	-	2	-	-	-	-
Snow Bunting	2	-	-	-	-	-	12	-	-	-	-	-	3	-	-	-	-
Northern Cardinal	420	132	146	67	197	414	218	38	215	166	324	313	226	357	34	334	70
Dickcissel	-	-	-	-	-	-	-	-	-	-	-	-	64	1	-	-	1
Red-winged Blackbird	2	5	-	-	2	270	780	-	5	-	200	-	-	-	-	-	-
Eastern Meadowlark	-	-	-	-	-	-	-	-	-	-	-	1	-	6	-	-	-
Yellow-headed Blackbird	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rusty Blackbird	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Brewer's Blackbird	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Common Grackle	6	12	-	1	1	2063	200	-	154	-	2	1	-	-	-	-	-
Brown-headed Cowbird	-	-	-	-	1	91	520	-	10	1	74	8	-	1	-	23	-
Baltimore Oriole	-	-	-	-	-	-	-	-	-	-	cw	-	-	-	-	-	-
Pine Grosbeak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Purple Finch	17	3	-	6	26	10	5	-	-	24	72	12	62	-	3	8	1
House Finch	740	133	228	50	466	1421	604	9	325	278	944	684	147	377	72	515	40
White-winged Crossbill	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	1	-
Common Redpoll	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Pine Siskin	18	5	-	-	3	59	-	-	-	-	1	14	8	-	12	50	6
American Goldfinch	456	105	38	71	127	658	322	36	122	111	335	320	215	119	60	208	74
Evening Grosbeak	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
House Sparrow	77	324	305	243	599	473	676	87	620	371	442	1503	231	705	84	603	23
Number Species	74	68	41	43	71	86	80	40	76	77	93	76	72	56	57	76	68
Number Individuals	26227	5895	4661	2926	19269	74613	24699	1320	8703	10608	52824	21023	11655	8925	3494	13432	5712
Party Hours	174.75	59.25	38.75	22	87.5	150	120.5	16	62	82	147.5	145.5	86	42	52	82.5	27

PENNSYLVANIA'S 2001 CHRISTMAS BIRD COUNTS

	DING	DUBO	ELVE	EMPO	ERIE	GETT	GLEN	HAMB	HARR	HUNT	INDI	JOHN	LAKE	LANC	LEBA	LEHI	LWEG
Red-throated Loon	-	-	-	-	18	-	-	-	-	-	-	-	-	-	-	-	-
Common Loon	2	-	cw	-	447	-	4	-	-	-	-	1	-	-	-	-	-
Pied-billed Grebe	-	-	18	-	36	-	8	-	-	-	22	1	-	4	2	-	-
Horned Grebe	-	-	-	-	101	-	-	1	-	-	-	-	-	1	-	-	-
Red-necked Grebe	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Eared Grebe	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Double-crested Cormorant	-	-	-	-	81	-	61	-	-	-	cw	2	-	7	-	-	-
Great Cormorant	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-
Great Blue Heron	-	-	17	-	34	15	33	11	30	8	1	8	4	13	13	25	7
Great Egret	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Black-crowned Night Heron	-	-	-	-	-	-	cw	-	-	-	-	-	-	-	-	-	-
Black Vulture	-	-	86	-	-	77	23	8	43	5	-	-	15	56	28	20	-
Turkey Vulture	-	-	189	-	-	128	140	6	78	3	-	-	4	275	35	67	1
Greater White-fronted Goose	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Snow Goose	-	-	1	-	cw	-	506	-	1	-	-	-	-	2	-	201	10
Ross's Goose	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canada Goose	399	26	3835	1	946	1548	7898	3065	831	123	1016	866	5	3462	4169	9146	436
Brant	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Mute Swan	-	-	3	-	-	-	2	8	4	-	-	-	-	-	4	1	-
Tundra Swan	-	-	83	-	245	-	7	-	90	-	170	8	32	735	-	-	-
Wood Duck	-	-	cw	-	-	-	13	-	-	-	-	-	-	2	-	-	-
Gadwall	-	-	16	-	12	-	82	60	64	-	2	-	-	1	3	-	-
American Widgeon	-	-	3	-	20	-	17	10	24	2	14	2	-	4	-	2	-
American Black Duck	-	1	221	-	139	11	564	21	74	7	8	18	82	52	2	103	12
Mallard	56	535	312	-	615	286	1074	861	1376	105	251	385	138	1160	413	621	554
Blue-winged Teal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northern Shoveler	-	-	20	-	-	-	71	-	2	-	2	-	-	13	-	-	-
Northern Pintail	-	-	-	-	-	-	459	-	-	-	-	-	-	-	-	-	-
Green-winged Teal	-	-	21	-	7	-	1221	1	59	-	-	-	-	5	-	-	1
Canvasback	-	-	14	-	1	1	-	-	-	-	-	-	-	-	-	-	-
Redhead	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Ring-necked Duck	-	-	267	-	1	10	cw	-	2	-	8	107	-	3	29	1	-
Greater Scaup	-	-	-	-	7	-	-	-	-	-	2	3	-	-	-	-	-
Lesser Scaup	-	-	16	-	15	-	-	-	56	-	12	8	-	1	-	6	1
Harlequin Duck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Long-tailed Duck	-	-	-	-	5	-	-	-	-	-	-	-	-	4	-	-	-
Bufflehead	-	10	5	-	181	-	51	-	30	-	1	3	4	4	-	-	1
Common Goldeneye	1	-	1	-	36	-	3	-	6	-	3	3	-	101	-	-	-
Hooded Merganser	-	-	37	-	11	1	43	2	47	-	47	6	6	24	-	1	-
Common Merganser	3	-	12	-	31	3	-	6	2	-	-	-	5	34	-	-	1
Red-breasted Merganser	-	3	-	-	170	-	-	2	-	-	1	3	-	-	-	-	-
Ruddy Duck	-	-	6	-	cw	7	28	-	-	-	2	33	-	-	-	-	-
Osprey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bald Eagle	6	-	2	-	-	-	6	1	1	-	1	-	5	10	2	1	1
Northern Harrier	-	-	8	-	cw	2	7	1	2	1	2	4	-	2	1	-	1
Sharp-shinned Hawk	2	1	8	2	3	3	45	19	11	2	8	4	2	16	8	23	3
Cooper's Hawk	1	cw	8	-	4	-	9	11	11	1	7	7	1	5	4	15	7
Northern Goshawk	-	-	-	1	-	-	-	-	-	1	-	-	-	-	1	-	-
Red-shouldered Hawk	-	-	-	-	1	-	-	1	-	2	-	1	-	1	-	2	-
Red-tailed Hawk	18	-	64	12	35	31	117	136	97	21	64	22	18	50	66	175	69
Rough-legged Hawk	-	-	cw	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Golden Eagle	-	-	18	-	2	51	14	66	14	12	16	18	10	13	19	16	51
American Kestrel	-	-	1	-	-	-	-	-	1	-	2	-	-	2	2	2	1
Merlin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peregrine Falcon	-	-	-	-	1	-	cw	-	-	-	-	-	-	1	-	-	-
Ring-necked Pheasant	3	-	9	1	-	cw	3	6	1	3	8	9	-	5	-	7	4
Ruffed Grouse	-	-	-	11	1	-	-	4	-	8	4	8	12	-	-	-	3

PENNSYLVANIA'S 2001 CHRISTMAS BIRD COUNTS

	DING	DUBO	ELVE	EMPO	ERIE	GETT	GLEN	HAMB	HARR	HUNT	INDI	JOHN	LAKE	LANC	LEBA	LEHI	LMBG
Wild Turkey	20	54	cw	12	20	3	-	137	5	12	38	12	2	-	2	31	26
Northern Bobwhite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
American Coot	-	-	20	-	1620	2	62	-	-	-	473	-	-	532	-	-	-
Killdeer	-	-	19	-	3	-	56	4	1	10	-	32	16	1	1	-	2
Lesser Yellowlegs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spotted Sandpiper	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Ruddy Turnstone	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Dunlin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Common Snipe	-	-	23	-	-	-	cw	-	-	-	-	1	-	4	-	-	9
American Woodcock	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-
Laughing Gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bonaparte's Gull	-	-	-	-	162	-	-	-	-	-	-	-	-	15	-	-	-
Ring-billed Gull	1	1	7344	-	13457	-	2359	11	389	1	cw	1	165	14639	192	48	51
Herring Gull	1	-	450	-	496	-	709	13	20	-	-	-	-	1250	1106	2	1
Iceland Gull	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lesser Black-backed Gull	-	-	cw	-	-	-	-	-	-	-	-	-	-	1	2	-	-
Glaucous Gull	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Great Black-backed Gull	-	-	4	-	17	-	69	2	22	-	-	-	-	514	50	-	1
Rock Dove	6	116	610	93	640	212	620	899	987	728	265	664	238	563	641	779	900
Mourning Dove	113	90	985	97	94	142	716	743	628	105	677	339	50	785	304	1189	340
Barn Owl	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Eastern Screech-Owl	18	-	52	1	-	2	20	39	14	11	1	1	15	8	5	2	3
Great Horned Owl	7	-	21	cw	2	6	16	21	15	25	2	3	12	4	4	11	9
Barred Owl	2	-	-	1	-	5	1	-	3	-	1	1	-	-	-	1	-
Long-eared Owl	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Short-eared Owl	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Northern Saw-whet Owl	-	-	2	-	-	-	1	-	1	-	-	-	-	-	-	-	-
Belted Kingfisher	4	-	15	5	1	6	21	12	10	11	4	5	10	22	8	19	12
Red-headed Woodpecker	-	-	-	-	15	43	-	1	-	-	-	-	-	-	3	-	1
Red-bellied Woodpecker	18	3	170	1	17	51	107	127	120	43	70	13	37	71	54	126	45
Yellow-bellied Sapsucker	4	-	27	3	-	3	18	24	33	3	5	1	3	14	1	27	4
Downy Woodpecker	62	35	148	31	98	53	127	192	157	104	177	79	71	80	86	185	94
Hairy Woodpecker	9	14	31	26	14	6	34	14	15	12	58	22	14	13	3	25	14
Yellow-shafted Flicker	8	-	94	2	19	28	58	77	107	23	13	5	25	77	40	100	25
Pileated Woodpecker	6	5	10	10	6	6	6	8	7	31	24	3	22	4	2	2	8
Cordilleran/Pacific-slope Flycatcher	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eastern Phoebe	1	-	-	-	-	-	1	-	1	-	-	1	2	1	-	-	-
Eastern Kingbird	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Loggerhead Shrike	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northern Shrike	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-
Blue-headed Vireo	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Blue Jay	140	79	472	362	199	116	172	414	180	378	566	302	109	87	107	351	125
American Crow	161	115	828	116	216	253	1427	2055	1844	546	1134	728	327	3783	10440	1598	9873
Fish Crow	-	-	6	-	-	-	4	-	310	-	3	-	-	110	30	2	-
Common Raven	-	81	-	25	-	4	-	2	2	1	5	7	11	-	3	-	3
Horned Lark	-	-	185	-	-	-	1	367	-	40	22	366	-	77	137	501	46
Carolina Chickadee	-	-	385	-	-	126	592	2	324	-	-	-	-	214	20	21	-
Black-capped Chickadee	261	89	84	538	251	17	14	728	152	428	808	391	179	8	191	854	319
Chickadee, sp.	-	-	18	-	-	14	-	35	113	-	-	-	-	37	-	-	-
Tufted Titmouse	53	54	437	71	70	144	405	474	332	256	394	144	149	144	168	411	160
Red-breasted Nuthatch	11	5	5	14	17	4	11	14	4	50	34	14	11	4	10	10	3
White-breasted Nuthatch	82	34	241	139	123	66	125	231	138	131	201	90	94	65	73	229	85
Brown Creeper	8	2	15	13	-	2	15	18	55	9	4	8	10	24	4	16	15
Carolina Wren	5	4	155	8	19	33	147	96	134	51	43	3	74	85	54	113	36
House Wren	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winter Wren	1	-	3	1	-	1	12	4	14	3	2	1	4	11	1	5	3
Golden-crowned Kinglet	21	3	15	21	15	5	31	39	30	76	30	23	16	87	6	23	8

PENNSYLVANIA'S 2001 CHRISTMAS BIRD COUNTS

	DING	DUBO	ELVE	EMPO	ERIE	GETT	GLEN	HAMB	HARR	HUNT	INDI	JOHN	LAKE	LANC	LEBA	LEHI	LWEG
Ruby-crowned Kinglet	10	-	3	4	-	3	20	5	7	2	1	-	-	10	2	6	1
Eastern Bluebird	63	10	360	15	10	101	82	356	255	99	105	24	107	189	125	116	217
Hermit Thrush	5	-	23	-	-	2	8	19	5	8	1	-	6	2	1	5	cw
American Robin	88	cw	353	3	41	46	9867	4937	611	4	440	6	58	3267	19	1008	14
Gray Catbird	1	-	3	1	-	1	2	-	2	-	-	-	-	-	-	-	1
Northern Mockingbird	3	-	150	1	1	83	99	177	98	19	6	1	9	16	67	115	22
Brown Thrasher	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-
European Starling	2	737	5475	317	391	1057	3778	6300	2478	1448	2774	2281	390	11929	4530	8106	3548
American Pipit	-	-	-	-	-	-	-	1	-	-	-	-	-	29	-	1	-
Cedar Waxwing	236	-	140	430	67	81	2136	284	422	141	17	16	19	56	145	472	118
Yellow Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Myrtle Warbler	3	-	23	-	48	12	7	17	14	3	2	-	1	16	5	15	-
Yellow-throated Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pine Warbler	-	-	-	-	-	-	1	-	-	-	-	-	-	2	-	-	-
Palm Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
American Redstart	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Common Yellowthroat	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Yellow-breasted Chat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eastern Towhee	-	-	15	-	1	1	24	-	5	1	-	-	1	10	1	4	-
American Tree Sparrow	37	49	120	80	153	11	6	224	31	187	195	39	71	17	39	73	109
Chipping Sparrow	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-
Clay-colored Sparrow	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Sparrow	-	-	17	-	-	4	4	12	4	-	1	-	9	11	9	-	2
Vesper Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Savannah Sparrow	-	-	1	-	-	-	1	-	-	-	-	-	-	16	-	-	-
Fox Sparrow	6	-	26	-	-	1	34	19	7	-	1	-	1	9	-	18	-
Song Sparrow	10	5	368	26	18	22	688	296	128	76	66	15	27	294	54	279	69
Swamp Sparrow	-	-	37	-	9	3	9	12	3	-	1	3	2	9	1	11	1
White-throated Sparrow	108	1	999	16	12	108	904	1105	543	68	139	9	29	752	189	1129	75
Harris's Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White-crowned Sparrow	4	6	6	-	-	10	-	88	2	3	4	1	2	10	23	29	11
Slate-colored Junco	380	200	1218	613	40	402	640	3087	757	845	1949	254	352	563	522	2102	514
Lapland Longspur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Snow Bunting	-	50	-	-	2	-	60	-	-	145	332	163	163	283	121	471	138
Northern Cardinal	36	31	358	69	95	102	393	372	434	-	-	-	-	-	-	-	-
Dickcissel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red-winged Blackbird	-	-	3311	-	2	-	408	29	42	-	100	-	2	537	-	27	-
Eastern Meadowlark	-	-	3	-	-	2	1	9	-	-	-	-	-	-	-	-	-
Yellow-headed Blackbird	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rusty Blackbird	-	-	6	-	5	-	16	1	27	-	-	-	-	20	-	1	-
Brewer's Blackbird	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Common Grackle	-	12	16548	-	-	-	80	3	4	-	-	36	2	4393	14	22	-
Brown-headed Cowbird	-	-	369	-	-	-	16	-	3	-	6	-	-	428	83	727	1
Baltimore Oriole	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pine Grosbeak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Purple Finch	3	2	26	2	111	31	26	41	15	10	21	24	4	276	3	6	6
House Finch	24	74	623	72	111	238	848	1047	1093	71	660	269	171	276	503	1390	323
White-winged Crossbill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Common Redpoll	8	-	-	-	52	-	-	-	4	-	-	-	-	-	-	-	-
Pine Siskin	5	57	77	6	5	16	29	39	1	54	1	8	14	-	21	47	-
American Goldfinch	50	60	428	139	125	137	279	391	250	229	310	155	80	192	171	440	176
Evening Grosbeak	-	-	-	23	-	-	-	-	-	-	-	1	2	-	4	-	-
House Sparrow	1	195	279	75	530	141	615	788	459	583	550	781	285	299	455	208	840
Number Species	58	40	95	47	84	67	98	81	91	63	77	76	69	97	75	77	71
Number Individuals	2597	2851	49545	3511	22833	6122	41557	30781	19832	7389	14365	8921	3819	53129	25648	33948	19573
Party Hours	48	11.25	160	57	55.5	86.5	173.5	146.8	120	59	130.1	92.5	65	63.5	76	118.25	94

PENNSYLVANIA'S 2001 CHRISTMAS BIRD COUNTS

LWST	LINE	LITI	LOCK	MANS	NESC	NEWB	NEWV	PENN	PISH	PIIT	PLEA	POTT	RACC	READ	RECT	RYER
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
-	9	-	-	-	-	-	-	-	3	3	cw	-	-	1	-	-
-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	28	-	-	-	-	-	-	-	-
41	14	31	55	2	4	19	44	3	16	17	-	-	1	30	4	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
97	-	70	-	-	-	8	4	4	-	-	-	-	-	75	-	-
91	-	423	-	-	-	3	2	16	-	-	-	-	-	140	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	20000	-	-	2	-	-	-	-	-	-	-	-	902	-	-
-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
211	3795	7155	777	1083	1040	439	825	807	265	987	519	37	400	3703	342	79
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	3	-	-	-	-	-	-	1	-	-	-	2	6	-	-
-	-	796	15	-	-	-	-	-	-	81	-	-	5	-	-	-
3	21	-	-	-	-	-	-	-	-	1	-	-	-	9	-	-
-	68	-	-	3	-	5	-	-	-	-	-	-	-	6	-	-
-	-	15	-	-	-	2	-	-	-	2	cw	-	-	2	2	-
46	631	204	47	-	18	62	7	158	3	5	32	-	12	156	36	-
255	2222	644	429	127	612	140	396	192	512	1054	35	51	53	488	116	88
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	5	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	12	4	-	-	-	12	1	-	-	-	-	-	-	28	-	-
-	-	-	-	-	-	-	-	48	-	-	cw	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	14	56	-	12	-	-	-	-	-	cw	-	-	-	2	-	-
-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	2	-	-	2	-	-	-	-	-	-	-	-	-	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	3	cw	-	-	4	20	-	-	-	2	1	-	-	-	-	-
-	10	-	18	-	69	9	-	-	-	2	-	-	-	-	-	-
-	264	19	-	5	1	1	-	-	-	26	3	-	-	6	-	-
-	18	18	2	20	69	2	-	-	4	-	30	-	-	28	-	-
-	12	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
-	26	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	17	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	1	2	-	-	cw	-	-	-	-	-	6	-	-	-	1	-
7	1	7	2	1	5	10	6	4	3	11	4	-	cw	3	1	-
5	2	3	3	1	3	4	3	-	5	14	2	1	-	15	1	2
-	-	-	-	1	-	-	-	-	-	-	1	-	-	7	2	6
-	3	1	1	-	-	1	1	1	14	cw	-	-	-	1	1	-
92	27	77	30	35	49	66	46	21	53	79	24	-	10	71	25	78
-	-	-	-	2	1	-	-	-	-	-	-	6	-	-	-	-
-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	1
-	54	9	4	6	4	13	29	1	7	3	-	1	4	21	2	9
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
4	-	19	-	-	2	4	4	-	6	1	-	-	-	1	2	2
10	-	1	-	1	3	3	1	-	-	1	3	1	2	-	13	1

PENNSYLVANIA'S 2001 CHRISTMAS BIRD COUNTS

LWST	LINE	LITI	LOCK	MANS	NESC	NEWB	NEWV	PENN	PISH	PIIT	PLEA	POTT	RACC	READ	RECT	RYER
12	60	-	31	85	182	6	1	-	112	47	47	21	24	47	31	178
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	39	2	-	-	cw	-	-	-	1	1	-	-	-	14	-	-
8	1	1	-	-	1	14	11	1	-	3	3	-	-	89	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	3	-	-	-	4	2	-	-	-	-	-	-	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1219	-	-	-	-	-	-	-	-	8	cw	-	-	-	-	-
6	2457	311	7	31	1	40	323	405	-	494	238	-	-	850	-	-
1	4	18	-	5	cw	6	183	49	2	33	-	-	-	421	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	1	-	4	-	-	-	-	-	3	-	-
1147	63	838	590	265	313	429	636	338	125	1241	12	178	6	659	81	228
487	177	623	152	203	210	314	292	730	536	478	65	76	26	1245	211	243
cw	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	22	3	1	10	91	20	1	15	12	5	-	16	30	2	3
7	2	7	2	3	6	44	11	7	6	7	2	-	2	22	2	1
2	2	-	-	-	2	7	1	-	-	2	1	-	1	2	1	4
-	-	4	-	-	12	2	2	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	1	-	-	-	1	-	-	-	-	cw	-	1	-	1	-
26	2	8	2	4	6	5	17	8	8	8	5	-	2	23	3	10
-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
123	19	80	21	7	24	68	81	52	88	206	13	-	15	112	87	54
16	-	11	cw	-	-	14	8	4	3	5	1	-	1	20	1	5
185	44	90	55	23	65	112	117	51	114	216	71	17	23	135	130	65
21	11	12	6	13	18	12	19	11	16	49	14	4	4	20	25	13
76	27	39	29	12	12	40	47	12	37	27	3	-	2	102	12	65
35	9	4	1	2	10	18	9	-	20	9	8	-	8	6	21	19
Cordilleran/Pacific-slope Flycatcher	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eastern Phoebe	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Eastern Kingbird	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Loggerhead Shrike	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northern Shrike	-	-	-	-	-	1	-	-	-	-	-	1	cw	-	-	-
Blue-headed Vireo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Blue Jay	220	108	177	168	251	225	141	66	221	464	302	37	62	232	389	137
American Crow	1283	641	4186	722	930	584	452	100	417	1198	164	178	22	638	397	347
Fish Crow	-	2	-	-	2	-	-	-	-	-	-	-	-	12	-	-
Common Raven	25	-	3	14	4	-	3	-	-	-	2	8	-	4	1	-
Horned Lark	-	509	20	7	-	132	51	-	-	-	-	148	2	121	-	-
Carolina Chickadee	-	13	-	-	-	9	42	253	160	164	-	-	56	106	cw	188
Black-capped Chickadee	418	382	268	209	429	352	200	-	2	276	432	246	7	86	872	31
Chickadee, sp.	-	38	-	-	-	-	24	-	355	258	-	-	23	168	-	-
Tufted Titmouse	363	12	184	119	160	299	189	131	268	580	106	12	50	266	343	166
Red-breasted Nuthatch	8	5	2	19	5	20	8	3	7	17	14	8	9	13	1	3
White-breasted Nuthatch	228	48	105	57	101	121	104	69	135	217	129	18	26	149	214	111
Brown Creeper	19	5	13	5	5	12	19	3	5	10	1	1	1	18	6	2
Carolina Wren	137	5	36	8	24	85	66	31	106	200	6	-	12	117	70	23
House Wren	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Winter Wren	10	1	5	2	7	7	9	4	-	3	1	-	1	3	1	2
Golden-crowned Kinglet	135	8	5	13	32	37	20	6	24	13	27	3	9	20	67	5

PENNSYLVANIA'S 2001 CHRISTMAS BIRD COUNTS

	SCRA	SBCK	SLAN	SEBR	STAT	THOM	TUNK	UBCK	WARR	WASH	WEST	WHIT	WILD	WILL	WYNC	YORK
Red-throated Loon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Common Loon	-	2	4	-	1	-	-	3	-	3	-	-	-	-	-	-
Pied-billed Grebe	-	14	5	-	1	-	1	7	7	1	15	-	2	-	-	-
Horned Grebe	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Red-necked Grebe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eared Grebe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Double-crested Cormorant	-	32	3	-	-	-	-	1	-	-	-	-	-	-	2	-
Great Cormorant	-	13	-	-	-	-	-	1	-	-	-	-	cw	-	-	-
Great Blue Heron	-	86	65	2	43	-	3	30	9	2	26	-	cw	6	4	15
Great Egret	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black-crowned Night Heron	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Black Vulture	-	10	83	-	-	-	-	39	-	-	58	-	9	-	20	16
Turkey Vulture	-	87	160	-	-	-	-	433	-	-	329	-	-	-	57	147
Greater White-fronted Goose	-	1	-	-	-	-	-	3	-	-	-	-	-	-	-	-
Snow Goose	-	99	20143	-	1	-	-	286	-	-	-	-	1	-	-	-
Ross's Goose	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canada Goose	846	18091	5499	2123	446	558	1065	9312	469	160	11381	410	2904	253	2445	1964
Brant	-	-	1	48	-	-	-	-	-	-	-	-	-	-	-	-
Mute Swan	6	72	-	-	3	-	-	5	2	-	-	-	-	-	4	-
Tundra Swan	-	-	5	-	-	-	-	-	20	-	-	-	-	-	-	-
Wood Duck	-	5	5	-	1	-	-	12	5	-	4	-	4	2	5	-
Gadwall	2	111	3	1	cw	-	11	35	-	-	2	-	-	-	-	-
American Widgeon	-	38	4	-	-	-	-	8	-	-	3	-	-	-	-	-
American Black Duck	41	26	398	85	2	-	20	119	2	7	53	15	7	28	-	62
Mallard	204	1735	550	214	846	-	416	1606	652	102	508	80	151	252	701	304
Blue-winged Teal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northern Shoveler	-	23	-	-	-	-	-	4	-	-	-	-	-	-	1	-
Northern Pintail	-	8	4	2	1	-	-	1	-	-	-	-	-	3	-	-
Green-winged Teal	-	26	1	2	6	-	-	18	-	-	3	-	-	-	-	19
Canvasback	-	7	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Redhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring-necked Duck	-	425	cw	-	-	-	21	1	-	-	81	1	cw	4	5	10
Greater Scaup	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
Lesser Scaup	-	14	-	-	2	-	-	5	1	-	-	-	-	-	-	-
Harlequin Duck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Long-tailed Duck	-	-	-	-	-	-	-	-	-	-	-	-	cw	-	-	-
Bufflehead	-	52	-	-	-	-	14	-	29	-	23	5	-	-	-	-
Common Goldeneye	-	-	-	-	-	-	-	-	3	-	-	12	-	6	-	2
Hooded Merganser	7	182	4	4	-	-	2	47	59	-	11	19	5	-	58	-
Common Merganser	181	21	169	23	2	-	77	11	74	-	-	25	1	31	-	-
Red-breasted Merganser	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ruddy Duck	-	33	2	-	-	-	-	16	-	-	64	-	-	-	-	-
Osprey	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Bald Eagle	-	3	15	2	1	-	5	4	12	-	-	3	1	-	1	1
Northern Harrier	-	1	1	2	-	cw	-	1	-	-	3	-	cw	1	-	-
Sharp-shinned Hawk	1	16	12	3	1	-	4	22	3	1	24	1	2	3	14	4
Cooper's Hawk	3	9	4	6	9	-	1	15	5	1	10	-	4	9	7	10
Northern Goshawk	-	-	-	-	1	-	-	-	-	-	-	-	cw	-	-	-
Red-shouldered Hawk	-	1	4	-	2	-	1	5	1	-	-	-	-	-	-	-
Red-tailed Hawk	10	99	86	60	48	1	30	196	32	40	130	8	27	60	47	41
Rough-legged Hawk	-	1	-	1	2	-	-	-	-	-	-	1	cw	2	-	-
Golden Eagle	-	-	-	-	cw	-	cw	-	-	-	-	-	cw	-	-	-
American Kestrel	1	7	45	13	21	-	5	14	2	17	10	-	1	11	4	11
Merlin	-	1	-	-	-	-	-	4	-	1	-	-	-	-	-	-
Peregrine Falcon	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring-necked Pheasant	-	1	8	cw	-	1	4	10	-	2	-	4	1	4	-	2
Ruffed Grouse	1	-	-	5	6	4	4	1	6	-	-	11	-	4	-	-

PENNSYLVANIA'S 2001 CHRISTMAS BIRD COUNTS

	TOTALS	NO. OF COUNTS	HIGH COUNT		TOTALS	NO. OF COUNTS	HIGH COUNT		TOTALS	NO. OF COUNTS	HIGH COUNT	
Red-throated Loon	19	2	18	ERIE	Killdeer	582	42	89	Northern Mockingbird	3293	59	230
Common Loon	480	15	447	ERIE	Lesser Yellowlegs	1	1	1	Brown Thrasher	3	3	1
Pied-billed Grebe	187	27	36	ERIE	Spootted Sandpiper	1	1	1	European Starling	210510	67	16632
Horned Grebe	112	8	101	ERIE	Ruddy Turnstone	1	1	1	American Pipit	240	10	104
Red-necked Grebe	2	2	1	BUSH,ERIE	Dunlin	1	1	1	Cedar Waxwing	11331	60	2136
Eared Grebe	1	1	1	ERIE	Common Snipe	73	18	23	Yellow Warbler	1	1	1
Double-crested Cormorant	208	12	81	ERIE	American Woodcock	5	4	2	Myrtle Warbler	966	42	244
Great Cormorant	46	4	28	PENN	Laughing Gull	4	1	4	Yellow-throated Warbler	1	1	1
Great Blue Heron	991	57	86	SBCK	Bonapartes's Gull	2298	8	1219	Pine Warbler	5	4	2
Great Egret	4	2	3	SBCK	Ring-billed Gull	79949	49	14639	Palm Warbler	2	2	1
Black-crowned Night Heron	1	1	1	SBCK	Herring Gull	66949	39	61746	American Redstart	1	1	1
Black Vulture	990	27	97	LWST	Iceland Gull	7	2	5	Common Yellowthroat	7	7	1
Turkey Vulture	3478	29	498	CBCK	Lesser Black-backed Gull	248	10	192	Yellow-breasted Chat	1	1	1
Greater White-fronted Goose	6	4	3	CBCK	Glaucous Gull	1	1	1	Eastern Towhee	165	37	24
Snow Goose	46398	20	20143	SLAN	Great Black-backed Gull	6494	19	5711	American Tree Sparrow	5803	67	387
Ross's Goose	2	1	2	LITI	Rock Dove	33997	67	1748	Chipping Sparrow	38	15	11
Canada Goose	175441	67	21058	CBCK	Mourning Dove	30164	67	1607	Clay-colored Sparrow	1	1	1
Brant	50	3	48	SEBR	Barn Owl	5	5	1	Field Sparrow	344	38	38
Mute Swan	189	24	72	SBCK	Eastern Screech-Owl	932	58	106	Vesper Sparrow	1	1	1
Tundra Swan	2796	21	796	LITI	Great Horned Owl	599	59	68	Savannah Sparrow	131	15	28
Wood Duck	121	24	21	LINE	Barred Owl	62	30	7	Fox Sparrow	346	30	42
Gadwall	534	23	111	SBCK	Long-eared Owl	43	8	20	Song Sparrow	8062	65	688
American Widgeon	192	23	38	SBCK	Short-eared Owl	13	6	7	Swamp Sparrow	366	45	77
American Black Duck	4465	54	631	LINE	Northern Saw-whet Owl	26	14	8	White-throated Sparrow	20876	65	1454
Mallard	32287	65	2222	LINE	Belted Kingfisher	637	62	37	Harris's Sparrow	1	1	1
Blue-winged Teal	1	1	1	WYNC	Red-headed Woodpecker	85	14	43	White-crowned Sparrow	966	44	107
Northern Shoveler	229	13	80	LITI	Red-bellied Woodpecker	4263	65	230	Slate-colored Junco	45440	67	3087
Northern Pintail	501	13	459	GLEN	Yellow-bellied Sapsucker	560	56	57	Lapland Longspur	31	2	29
Green-winged Teal	1473	23	1221	GLEN	Downy Woodpecker	6343	67	290	Snow Bunting	283	11	80
Canvasback	72	6	48	PENN	Hairy Woodpecker	1102	67	58	Northern Cardinal	14797	67	828
Redhead	1	1	1	ERIE	Yellow-shafted Flicker	2711	62	202	Dickcissel	1	1	1
Ring-necked Duck	1186	31	425	SBCK	Pileated Woodpecker	537	59	35	Red-winged Blackbird	129475	38	118350
Greater Scaup	24	6	9	CURT	Cordillera/	1	1	1	Eastern Meadowlark	33	9	9
Lesser Scaup	166	20	56	HARR	Pacific-slope Flycatcher	1	1	1	Yellow-headed Blackbird	1	1	1
Harlequin Duck	6	1	6	BETH	Eastern Phoebe	19	15	2	Rusty Blackbird	155	15	27
Long-tailed Duck	9	2	5	ERIE	Eastern Kingbird	2	2	1	Brewer's Blackbird	3	2	2
Bufflehead	650	30	181	ERIE	Loggerhead Shrike	1	1	1	Common Grackle	208261	39	180247
Common Goldeneye	305	21	101	LANC	Northern Shrike	9	8	2	Brown-headed Cowbird	17705	34	12071
Hooded Merganser	1041	36	264	LINE	Blue-headed Vireo	1	1	1	Baltimore Oriole	3	2	2
Common Merganser	1782	38	439	CBCK	Blue Jay	15860	67	1168	Pine Grosbeak	8	2	6
Red-breasted Merganser	198	11	170	ERIE	American Crow	80592	67	10440	Purple Finch	914	53	155
Ruddy Duck	325	15	64	WEST	Fish Crow	2895	23	2351	House Finch	27275	67	1525
Osprey	1	1	1	WARR	Common Raven	296	37	81	White-winged Crossbill	10	4	5
Bald Eagle	124	34	17	LINE	Horned Lark	4872	32	509	Common Redpoll	82	8	52
Northern Harrier	94	37	9	GLEN	Carolina Chickadee	6228	30	592	Pine Siskin	1063	42	160
Sharp-shinned Hawk	455	62	45	GLEN	Black-capped Chickadee	18094	65	898	American Goldfinch	12865	67	658
Cooper's Hawk	348	58	18	BETH	chickadee, sp.	2087	20	355	Evening Grosbeak	64	8	23
Northern Goshawk	10	10	1	LINE	Tufted Titmouse	13396	67	683	House Sparrow	27220	67	1583
Red-shouldered Hawk	52	25	14	PISH	Red-breasted Nuthatch	763	66	53				
Red-tailed Hawk	3696	65	196	UBCK	White-breasted Nuthatch	7592	67	416				
Rough-legged Hawk	24	11	6	POTT	Brown Creeper	762	64	55				
Golden Eagle	11	8	2	2	Carolina Wren	3877	63	200				
American Kestrel	1042	62	66	HAMB	House Wren	8	6	3				
Merlin	22	13	4	UBCK	Winter Wren	271	54	62				
Peregrine Falcon	9	8	2	SBCK	Golden-crowned Kinglet	1654	67	135				
Ring-necked Pheasant	213	44	19	LITI	Ruby-crowned Kinglet	223	44	20				
Ruffed Grouse	196	39	19	CULP	Eastern Bluebird	8463	65	583				
Wild Turkey	3521	51	431	TUNK	Hermit Thrush	301	37	31				
Northern Bobwhite	1	1	1	CLRN	American Robin	69836	65	18574				
American Coot	4339	29	1620	ERIE	Gray Catbird	41	21	4				

1. BLOO,BUTL,CHAM,EMPO,HUNT,LEBA,MANS,PLEA,STAT,UBCK
 2. JOHN,LAKE,LEBA
 3. CBCK,CHAM,GLEN,LWBG,SLAN
 4. CBCK,LAKE,SLAN,UBCK
 5. AUDU,UBCK,WEST
 6. BLOO,GLEN,LANC
 7. BUTL,ELVE,ERIE,NESC,PENN,SLAN,TUNK

Autumn Raptor Migration Summary 2001

by Kyle McCarty and Keith L. Bildstein

Fourteen hawkwatch sites reported counts for autumn 2001 (Table 1 and 2). Overall, count hours ranged from 98 to 1,189 hours, for a total of 8,899.5 hours. A total of 109,782 raptors representing 17 species was reported. Swainson's Hawks (*Buteo swainsoni*) were observed at two (Little Gap and Stone Mountain) of the 14 watchsites. Eleven sites posted daily results to the *BirdSource Autumn Hawkwatch* website (www.birdsource.org/HawkWatch/) and many also listed counts on the HMANA *Birdhawk* listserv or *RaptorsOnline*.

Average count effort (hours of observation) per watchsite in 2001 increased 11% over 2000 (636 hours/site in 2001 versus 564 hours/site in 2000), the highest watchsite average since 1998, with more time devoted to counting in the second part of the season this year (October to December) than in any of the previous three years. Count effort fluctuated by <7% at most sites compared to 2000, with the largest increases at Allegheny Front (up 45%; 605 hours in 2000 vs. 884 hours in 2001), Tuscarora Summit (25%; 359.5 hours vs. 449.5 hours), and Stone Mountain (19%; 347 hours vs. 412 hours). Five watchsites (Allegheny Front, Bake Oven Knob, Hawk Mountain Sanctuary, Second Mountain, and Waggoner's Gap) logged more than 800 hours of effort (Table 1). Effort at Brady's Bend and Rocky Ridge dropped 13% and 26%, respectively.

Composition of the flight

Table 1. Watchsites reporting data for autumn 2001.

Watchsite	County	Hours of observation
Hawk Mountain	Berks	1189
Waggoner's Gap	Cumberland	1188
Second Mountain	Lebanon	1186
Allegheny Front	Bedford	884
Bake Oven Knob	Lehigh	801
Little Gap	Northampton	749
Rose Tree Park	Delaware	685.5
Militia Hill	Montgomery	465
Tuscarora Summit	Fulton	449.5
Jack's Mountain	Mifflin	437
Stone Mountain	Huntington	412
Brady's Bend	Clarion	210
Rocky Ridge	York	145.5
Sterrett's Gap	Perry	98

In autumn 2001, almost all Pennsylvania watchsites reported much lower than average counts of Broad-winged Hawks (*Buteo platypterus*), and only Little Gap and Waggoner's Gap counted >5,000 individuals of this species (Table 2). Overall count effort in September increased slightly from 2000 to 2001, but passage rate of Broad-winged Hawks fell by more than half compared to 2000 (3.4 birds/hr vs. 7.5 birds/hr). Sharp-shinned Hawks (*Accipiter striatus*) and Broad-winged Hawks made up a nearly equal percentage of the overall flight, at about 27% each. Broad-winged Hawks comprised the largest part of the flight at only 5 of the 14 sites, ranging from <4% of the total flight at Sterrett's Gap to 55% of the total flight at Militia Hill (Note: Sterrett's Gap had limited coverage in September, and Militia Hill counted only in September and October). Annual variation in numbers of Broad-winged Hawks is typical for the species, and weather conditions may account for the differences in 2001.

The Sharp-shinned Hawk flight ranged from 13% of the total at Sterrett's Gap to 32% at Second Mountain, and Red-tailed Hawks (*Buteo jamaicensis*), which made up the third largest portion of the overall flight at 21%, ranged from 4% of the total at Militia Hill to 45% at Sterrett's Gap. Of the remaining 13 regular migrants in Pennsylvania, only Turkey Vultures (*Cathartes aura*) made up more than 5% of the overall flight, and this was the only other species comprising more than 10% of the flight at any individual site, with 36% at Brady's Bend and 24% at Sterrett's Gap (Table 2).

The passage rates for ten of the 16 migrant species [Osprey (*Pandion haliaetus*), Bald Eagle (*Haliaeetus leucocephalus*), Sharp-shinned Hawk, Cooper's Hawk (*Accipiter cooperii*), Red-shouldered Hawk (*Buteo lineatus*), Rough-legged Hawk (*B. lagopus*), Golden Eagle (*Aquila chrysaetos*), American Kestrel (*Falco sparverius*), Merlin (*F. columbarius*), and Peregrine Falcon (*F. peregrinus*)] varied little from

2000 to 2001. However, with the overall increase in count effort, half of the sites reported record numbers of Bald Eagles and five sites had record numbers of Merlins (see highlights below); both of these species have been well-represented throughout the state in recent years. Season records also were reported for Turkey Vultures at five sites.

Allegheny Front (Bedford)

A record 8,449 total hawks was recorded at this site, which also set new record season totals for Bald Eagles (41), Red-shouldered Hawks (129), Red-tailed Hawks (2,814), and Golden Eagles (163). The Golden Eagle count was the second-highest and the 7 Rough-legged Hawks were the most reported in the state in 2001. One highlight occurred on December 12, when 17 Golden Eagles were counted. Passage rates for most species were similar to last year, however count coverage was expanded from 2000 and included more days in the early and late parts of the season. A new Saw-whet Owl (*Aegolius acadicus*) banding station produced 48 owls in six nights.

Bake Oven Knob (Lehigh)

Observers logged 801 hours in 2001, a new record over last season's 745 hours. Record numbers of Black Vultures (*Coragyps atratus*) (289), Turkey Vultures (804), Bald Eagles (175), Cooper's Hawks (459), American Kestrels (318), and Merlins (102) were sighted. The Bald Eagle total was the highest count in the state in 2001. The best days were September 1, 5, and 14, with 14, 13, and 13 eagles respectively. A single-day record of 79 Turkey Vultures was seen on November 4. The 571 Ospreys and 41 Peregrine Falcons were the second highest season counts ever at the site, and the 3,972 Sharp-shinned Hawks was the highest since 1989.

Brady's Bend (Clarion)

With the low numbers of Broad-winged Hawks at most watchsites in the state and the loss of a second observer at this

site, totals were the lowest since the site was established in 1999. The season total was 422, mainly made up of Turkey Vultures, which increased slightly to 152 over last year's total of 145. Count effort decreased 30 hours from 2000. Compiler Mark McConaughy also noted that fewer non-raptor migrant species were seen.

Hawk Mountain Sanctuary (*Berks*)

More Merlins were counted at the site than at any other in the state, and the season total of 176 topped last year's long-term record. Seventeen Merlins were seen on October 6 and 15, the site's seventh-best single day counts. The highest state counts for Osprey (573), Cooper's Hawk (902), and American Kestrel (581) also were reported. Back-to-back days of over 500 Red-tailed Hawks came on the weekend of October 27-28, a phenomenon that has occurred only 4 other times at the Sanctuary. Most species were at or above the ten-year average.

Jack's Mountain (*Mifflin*)

Compiler Ron Singer reported an overall average year at the site. Like many of the watchsites this year, Sharp-shinned Hawks were the most numerous migrant, and accounted for 1,105 of the total 3,628 hawks. The Red-tailed Hawk count (1,022) also made up nearly a third of the total. Broad-winged Hawk numbers were below average for the site. The peak flight of 14 Golden Eagles came on November 4.

Little Gap (*Northampton*)

A light-morph Swainson's Hawk (*Buteo swainsoni*) highlighted the count on September 15, only the fifth time this species has been seen at the site. New season records were set for Black Vulture (89), Turkey Vulture (378), and Merlin (89), and the American Kestrel total of 424 beat the previous record of 397 set in 2000. The 5,522 Broad-winged Hawks was the state high count total. Hours of effort increased by more than 30 over last year; however the number of count days remained equal.

Militia Hill (*Montgomery*)

The peak flight days occurred September 15-16, when 602 and 682 birds were counted. Broad-winged Hawks made up

more than half of the flight overall. The 42 Bald Eagles fell just short of the site record of 44, and Cooper's Hawks (149) were also well-represented. Northern Goshawks, Rough-legged Hawks, and Golden Eagles were all reported last year, but none were seen at the site in 2001.

Rocky Ridge (*York County*) – A season record of 38 Bald Eagles, with a high count of 7 on September 15, was reported at the site, which has seen numbers of this species increase steadily over the past ten years. Also of note was a total of 91 American Kestrels, well above the 16-year average of 48 per season. Although Broad-winged Hawks were nearly 70% below the annual average, totals for Sharp-shinned, Cooper's, and Red-tailed Hawks were somewhat above average. Count effort was typical for the site, with 146 hours, mainly in September and October.

Rose Tree Park (*Delaware*)

Ten new records were set for species totals at the site, including 84 Black Vulture (peak day of 20), 610 Turkey Vulture (79), 113 Bald Eagle (7), 93 Northern Harrier (8), 1,890 Sharp-shinned Hawk (217), 235 Cooper's Hawk (16), 20 Northern Goshawk (3), 192 Red-shouldered Hawk (37), 431 American Kestrel (42), and 61 Merlin (4). A year after totaling nearly 14,000 Broad-winged Hawks, observers counted only 2,094, the lowest in the three years of consistent count effort at the site. Passage rates for the remaining species were near or above those for 2000, except for the Rough-legged Hawk, which was not seen in 2001.

Second Mountain (*Lebanon*)

Count effort was expanded to a record 1186 hours and a state high of 149 days. Twenty-seven Bald Eagles counted in September helped set a new season record of 68, and the 2000 record of 66 Merlins was increased to 82 in 2001. Twenty-seven Merlins were seen October 9-16. A peak Northern Goshawk flight of 8 on October 16 highlighted a tied record total of 104. Observers reported more Black Vultures (300) than any other site this year.

Sterrett's Gap (*Perry*)

Count effort at the site was comparable to 2000. There was an overall decrease in accipiter hawks, but increases in vultures

and harrier. The peak of the Golden Eagle flight occurred November 4-7, when observers counted 12 individuals, and the peak flight overall was October 27 with 199 birds of 9 species.

Stone Mountain (*Huntingdon*)

The site experienced a good to excellent year in comparison to the previous ten years, according to compiler Greg Grove, who noted that several season and single-day records were established, including a total of 42 Bald Eagles (8 single-day), 255 Cooper's Hawks, 25 Northern Goshawks (5 single-day), and 39 Peregrine Falcons (11 single-day). Additionally, single-day records were set for Sharp-shinned Hawk (176) and Red-tailed Hawk (328). On November 9, a Swainson's Hawk was seen. It was the second best year on record for Ospreys, Sharp-shinned Hawks, Red-tailed Hawks, Golden Eagles, and Merlins.

Tuscarora Summit (*Fulton*)

The 2001 count was the best since 1993. A season record of 401 Turkey Vultures topped the previous high by nearly 100 birds, and the Golden Eagle count tied the 1999 record of 52. The Northern Harrier total reached 100 for the first time in eight years. The peak flight for this species was October 19, when 20 were seen. Passage rates for 12 species and for all species combined increased from 2000, and only the Bald Eagle and Broad-winged Hawk were seen at a lesser rate.

Waggoner's Gap (*Cumberland*)

The only site to report more than 200 Golden Eagles in the state, Waggoner's Gap also had state high counts of 1,243 Turkey Vultures (also a season record for the site), 313 Northern Harriers, 5,768 Sharp-shinned Hawks, 156 Northern Goshawks, 377 Red-shouldered Hawks, 4,632 Red-tailed Hawks, 52 Peregrine Falcons, and 20,098 total birds. Other site records include a season total of 149 Bald Eagles with a single-day record of 16 on September 14, and a single-day record of 105 Red-shouldered Hawks on October 29. More than 40% of the Northern Harrier flight passed during October 16-31. ♣

Table 2. PENNSYLVANIA AUTUMN HAWK MIGRATION SUMMARIES

ALLEGHENY FRONT (Bedford) 2001
 Che Mincone, compiler

Month	Days	Hours	BLVU	TUVU	OSPR	BAEA	NOHA	SSHA	COHA	NOGO	RSHA	BWHA	RTHA	RLHA	GOEA	AMKE	MERL	PEFA	Unid	Total
Aug	16	92	1	0	7	10	3	46	5	0	0	201	52	0	0	15	0	2	12	354
Sep	30	261	13	97	101	16	17	265	65	1	12	2,009	370	0	1	49	12	19	127	3,174
Oct	31	263	0	609	3	10	29	1,009	151	8	84	2	1,695	2	48	21	37	8	100	3,816
Nov	29	214	4	76	0	2	26	41	38	15	32	0	677	5	92	2	1	2	40	1,053
Dec	9	54	0	1	0	3	0	2	1	0	1	0	20	0	22	0	0	0	2	52
Total	115	884	18	783	111	41	75	1,363	260	24	129	2,212	2,814	7	163	87	50	31	281	8,449
Total per hr			0.02	0.89	0.13	0.05	0.08	1.54	0.29	0.03	0.15	2.51	3.19	0.01	0.18	0.10	0.06	0.04	0.32	9.57
% of flight			0.2	9.3	1.3	0.5	0.9	16.1	3.1	0.3	1.5	26.2	33.3	0.1	1.9	1.0	0.6	0.4	3.3	100.0

BAKE OVEN KNOB (Lehigh) 2001
 Dan Kunkle, compiler

Month	Days	Hours	BLVU	TUVU	OSPR	BAEA	NOHA	SSHA	COHA	NOGO	RSHA	BWHA	RTHA	RLHA	GOEA	AMKE	MERL	PEFA	Unid	Total
Aug	18	125.5	63	114	54	24	6	23	2	0	1	121	31	0	0	24	3	0	21	487
Sep	29	262.5	72	188	462	100	38	716	124	2	5	2,930	220	0	0	190	24	14	114	5,199
Oct	31	262	88	370	55	38	129	3,156	315	34	109	2	1,837	1	28	104	75	26	101	6,468
Nov	23	151	66	132	0	13	32	77	18	21	41	0	877	0	29	0	0	1	48	1,355
Total	101	801	289	804	571	175	205	3,972	459	57	156	3,053	2,965	1	57	318	102	41	284	13,509
Total per hr			0.36	1.00	0.71	0.22	0.26	4.96	0.57	0.07	0.19	3.81	3.70	0.00	0.07	0.40	0.13	0.05	0.35	16.87
% of flight			2.1	6.0	4.2	1.3	1.5	29.4	3.4	0.4	1.2	22.6	21.9	0.0	0.4	2.4	0.8	0.3	2.1	100.0

BRADY'S BEND (Clarion) 2001
 Mark McConaughy, compiler

Month	Days	Hours	BLVU	TUVU	OSPR	BAEA	NOHA	SSHA	COHA	NOGO	RSHA	BWHA	RTHA	RLHA	GOEA	AMKE	MERL	PEFA	Unid	Total
Aug	2	16	0	8	2	2	2	2	1	0	0	13	1	0	0	1	0	0	3	35
Sep	15	117	0	99	15	3	5	31	10	0	2	35	9	0	0	5	2	1	5	222
Oct	8	53	0	43	0	4	4	32	12	0	2	0	27	0	0	2	3	0	4	133
Nov	4	24	0	2	0	0	2	5	1	0	0	0	19	1	0	1	0	0	1	32
Total	29	210	0	152	17	9	13	70	24	0	4	48	56	1	0	9	5	1	13	422
Total per hr			0	0.72	0.08	0.04	0.06	0.33	0.11	0.00	0.02	0.23	0.27	0.00	0.00	0.04	0.02	0.00	0.06	2.01
% of flight			0.0	36.0	4.0	2.1	3.1	16.6	5.7	0.0	0.9	11.4	13.3	0.2	0.0	2.1	1.2	0.2	3.1	100.0

HAWK MOUNTAIN (Berks) 2001
Laurie Goodrich, compiler

Month	Days	Hours	BLVU	TUVU	OSPR	BAEA	NOHA	SSHA	COHA	NOGO	RSHA	BWHA	RTHA	RLHA	GOEA	AMKE	MERL	PEFA	Unid	Total
Aug	18	167	0	0	63	20	11	37	16	0	1	79	9	0	0	51	4	0	5	296
Sep	29	316.5	10	1	458	66	47	904	168	4	14	3,754	208	0	1	360	50	11	42	6,098
Oct	31	305	18	239	52	27	139	3,733	637	26	165	9	1,939	0	34	169	116	23	79	7,405
Nov	27	215.5	19	69	0	22	55	136	72	77	92	0	1,426	2	46	1	5	1	25	2,048
Dec	20	124	1	20	0	23	3	16	7	15	3	0	119	1	8	0	1	1	3	221
Jan	12	61	0	0	0	15	0	1	2	3	0	0	13	3	0	0	0	0	0	37
Total	137	1189	48	329	573	173	255	4,827	902	125	275	3,842	3,714	6	89	581	176	36	154	16,105
Total per hr			0.04	0.28	0.48	0.15	0.21	4.06	0.76	0.11	0.23	3.23	3.13	0.01	0.07	0.49	0.15	0.03	0.13	13.56
% of flight			0.3	2.0	3.6	1.1	1.6	30.0	5.6	0.8	1.7	23.9	23.1	0.0	0.6	3.6	1.1	0.2	1.0	100.0

JACK'S MOUNTAIN (Mifflin) 2001
Ron Singer, compiler

Month	Days	Hours	BLVU	TUVU	OSPR	BAEA	NOHA	SSHA	COHA	NOGO	RSHA	BWHA	RTHA	RLHA	GOEA	AMKE	MERL	PEFA	Unid	Total
Aug	4	21	0	0	3	0	1	0	1	0	0	13	0	0	0	3	0	0	0	21
Sep	23	144	15	0	52	11	11	131	20	0	3	838	43	0	0	51	2	1	10	1,188
Oct	30	191	14	175	2	1	51	953	74	8	4	0	855	0	22	42	10	6	4	2,221
Nov	13	63	0	0	0	3	3	18	5	3	0	0	110	1	25	2	0	0	0	170
Dec	5	18	0	0	0	1	1	3	1	2	0	0	14	0	6	0	0	0	0	28
Total	75	437	29	175	57	16	67	1,105	101	13	7	851	1,022	1	53	98	12	7	14	3,628
Total per hr			0.07	0.40	0.13	0.04	0.15	2.53	0.23	0.03	0.02	1.95	2.34	0.00	0.12	0.22	0.03	0.02	0.03	8.30
% of flight			0.8	4.8	1.6	0.4	1.8	30.5	2.8	0.4	0.2	23.5	28.2	0.0	1.5	2.7	0.3	0.2	0.4	100.0

LITTLE GAP (Northampton) 2001
Michael Schall, compiler

Month	Days	Hours	BLVU	TUVU	OSPR	BAEA	NOHA	SSHA	COHA	NOGO	RSHA	BWHA	RTHA	RLHA	GOEA	AMKE	MERL	PEFA	Unid	Total**
Aug	19	93	3	0	33	14	5	39	3	0	1	60	16	0	1	32	3	0	6	216
Sep	29	221	17	0	348	53	42	806	107	1	4	5,460	135	0	0	302	29	16	86	7,407
Oct	31	255	50	281	51	36	119	3,508	423	27	95	2	1,552	0	28	90	52	14	76	6,404
Nov	22	135	13	96	0	10	33	79	28	30	22	0	843	1	31	0	5	0	20	1,211
Dec	9	45	6	1	0	13	0	3	0	6	2	0	35	1	2	0	0	0	1	70
Total	110	749	89	378	432	126	199	4,435	561	64	124	5,522	2,581	2	62	424	89	30	189	15,308
Total per hr			0.12	0.50	0.58	0.17	0.27	5.92	0.75	0.09	0.17	7.38	3.45	0.00	0.08	0.57	0.12	0.04	0.25	20.45
% of flight			0.6	2.5	2.8	0.8	1.3	29.0	3.7	0.4	0.8	36.1	16.9	0.0	0.4	2.8	0.6	0.2	1.2	100.0

MILITIA HILL (Montgomery) 2001
 Marylea Klauder, compiler

Month	Days	Hours	BLVU	TUVU	OSPR	BAEA	NOHA	SSHA	COHA	NOGO	RSHA	BWHA	RTHA	RLHA	GOEA	AMKE	MERL	PEFA	Unid	Total
Sep	30	235	0	30	229	33	18	408	82	0	0	2,756	11	0	0	245	10	4	73	3,899
Oct	31	230	13	208	20	9	22	437	67	0	16	0	172	0	0	120	11	4	29	1,128
Total	61	465	13	238	249	42	40	845	149	0	16	2,756	183	0	0	365	21	8	102	5,027
Total per hr			0.03	0.51	0.54	0.09	0.09	1.82	0.32	0.00	0.03	5.93	0.39	0.00	0.00	0.78	0.05	0.02	0.22	10.81
% of flight			0.3	4.7	5.0	0.8	0.8	16.8	3.0	0.0	0.3	54.8	3.6	0.0	0.0	7.3	0.4	0.2	2.0	100.0

ROCKY RIDGE (York) 2001
 Randy Phillips, compiler
 ROCKY RIDGE (York) 2001
 Randy Phillips, compiler

Month	Days	Hours	BLVU	TUVU	OSPR	BAEA	NOHA	SSHA	COHA	NOGO	RSHA	BWHA	RTHA	RLHA	GOEA	AMKE	MERL	PEFA	Unid	Total
Aug	4	8	0	0	1	1	2	0	1	0	0	12	0	0	0	1	0	0	1	19
Sep	17	67	2	0	39	23	8	138	16	0	3	554	19	0	0	57	1	1	15	876
Oct	14	43.5	3	126	4	9	9	227	19	0	11	0	167	0	1	33	1	3	12	625
Nov	8	21	21	37	0	1	4	19	2	1	4	0	87	0	0	0	0	0	0	176
Dec	3	6	41	0	0	4	0	4	0	0	0	0	16	0	0	0	0	0	0	65
Total	46	145.5	67	163	44	38	23	388	38	1	18	566	289	0	1	91	2	4	28	1,761
Total per hr			0.46	1.12	0.30	0.26	0.16	2.67	0.26	0.01	0.12	3.89	1.99	0.00	0.01	0.63	0.01	0.03	0.19	12.10
% of flight			3.8	9.3	2.5	2.2	1.3	22.0	2.2	0.1	1.0	32.1	16.4	0.0	0.1	5.2	0.1	0.2	1.6	100.0

ROSE TREE PARK (Delaware) 2001
 Jim Lockyer, compiler

Month	Days	Hours	BLVU	TUVU	OSPR	BAEA	NOHA	SSHA	COHA	NOGO	RSHA	BWHA	RTHA	RLHA	GOEA	AMKE	MERL	PEFA	Unid	Total
Aug	16	120	2	14	36	8	1	11	10	0	10	64	12	0	0	14	0	0	13	195
Sep	30	232	14	22	231	52	40	822	87	3	10	2,026	32	0	0	286	15	4	34	3,678
Oct	31	228	49	455	36	39	42	923	118	17	118	4	318	0	4	129	37	9	48	2,346
Nov	16	105.5	19	119	0	13	9	129	19	0	49	0	103	0	1	2	9	2	15	489
Total	93	685.5	84	610	303	112	92	1,885	234	20	187	2,094	465	0	5	431	61	15	110	6,708
Total per hr			0.12	0.89	0.44	0.16	0.13	2.75	0.34	0.03	0.27	3.05	0.88	0.00	0.01	0.63	0.09	0.02	0.16	9.79
% of flight			1.3	9.1	4.5	1.7	1.4	28.1	3.5	0.3	2.8	31.2	6.9	0.0	0.1	6.4	0.9	0.2	1.6	100.0

SECOND MOUNTAIN (Lebanon) 2001

David Schwenk, compiler

Month	Days	Hours	BLVU	TUVU	OSPR	BAEA	NOHA	SSHA	COHA	NOGO	RSHA	BWHA	RTHA	RLHA	GOEA	AMKE	MERL	PEFA	Unid	Total
Aug	31	212	0	0	22	13	7	29	7	0	1	92	48	0	0	17	7	0	6	249
Sep	30	283	0	0	222	27	38	503	80	10	13	1,498	140	0	4	132	32	23	32	2,754
Oct	31	299	127	473	11	12	70	1,930	262	54	86	4	687	1	30	44	42	13	39	3,885
Nov	29	221	76	131	1	6	24	42	11	35	35	0	384	0	21	0	1	0	4	771
Dec	28	171	97	75	0	10	0	5	1	5	2	0	52	0	10	0	0	2	2	261
Total	149	1186	300	679	256	68	139	2,509	361	104	137	1,594	1,311	1	65	193	82	38	83	7,920
Total per hr			0.25	0.57	0.22	0.06	0.12	2.12	0.30	0.09	0.12	1.34	1.11	0.00	0.05	0.16	0.07	0.03	0.07	6.68
% of flight			3.8	8.6	3.2	0.9	1.8	31.7	4.6	1.3	1.7	20.1	16.6	0.0	0.8	2.4	1.0	0.5	1.0	100.0

STERRETT'S GAP (Perry) 2001

Burle Scholfield, compiler

Month	Days	Hours	BLVU	TUVU	OSPR	BAEA	NOHA	SSHA	COHA	NOGO	RSHA	BWHA	RTHA	RLHA	GOEA	AMKE	MERL	PEFA	Unid	Total
Sep	5	22	0	0	10	1	2	16	5	0	0	50	93	0	0	1	0	0	7	185
Oct	11	42	29	201	3	1	13	153	51	2	8	0	343	0	8	5	0	0	1	818
Nov	11	34	21	124	0	0	1	21	3	6	1	0	159	0	14	0	0	0	3	334
Total	27	98	50	325	13	2	16	171	59	8	9	50	595	0	22	6	0	0	11	1,337
Total per hr			0.51	3.32	0.13	0.02	0.16	1.74	0.60	0.08	0.09	0.51	6.07	0.00	0.22	0.06	0.00	0.00	0.11	13.64
% of flight			3.7	24.3	1.0	0.1	1.2	12.8	4.4	0.6	0.7	3.7	44.5	0.0	1.6	0.4	0.0	0.0	0.8	100.0

STONE MOUNTAIN (Huntingdon) 2001

Greg Grove, compiler

Month	Days	Hours	BLVU	TUVU	OSPR	BAEA	NOHA	SSHA	COHA	NOGO	RSHA	BWHA	RTHA	RLHA	GOEA	AMKE	MERL	PEFA	Unid	Total**
Sep	22	146	0	0	92	27	10	219	52	1	6	606	124	0	1	64	10	14	21	1,247
Oct	26	163	0	0	15	7	36	915	186	10	40	1	1,044	1	21	57	24	23	46	2,426
Nov	15	90	0	0	2	7	16	31	15	13	20	0	337	2	83	1	2	0	7	537
Dec	3	13	0	0	0	1	0	1	2	1	1	0	38	0	4	0	0	2	0	50
Total	66	412	0	0	109	42	62	1,166	255	25	67	607	1,543	3	109	122	36	39	74	4,260
Total per hr			0.0	0.0	0.31	0.12	0.18	3.36	0.73	0.07	0.19	1.75	4.45	0.01	0.31	0.35	0.10	0.11	0.21	12.28
% of flight			0.0	0.0	2.4	0.9	1.4	25.6	5.6	0.5	1.5	13.3	33.9	0.1	2.4	2.7	0.8	0.9	1.6	

TUSCARORA SUMMIT (Fulton) 2001

Dale Gearhart, compiler

Month	Days	Hours	BLVU	TUVU	OSPR	BAEA	NOHA	SSHA	COHA	NOGO	RSHA	BWHA	RTHA	RLHA	GOEA	AMKE	MERL	PEFA	Unid	Total
Sep	26	161	2	16	104	10	22	259	28	0	3	2,055	43	0	3	27	5	7	32	2,616
Oct	30	182.5	35	289	18	3	66	1,134	94	2	23	2	501	0	22	18	10	11	45	2,273
Nov	20	106	0	96	0	2	12	24	13	6	5	0	166	0	27	0	1	0	9	361
Total	76	449.5	37	401	122	15	100	1,417	135	8	31	2,057	710	0	52	45	16	18	86	5,250
Total per hr			0.08	0.89	0.27	0.03	0.22	3.15	0.30	0.02	0.07	4.58	1.58	0.00	0.12	0.10	0.04	0.04	0.19	11.68
% of flight			0.7	7.6	2.3	0.3	1.9	27.0	2.6	0.2	0.6	39.2	13.5	0.0	1.0	0.9	0.3	0.3	1.6	100.0

WAGGONERS GAP (Cumberland) 2001

David Grove, compiler

Month	Days	Hours	BLVU	TUVU	OSPR	BAEA	NOHA	SSHA	COHA	NOGO	RSHA	BWHA	RTHA	RLHA	GOEA	AMKE	MERL	PEFA	Unid	Total
Aug	31	199	0	50	50	24	20	74	12	0	2	124	24	0	0	71	0	1	11	413
Sep	28	273.5	0	357	71	50	1,138	174	174	4	21	5,024	303	0	2	219	27	12	50	7,452
Oct	31	299	36	1,053	23	27	176	4,417	643	58	283	3	2,811	1	70	77	62	38	105	9,883
Nov	28	222	9	114	2	10	64	127	51	82	63	0	1,282	2	114	0	3	1	22	1,946
Dec	29	194.5	29	76	0	17	3	12	11	12	8	0	212	2	18	1	0	0	3	404
Total	147	1,188	74	1,243	432	149	313	5,768	891	156	377	5,151	4,632	5	204	368	92	52	191	20,098
Total per hr			0.06	1.05	0.36	0.13	0.26	4.86	0.75	0.13	0.32	4.34	3.90	0.00	0.17	0.31	0.08	0.04	0.16	16.92
% of flight			0.4	6.2	2.1	0.7	1.6	28.7	4.4	0.8	1.9	25.6	23.0	0.0	1.0	1.8	0.5	0.3	1.0	100.0

TOTAL FOR ALL WATCHSITES 2001

Month	Days	Hours	BLVU	TUVU	OSPR	BAEA	NOHA	SSHA	COHA	NOGO	RSHA	BWHA	RTHA	RLHA	GOEA	AMKE	MERL	PEFA	Unid	Total
Aug	159	1054	69	136	271	116	58	261	58	0	16	779	193	0	1	229	17	3	78	2,285
Sep	343	2742	145	453	2,720	493	348	6,356	1,018	26	96	29,595	1,750	0	12	1,988	219	127	648	45,995
Oct	367	2816	462	4,522	293	223	905	22,527	3,052	246	1,044	29	13,948	6	316	911	480	178	689	49,831
Nov	245	1602	248	996	5	89	281	730	276	289	364	0	6,470	14	483	9	27	7	194	10,483
Dec	106	626	174	173	0	72	7	46	23	41	17	0	506	4	70	1	1	5	11	1,151
Jan	12	61	0	0	0	15	0	1	2	3	0	0	13	3	0	0	0	0	0	37
Total	1232	8900	1,098	6,280	3,289	1,008	1,599	29,921	4,429	605	1,537	30,403	22,880	27	882	3,138	744	320	1,620	109,782
Total per hr			0.12	0.71	0.37	0.11	0.18	3.36	0.50	0.07	0.17	3.42	2.57	0.00	0.10	0.35	0.08	0.04	0.18	12.34
% of flight			1.0	5.7	3.0	0.9	1.5	27.3	4.0	0.6	1.4	27.7	20.8	0.0	0.8	2.9	0.7	0.3	1.5	100.0
% change from 2000**			50	27	0	0	38	0	6	133	13	-54	22	0	0	6	0	0	6	-21

A PUZZLING RUFOUS HUMMINGBIRD

Northampton County, November 9 – 17, 2001

by Arlene Koch

Shortly after noon on a beautiful fall day in early November 2001, a Rufous Hummingbird (*Selasphorus rufus*) showed up at a feeder outside my kitchen window. When I saw it I was so shocked and thrilled that I screamed for my husband David at the top of my voice. Thinking I had somehow once again hurt myself, he came running out of the bathroom pulling up his pants, and he gave me an extremely disdainful look when he realized I was just yelling about another bird. He changed his tune, though, when he saw what it was.

Ironically, I had just about given up on ever getting this species on our property. The day before I had almost taken the three remaining hummingbird feeders down. The last Ruby-throated Hummingbird (*Archilochus colubris*) of the year had left the yard on October 2, and I'd been looking at unused feeders ever since. But I kept them up anyway, knowing that it's often in November that vagrant western hummers are found in the East. I also vividly remembered that the year before, on November 15, 2000, an immature male *Selasphorus* hummer showed up at Rick Wiltraut's feeder in nearby Nazareth.

In the last 10 years, and more specifically its latter half, reports of *Selasphorus* sp. hummingbirds in Pennsylvania have been on the rise. These sightings, some of which involve birds that stay for weeks or months and others that are one-day wonders, have come from every part of the state. They're primarily, but not exclusively, concentrated from mid to late September through November. Although it's admittedly subjective, I've been keeping records of perceived non-Rubythroat sightings in the state for this time period and the only months I have

no reports for are March, April, and May.

I don't believe that hummingbird species other than Rubythroats are moving through Pennsylvania or the northeastern part of the country any more now than they always have. It's just that now they're being seen. These days more people are maintaining hummingbird feeders and, whether by design or accident, more of them are keeping the feeders out longer. Often a vagrant bird is found when someone looks out at an almost forgotten feeder to see a hummingbird there that just doesn't look right or is still around long after all the others have gone.

To date, the only other confirmed species of hummingbird found in the state other than the Rubythroat has been the Rufous. This, I feel, is because very few of the odd-looking or late-arriving hummingbirds have been banded. Until recently any obvious *Selasphorus* that showed up was assumed to be a Rufous because that's the one that has historically been the species most consistently found out of its normal range. And during the months when hummingbirds are normally around, very few people look at them closely, assuming that any hummer seen from May through September must be a Rubythroat.

It is, I feel, only a matter of time before another hummingbird species is confirmed in Pennsylvania as has been done in surrounding states like New Jersey, New York, Maryland, and Delaware. Allen's (*Selasphorus sasin*) and Black-chinned (*Archilochus alexandri*) are the species I'd put my money on, but anything is possible. The best example I can think of here are the two Calliope (*Stellula calliope*) hummingbirds that spent most of last November and December in Ft.

Tryon Park in the northern part of New York City, much to the complete amazement of hundreds of birders.

My first impression of the November hummer in my yard was that it was definitely a *Selasphorus* sp. and probably an adult female Rufous. It had what appeared to be an all green rump and a heavy orange/red triangular throat patch (gorget). That first look at the bird was from the side and clearly showed rufous lines over and slightly in front of its eyes. It also had a light cinnamon/rufous band across its chest and similar color down its flanks that got darker and heavier toward the bottom.

I really didn't get a good look at its tail until it flew around the corner of the house to a second feeder that hung 10 feet away from the kitchen door. There it perched and began to feed facing away, giving me a great look at rufous coloring at the base of some its tail feathers (rectrices). This view also clearly showed that the middle and second rectrices (R1, R2) were triangular and pointed in shape, not broad and rounded.

After I got a good look at the tail I began thinking that maybe I was wrong about it being a female bird. Unless I was mistaken, in addition to the shape of R1 and R2, I saw what I thought was a notch in the inner web of R2. That would make it a young male Rufous, not an adult female, and at that point I was really confused. I also knew that I was out of my league, so I quickly called Scott Weidensaul. Scott had recently gotten his hummingbird bander's certification under Bob Sargent in Alabama.

Amazingly, Scott was home when I called and, even more amazing was the fact that he was able come over the next morning with his banding equipment. He caught the hummer almost as soon as he had set up his

trap by the kitchen door. He had to freeze in place at one point because the bird came in to feed while he was trying to put the feeder into the cage, which is operated by a remote control device.

After weighing, measuring, and banding the bird, Scott's best determination was that it was an immature male Rufous Hummingbird. But, while he was sure of the species, he had some nagging doubts about its age and sex. And he wanted to confer with Bob Sargent about a few things.

The bird's weight at 3.46 grams was OK but could or should have been heavier for a bird in the middle of migration. It had 0 (none) fat accumulation, indicating that it would probably stick around for a while to feed and fatten up. There were heavy (75%) corrugations on its maxilla or upper bill (culmen) that definitely made it a young bird. However, both the culmen (17.3 mm) and wing chord (44.91 mm) measurements were puzzling because they pointed to it being a female, not a hatching year male (HYM) bird. Females almost always have longer wing lengths than do males. But then there were those pointed rectrices to consider.

After reviewing the photos and data, Bob mirrored Scott's thinking that this was probably a HYM Rufous, although a puzzling one. However, after a middle of the night epiphany a few weeks later, Bob changed his mind on the bird's sex based on the shape and coloration of its rectrices. Saying that his initial call had bothered him all along even though it was his best conclusion, he now said that he thought this bird was an immature female Rufous Hummingbird.

A few months later I sent copies of the photos Scott had taken of this hummer to Nancy Newfield in Louisiana. I know her well and I also knew that Bob wouldn't mind because it was Nancy who had trained him many years ago. And even before she made her final call, she emailed me and said that this bird was indeed a difficult individual to properly age and sex.

This hummer was puzzling to her too, although she had no doubt that it was a Rufous. When she first looked at the photos, she thought it was an adult female because of the amount of color on its throat. But no adult bird, male or female, would have 75% bill corrugations. And, muddying up the waters even more, were those darned rectrices. Tail feathers this pointed usually make the bird a male, but not always. Although immature female Rufous hummers have rounded rectrices, many adult female Rufous hummers have pointed rectrices like this one had.

Nancy compared the photos of the bird's tail to some of the feathers that she had taken from adult female Rufous birds that she had recently banded and came up with a very interesting conclusion. Based on the facts she was given and the photos in hand, she said that this bird was most likely an immature female Rufous Hummingbird with a full set of adult rectrices. And if you're not confused by now, you should be.

Nancy went on to say that in all the immature hummingbirds of every species that she has studied, rectrices that are lost ahead of the bird's normal molt schedule are immediately replaced with adult-type tail feathers. She also said that although she mostly had experience with young males doing this, there was no discernible reason it couldn't happen to a female too.

Obviously it's clear that sometimes even the experts don't have all the answers, especially when it comes to hummingbirds. Anyone who has ever banded birds will tell you that having a bird in the hand reveals plumages, colors, and other characteristic that would never been seen or known about when the bird was on the wing. But knowledge about hummingbirds continues to grow with an ever-expanding core of hummingbird banders, the recent publication of detailed North American hummingbird guidebooks, and more and better observation from birders.

I'm very grateful to Scott, Bob, and Nancy for all the help they gave in the identification of this hummingbird. It is through their efforts, and, I should say, the efforts of many other hummingbird banders, that knowledge is being learned and passed on to the rest of the birding world.

I guess the only way I'll ever know for sure just exactly what age and sex this Rufous Hummingbird was would be if it were recaptured somewhere down the line. It'd be great if someday one of the other certified hummingbird banders across the country would catch it hundreds or thousands of miles away and solve the mystery for me. But it would be even better if next fall the same bird shows up again outside my kitchen window. ♣

*1375 Raubsville Rd
Easton, PA 18042*

Late Nesting Woodpecker

by Kermit Henning

You know the look. The look of disbelief, even disdain, when you tell someone you saw something odd. Like sighting a UFO, you just may as well shut up and keep it to yourself. Not only doesn't anyone believe you, they talk behind your back and snicker about your "sighting". Well, now I know that feeling all too well.

The first week of deer season, 2001, I was hunting a small woodlot in York County, near Dillsburg. The woodlot sits on top of a small hill, totally surrounded by cut down cornfields, and is made up of mature oaks, hickories, and tulip poplars. On Friday, December 7, I spotted a small doe and a large buck coming out of the far corner of the woods from where I was seated—of course. Now don't laugh when I tell you that I missed that buck as clean as a whistle (I'm still scratching my head over that one). But the end result of that miss made this sighting possible.

The following morning, I was on stand at the end of the woods where I missed that buck. With my back against a big oak, I had a good view of the open woods and fields and the surrounding landscape. I could see any deer approaching as far away as a half mile. (Why wasn't I here yesterday?) Well, as unluck would have it, no deer that day. What I did see, though, was well worth the wait.

At first light, the woods came alive with squirrels gathering the bountiful nuts, songbirds gathering weed seeds along the edges, and a single female Red headed Woodpecker in the tree tops hammering away at dead bark looking for insects. A rather rare sighting in this part at any time of year, I was surprised to see her still here so late in the season. But the weather this fall was certainly a lot warmer than usual--the temperature this day was well into

the 70's. Even the nights were only in the 50-degree range, so I thought why not. I watched her intently as she worked the woods nonstop—I guess the weather also had a lot to do with the many grubs and insects still around.

Every so often, she would fly back to a hole in a mature poplar tree. It was evident that she recently enlarged the hole; it showed the fresh lighter wood around the entrance. Whenever she would return to the hole, she perched at the entrance and reached her head inside. Her return visits varied from every 5 minutes to sometimes as much as 20 minutes—depending on how long it took her to fill up with insects. I wondered what was up to, never dreaming she could have young at this late date. On one of her return trips, though, I spied the tiny head of a young woodpecker poke out of the hole, trying to be first for the meal. The entrance to the hole was approximately 40 feet off the ground and the tree was no more than 30 yards from my stand. With my 10X binoculars I watched her feeding her young every day for the rest of the season—the last day was December 15.

I have no idea how many young were in the nest, nor if they ever fledged or survived. The weather did stay unseasonably warm throughout the season, only recently turning cold. I never saw a male in the woods, and no other females.

So there you go---I said it. If you snicker or roll your eyes, I'll understand. I have no explanation for this late nesting, I've never heard of this kind of behavior before with any other birds, and I don't know if this female ever nested here before. But you can bet I'll be back to that woodlot in the spring, watching and watching. ♣

Sighting Report Excerpts

The following are excerpts of interesting reports received this quarter.

Pomarine Jaeger

Jerry McWilliams

Date: 11/18/2001, 8:10-8:35 AM

Location: Presque Isle State Park, *Erie*

Conditions: Clear, windlight from the west. Visibility good.

Description: On one of the sand islands about half way between Beach 11 and Gull Point I spotted a single dark bird crouched on the sand. After setting up the scope I aimed it at the dark bird and adjusted the eyepiece to 30x. I immediately realized I was looking at a jaeger. At first I thought I might have some difficulty identifying the jaeger to species, but then it began to preen and showed its tail well. It would reach over to its femoral tract and preen and when it would do this it would turn its tail sideways and spread it giving me superb views of its upper tail. At this time I could see the wedge shaped tail and the broad blunt central rectrices that projected slightly past the adjoining rectrices. The jaeger looked like a first winter Herring Gull and appeared to be about that size or perhaps slightly smaller, but it was difficult to say because it was not with anything for size comparison. The body appeared heavy and was entirely brownish-gray with no apparent barring on the breast and no streaking on the head or neck. It never spread its wings, so I could not look for the white patches in the primaries and under primary coverts. I could clearly see black and white barring on the under and upper tail coverts with some barring extending back along the lower flanks. I was not close enough to see any pale edged feathers on the wing coverts and scapulars or primary tips if present. Bare parts of the bird were grayish which included the legs, feet, and at least the inner half of the large bill. The outer portion of the bill was black and strongly hooked.

Similar Species: Parasitic Jaeger was ruled out because the central rectrices were not narrow and pointed and the head and neck were plain and unstreaked. The over-all color of the bird was a colder gray-brown rather than a rich brown color typical of Parasitic Jaeger. Long-tailed Jaeger was ruled out because they are much smaller and more stream-lined with a stubby bill that lacks a strong hook at the tip.

Prior Experience: I have seen several Pomarine Jaegers at Presque Isle and on pelagic trips on the Atlantic Ocean.

(Documentation submitted to PORC.) ✎

Brant

Alan Gregory

Date: 12/29/2001, after 3 PM

Location: Southeast Bradford CBC, *Bradford*

Description: Doug Gross and I were birding along a rural road in the vicinity of the New Era United Methodist Church on Saturday, Dec. 29, when a skein of geese was heard overhead. I zeroed in on the geese with my 7 x 42 Zeiss binos followed almost immediately by Doug with his 10x binos. The southbound skein of more than 40 geese was formed up in the characteristic "V" formation and was flying at an altitude above ground level of approximately 500 feet. It was apparent right away that there were two species of geese within the formation. Near the front of the nearest leg of the "V" were 9 smaller geese. The most-forward of these smaller geese was about 6 birds back from the front of the "V" with a Canada Goose leading the formation. The other 8 of the smaller geese were immediately in line behind their leader.

These smaller geese were almost immediately afterwards identified as Brant (*Branta bernicla*) based on their size (near that of a large duck), blackish faces and necks and whitish underparts (contrasting with the brownish underparts of the larger Canada Geese) and whitish sterns.

Doug confirmed the identity of these smaller geese by following them as they continued through the southern sky with his spotting scope at 30x power. At one point during our observation of this skein, the 9 Brant broke out of the larger formation and formed their own, loose skein before rejoining the larger "V" and continuing to fly with the larger Canada Geese. The Canada Geese in this skein were honking but we could not tell if the Brant were also vocalizing. Several minutes later, another skein of geese was sighted along the same flight track (north to south). All of these birds, 30 of them, were identified as Brant. Soon after this observation, yet another skein went over; this too was a mixed flock containing a small number of Brant. We counted 9 Brant in this skein.

Prior Experience: Both observers are familiar with Brant, having observed the species on numerous occasions, both in flight (e.g. over the CouncilCup Hawk Watch) and on coastal waters (e.g. Bngantine NWR).

(Documentation submitted to PORC.) ✎

Red Phalarope

August Mirabella

Date: 10/20/2001

Location: Peace Valley Park, *Bucks*

Conditions: Clear, sunny with sun at our backs. Seen with Zeiss 7x42 Bins & Leica APO77 Scope at approximately 25 to 75 feet
Other Observers: Judy Mirabella, Devich Farbotnik, Ray Hendrick, Barbara McGlauchlin, Cele Deemer, George Hoffman et al

Description: The bird was an obvious phalarope feeding actively along the edge of the mud flats and in the adjacent shallow water. It was striking in the bright lighting, appearing very light overall from a distance. The upper-parts background color was a pale gray, or in the mid-afternoon light, blue-gray. The underparts were mostly white including much of the face and neck. The cap was also white going back far beyond the eye or two-thirds to three-quarters the length of the cap. There was some black speckles left on the middle crown. The black eye stripe/patch extended behind the eye. The bird was apparently a juvenile molting into first winter plumage. It had blackish primaries and wing coverts with pale edges. The juvenile brownish plumage with streaks was still visible where the neck joined the back. A blackish broken stripe went down the back of the neck and continued on the back. There were two blackish bars (scapulars) on the back on either side of the center strip. The underwing linings were mostly white with no dark bars as in Red-necked. The bill was thick from the side view and very wide from the top view. The base of the lower bill was dirty yellow. This along with the underwing color eliminated either of the other two phalaropes. The legs were dark.

(See Photographic Highlights section.)

(Documentation submitted to PORC.) ✎

Eurasian Collared-Dove

Jerry McWilliams

Date: 11/25/2001, 8:20-9:10AM

Location: Fairview, *Erie*

Conditions: variably cloudy ,southwest wind to about 10 mph. Visibility good. Seen at a distance of 75 feet to 100 yards.

Description: When turning off of Blair road onto Maple Road in Fairview township I noticed four doves feeding along the edge of the road. As I approached in my vehicle I saw one that was larger. As I slowed down and got closer I could see that the larger one was a Eurasian Collared-Dove. I continued to get closer until they spooked and flew into a nearby tree. I studied the dove at no more than 75 feet away as it sat with the mourning doves on a branch. In a minute or two they flew back down to the road. Since I was working and had the company vehicle I didn't have my camera with me, so I drove back to the hatchery and got my camera and returned to the dove site. When I returned the doves had resumed feeding along the road. I started taking photographs from a distance and then gradually eased my way to within 75 feet of the dove. (See Photographic Highlights section.)

The Eurasian Collared-Dove was noticeably larger than the Mourning Doves that were feeding with it. It was sandy colored on the breast and around the head and neck. The mantle and upper wing coverts were buff colored. The primaries were a medium gray-brown contrasting with the buffy wing coverts. The contrast between the primaries and wing coverts were even evident when the bird was flying. There was a broad black bar across the nape that was edged with white and was brightest on the bottom side of the bar. When the bird flew it had broad white-tipped outer rectrices. The white on the tail extended to at least half way up from the tip on the outermost rectrices. When the tail was spread it was slightly rounded like a Rock Dove's tail, not like the pointed tails of the Mourning Doves. The bases of the rectrices were gray on the upperside. The central rectrices were buff-colored to the tip. Some of the rectrices were not fully grown out. When the dove was perched above me in the tree I could see that the undertail coverts were gray becoming diffused on the belly. The underside of the tail was mostly white except about 10% of the base which was black. The black extended about a third of the way down the outer web of the outer rectrices. Despite having one or two short new rectrices, the dove appeared to be in excellent shape and showed no sign of wear on the primary tips or tail that would

indicate an escape. One of the Mourning Doves with the collared-dove also had some short new rectrices growing out.

Similar Species: Ringed Turtle-Dove was ruled out because they are smaller, paler, with little contrast between primaries and wing coverts, have white outer webs to the outer rectrices, and white not gray undertail coverts.

Prior Experience: I have seen many of these doves in Florida.

Nelson's Sharp-tailed Sparrow

Jerry McWilliams

Date: 10/5/2001, 10:30-11 AM

Location: Presque Isle State Park, *Erie*

Conditions: Visibility good, cloudy, wind 5 mph from the southwest. Seen as close as 25 feet.

Description: At the east end of Leo's landing among clumps of yellow flowers (marigold species) in an open area between stands of cattails, were at least three Nelson's Sharp-tailed Sparrows. There were small open patches of mud around each of the plants and the sparrows were feeding among the clumps of flowers. When they flushed as I walked they flew only a few feet and landed along the edge of the cattails on an exposed cattail leaf. This allowed me to get prolonged views and take photographs. I could only find sharp-tails in this one patch of flowers. I walked the entire area thoroughly including through the cattails and in the inlet of Leo's, but did not find any others. They seemed to prefer this patch of relatively open space between the cattails near the eastern end of the spit.

I never saw more than two birds at one time, but I did see a single bird on the opposite side of the patch from where I had seen these two birds moments later. I believe this single bird was a different one. All three birds had similar plumages. They appeared to be about the same size as the numerous Swamp Sparrows, but appeared chunkier and shorter tailed. Their crowns were a medium gray bordered on either side by a heavy black stripe. The supercilium and malar was a rich buff. The buffy plumage continued down from the malar onto the throat, upper breast, and down the flanks. There were narrow well defined brownish streaks across the breast becoming heavier down the flanks. The auricular was gray with some buff evident directly behind the auricular. A dark brown streak began at the back of the eye and continued over the auricular becoming clubbed at the juncture of the nape. The

nape was gray contrasting with the dark mantle. There were prominent white streaks running down the dark brown mantle that could easily be seen when the birds flew directly away from me. The belly was white and well demarcated from the buffy breast and flanks. The flight of the sharp-tails were more direct than the other species of sparrows in this area. Their flight tended to be less undulating than the Swamp Sparrows.

Similar Species: Saltmarsh Sharp-tailed Sparrow was ruled out because this species has the buff in the face noticeably brighter than its breast and flanks. Saltmarsh sharp-tails have the orange breast and flanks more diffused with the white belly. The breast and flank streaking tends to be blacker than in Nelson's sharp-tails as well.

Prior Experience: This is the first time I have seen this species in Erie County in 21 years. I have seen many Saltmarsh Sharp-tailed Sparrows in New Jersey.

(See cover photo.)

(Documentation submitted to PORC.) 📄

Nelson's Sharp-tailed Sparrow

Ken Reiker

Date: 10/21/2001

Location: Pine Run Reservoir, *Bucks*

Description: Devich Farbotnik and I were walking at Pine Run Reservoir looking for sparrows. We were following a small stream about 20-40 feet wide, that had a lot of long grass and weeds with scattered shrubs growing in it. While walking along this stream, we were kicking up sparrows, mostly Swamp, Song, and Savannah. We were nearing the end of the field when two birds flushed, and Devich exclaimed "I think there is a sharp-tail." In a few seconds we again saw the bird. This time it emerged on my side and I had a good look at it, enough to confirm that one of the birds was indeed a Nelson's Sharp-tail. In the next hour we had additional good looks, and Devich was able to videotape the bird.

Incidentally, the second bird seen was a Marsh Wren. Also on October 15 of the previous year, a Nelson's was also found at the same location.

As to the details of the bird, the first thing that stood out was the bright orange triangle on the sides of the face, with grayish auriculars. This same orange-buffy color continued onto the throat, upper breast, and sides of the bird. There was very little color contrast between the throat and malar region, (again a uniform orangish

color). The buffy-orange did make a sharp contrast with the white belly on the bird. There was diffused and blurry streaking across the upper breast and sides of the bird, not the strong bold streaks found on the Saltmarsh Sharp-tail. The back was dark with white stripes. The sparrow continued in this high grass area, very reluctant to leave this cover. The bird would flush, fly a few feet, stop and look around, and then burrow into the high grass. As far as I know, the bird was seen only the one day.

(Documentation submitted to PORC.) 🦋

Lark Bunting

Charles Crunkleton

Date: 10/20/2001

Location: Peace Valley Park, *Bucks*

Conditions: 7:45 A.M., with partly cloudy skies, no wind, and the sun at our backs. The bird was flushed only about 5 feet away from us.

Other Observers: Elaine Ryan

Behavior and Habitat: The bird was in ankle high grass at the edge of an overgrown field when it was flushed. We were walking along the edge of the field when the bird flew up from the grass just in front of us. It momentarily landed on some multiflora a few feet away and about 2 feet above the ground, then flew to another multiflora bush about 20 feet into the field and about 5 feet above the ground, where it stayed for about 5-7 seconds. Then it dropped to the ground and was not seen again.

Description: When the bird was first flushed and in flight, the obvious markings were bold white patches on the upper wing, and the overall darkness of the bird. I didn't see it well when it first landed, but had a good view of the bird when it alighted the second time. I saw the bird from the left side. The head, back and tail were all dark, with a long white wing patch. Underparts were a dusky white, heavily streaked on the belly and flanks. The face was unpatterned, except for a light but noticeable post-auricular vertical stripe. The shape and size of the bird suggested a plump sparrow. When the bird dropped back into the weeds, I noticed white under the tip of the tail. In the book "A Guide to the Identification and Natural History of The Sparrows of the United States and Canada" by Rising and Beadle, there is an illustration on page 131 of a Lark Bunting in flight that is extremely similar to what I

saw, from the position of the wing patch to the shape of the wing itself

Similar Species: There are no other similar species that occur regularly in North America that I can think of that resemble a male Lark Bunting.

(Documentation submitted to PORC.) 🦋

Western Kingbird

Bill Etter

Date: 10/4/2001 approx 6 PM

Location: Nockamixon State Park, *Bucks*

Conditions: Mostly clear with sun low in sky, but still above treetops. There was good light and the sun was behind me for most of the encounter. Bird was mostly to my north. Bird originally flew directly overhead within 20-30 feet, and then was in treetops about 30 feet overhead about 20 feet in front of me. I had to back up for better perspective. Bird then flew across the field and perched at the top of a pile of brush about 200 feet away, where it remained for about a minute. Viewed the entire time with 10x24 binoculars.

Habitat and behavior: The bird was seen around an open field. This area was cleared of second growth scrub and multiflora a few years ago, and replanted with native grasses and borders of food crop (corn, sunflower, sorghum, etc.). A small stand of younger trees and a few lone spruces were left intact. Brush piles edge the field, which backs up directly to mature forest on the northwest side. It seemed that I flushed the bird out of the patch of corn. It was late enough in the day, so maybe it had already gone to roost. Once in the treetops, it became active. It was at this point that I got my best looks from several angles as it moved around. After 1 minute or so, it flew across the field and perched on a brushpile. It remained more or less motionless there for a minute or more. It was facing me at this point, so I got a good look at the face, head and breast. As I began to walk down the field for a different vantage point, the bird flew away. I was unable to relocate it.

Description: From my notes, written right after the observation, slightly paraphrased for sake of clarity: ...had what at first seemed to be a(n Eastern) Kingbird, which would have been the first in about a month. It fluttered up out of the cornfield (or possibly flew low over it, though I'm pretty sure it was roosting in there...) and perched in treetop above me. As soon as it landed. I could see that it was far too pale on head and back for E Kingbird. It turned toward

me - saw the bright breast and pale yellow belly and realized it was at least Western Kingbird. Checked and double-checked to make sure I wasn't looking at a phoebe, which are all over up there, but it was too big and too pale. Throat and breast was very bright, back a silvery gray to olive, sides a little darker. Belly a pale yellow wash - lighter than I'd expected from pictures. Tail had white lining, no terminal band. Bill much more substantial than phoebe. Cheeks light, bright even, really stood out. When it flew across the field, flight was different than E. Kingbird-smoother, more direct, and less belabored. Bird was silent."

I would add that I didn't observe any 'tail-flicking' or similar habits. With other tyrant flycatchers in mind. I searched for any field marks that might be helpful, but found nothing. The overall paleness of this bird, particularly of yellow on belly, sets it apart from Couch's/Tropical/Cassin's Kingbirds. This difference was even more pronounced since the bird appeared to be a juvenile. Color of back and breast, and light edges on tail go further toward eliminating these other suspects. Diminutive head and bill further eliminate Couch's or Tropical.

(Documentation submitted to PORC.) 🦋

Bohemian Waxwing

Dan Donaldson

Date: 11/10/2001, 10 AM

Location: Presque Isle State Park, *Erie*

Conditions: A group of about 12 people, led by Dan Donaldson and Cheyl Ashcroft were observing Cedar Waxwings at close range (20-30 feet), feeding on berries about 15 feet high, along the main road near the parking lot at Swan Cove.

Description: The adult Bohemian Waxwing was seen in a flock of about 20 Cedar Waxwings. The distinct rusty cap is what first drew my attention to it. The I noticed the size difference. This bird seemed about 20% larger than the other waxwings around it. After realizing what I was seeing, I then did a visual rundown of the bird and verified the rusty cap, white wing markings and rusty belly.

(Documentation submitted to PORC.) 🦋

Summary of the Season - October through December 2001

by Peter Robinson

The quarter experienced unusually warm and dry weather that resulted in many record late dates for a variety of species, and some high numbers of species on Christmas Bird Counts. Sightings of migrant waterfowl were generally low in both numbers and variety. Waterfowl migration was described in terms such as “poor”, “unimpressive”, and “below normal”.

Great Cormorants were seen at several places away from their usual lower Delaware River wintering area. An immature in *Berks* was the 2nd county record, one was at Peace Valley and another was at Lake Nockamixon in *Bucks*, in November there was one in *Carbon*, a few were recorded in *Chester* for that county’s 1st records, there were sightings of a single bird in *Lancaster* on 10/6 and 10/14, and the immature that was in *Montgomery* from 11/4 to the end of the quarter was the 3rd county record.

Some **Great Blue Herons** normally stay in the state until lakes, ponds and streams have frozen over, but the 51 seen in a field on a *Clinton* CBC was quite unusual. A few **Great Egrets** stayed late. In *Adams* there were 2 on 12/5 and another one on 12/10. One was found 12/15 on a *Bucks* CBC, and one was seen in *York* on 12/9. A **Little Blue Heron** in *Montgomery* on 10/28 was also quite late.

A few **Greater White-fronted Geese** were found away from the southeast corner of the state where they are the least uncommon. There were 9 that flew by a hawk watch in *Bedford*, one in *Montour*, and one in *York* 11/23. A **Ross’s Goose** at Peace Valley was only the 5th record for *Bucks*. A **Brant** found on a *Bradford* CBC was the first in 51 years! Another was reported in *Centre* in late December, and one was in *Montgomery* on 10/27.

Wild Turkey seem to be doing well in the state. 125 were seen on a *Bradford* CBC, and in *Dauphin* 140 were seen in Carsonville on 12/21. **Sandhill Crane** must be more hardy than one would expect. A group of 20 were in *Mercer* all quarter, and a pair stayed in *Sullivan* until 11/8.

Red Phalarope, normally the toughest of the three phalaropes to find in the state, was the only one reported during the quarter. One, the 6th *Bucks* record, was found at Peace Valley Park. Another was found in *Erie* at Presque Isle. Four shorebird species established record late dates at Presque Isle.

A **California Gull**, a western species that is very rare in the east, was reported in *Bucks* at Tulleytown. It was studied carefully, was described well, and the report has been submitted to the PORC. **Iceland** and **Glaucous Gulls** found in places other than the usual Presque Isle and Tulleytown locations included an Iceland and a Glaucous Gull found on a *Berks* CBC, as well as a Glaucous and 2 Iceland Gulls found in *Wyoming* that were both first records for that county.

Snowy Owls were fairly plentiful, and were found in some interesting spots. One seen in *Carbon* on 11/29 was that county’s first. One in *Clarion* was seen perched on the top of a car. In *Lycoming*, one was found 11/11 caught in a fence, was extracted and released unharmed. Single birds were

seen on 12/12 in *Montour* and 11/28 in *Susquehanna*. Another Snowy Owl was in *Union* 12/8 to the end of the quarter at the Allenwood federal prison grounds, and was reported to be responsible for a reduction in the population of cats on the grounds. There was one 11/29 in *Warren*, and two were found in *York*. **Short-eared Owls** were more scarce than usual. The **Northern Saw-whet Owl** banding effort is continuing across the state with 49 banded in *Bedford*, 119 in *Berks*, 46 in *Clinton*, 187 in *Dauphin*, 172 in *Huntingdon*, 112 in *Monroe*, and 111 in *Potter*.

Flycatchers are known for flying the wrong direction during migration, but a probable **Pacific-slope Flycatcher** found 12/16 in *Lancaster* was a remarkable 3rd record for that species for the SoLanCo CBC! **Northern Shrikes** visited the state, and were reported in 11 counties. Swallows lingered, with a **Cliff Swallow** seen 10/27 in *Butler*, a **Tree Swallow** found in *Susquehanna* on a 67 degree day on 12/5, and 5 others in *York* on 12/9. There was a noticeable influx of true “northern” **Black-capped Chickadees**.

Bohemian Waxwing is a very uncommon winter visitor that takes perseverance and good luck to find. One was found this quarter in *Erie*, and another was in *Potter*. **American Robins** do not usually attract much attention among birders, even in late fall or during the winter, but a *Berks* roost containing an estimated 30,500 of them must have been a memorable sight!

Warblers lingered throughout the state. Twenty species were reported in *Bucks* during the quarter. Among the notable late warblers were a **Yellow Warbler** that was in *Warren* from 11/18 to 12/26, and a **Yellow-throated Warbler** found 12/16 in *Lancaster* at Muddy Run that stayed well beyond the end of the quarter. **Orange-crowned Warbler** was reported from 8 counties. **Connecticut Warbler** was reported in 6 counties.

A **Clay colored Sparrow** at two neighboring *Juniata* feeders was a very nice “yard bird”. Another one was found in *Schuylkill*. The county’s 5th **Nelson’s Sharp-tailed Sparrow** was found in *Bucks*. **Dickcissels** were reported in *Berks*, *Centre*, *Huntingdon*, and *Indiana* counties.

Winter finches went through from late October to early November. Three very cooperative **Pine Grosbeaks** that were found 12/30 near Mansfield in *Tioga* stayed and were eventually seen by many birders from around the state. **Red Crossbills** made a few appearances, but not very many – there was one in *Centre* and one in *Chester*. **White-winged Crossbills** were much more obliging. **Common Redpolls** were rather scarce, but a flock of about 30 were at Presque Isle from early November to the end of the quarter. **Pine Siskins** came and stayed at a number of locations, with 50 in *Bedford* on 10/28, as many as 75 at a feeder in *Huntingdon*, and a high count of 75 in *Montgomery*. Many of the **Evening Grosbeaks** seen were on their way further south, and they were not very plentiful after the first few days of November, but good numbers of them were found at a feeder in *Elk* through the end of the quarter, in *Forest* with 40 on 12/26, in *Lebanon* with 30 on 12/1, in *Warren* with 31 on 12/16, and in *Westmoreland* with 22 on 12/16. ♣

Birds of Note - October through December 2001

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

by Peter Robinson

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 - *Bucks*: 1 at Nockamixon State Park on 11/20 (Bill Etter) and 11/27 (Eleanor Harding); *Erie*: 1 on 11/10 at Presque Isle (Jerry McWilliams), 1 on 12/15 at Presque Isle (Adam Erb); *Tioga*: 1 on 12/26 at Cowanesque Lake (Joana Stickler); *Westmoreland*: 1 on 12/23 at Bushy Run (CBC)

Eared Grebe - *Erie*: 1-2 from 11/17-12/15 at Presque Isle (Jerry McWilliams)

Great Cormorant - *Berks*: 1 immature 11/10-24 at Glen Morgan Lake (Ken Lebo); *Bucks*: 1 at Peace Valley Park 11/8-17 (August Mirabella), 1 on 11/18 at Upper Black Eddy (Devich Farbotnik), 13 on 12/15 on the lower Delaware River (S-CBC), 1 at Nockamixon State Park 12/19-26 (Bill Etter, Cameron Rutt); *Carbon*: 1 on 11/11 at Beltzville Lake and 1 on 11/17+ at Wild Creek Reservoir (var ob) (no desc); *Chester*: 1-3 on & off from 10/3 to 12/1 (John McManara, m obs); *Lancaster*: 1 at the Conejohela Flats on 10/6 and 10/14 (Bob Schutsky) (no desc); *Montgomery*: 1 immature 11/4 to end of quarter at Green Lane Res. (George Franchois, Kevin Crilley, var ob)

Little Blue Heron - *Bucks*: 1 on 10/13 at Rohm & Haas (Devich Farbotnik); *Montgomery*: 1 on 10/28 at Upper Perkiomen Park (Paul & Anita Guris)

Cattle Egret - *Potter*: 1 on 10/18 at Ford Hill (Jack Mitterer)

Gr. White-fronted Goose - *Bucks*: 1 on 11/26 at Peace Valley Park (August Mirabella), 4 on 12/3 to end of quarter at Peace Valley Park (Ken Rieker); *Chester*: 1 on 12/11 at Chambers Lake (Grier Saunders, Theodore Drozdowski, Larry Lewis, Holly Merker), 1 on 12/29 at PR (Sharon Gardo, Rick Keyser, Wendy Sykora); *Montgomery*: 2 on 11/23 at Upper Perkiomen Park (Brett Belli), 1 on 12/14 at Green Lane Res. (Brett Belli); *Montour*: 1 on 12/4 at Lake Chillisquaque (Jon Beam); *York*: 1 on 11/23 at Long Arm Res. (Bob Moul)

Ross's Goose - *Bucks*: 1 immature on 10/23 in Blooming Glen (Cameron & Robert Rutt)

Eurasian Wigeon - *Dauphin*: 1 on 12/23 at Wildwood Lake (Allan & David Trently)

Harlequin Duck - *Crawford*: 1 on 10/18 in Richmond Twp. (Bob Scribner) (details submitted to PORC)

Surf Scoter - *Bucks*: 4 on 11/20 at Peace Valley Park (Devich Farbotnik, Ken Reiker); *Erie*: 2 on 10/27 at

Presque Isle (Ben Coulter), 2 on 12/2 at Presque Isle (Jerry McWilliams)

Black Scoter - *Berks*: 6 on 11/11 at Lake Ontelaunee (Matt Spence); *Bucks*: 19 on 10/28 at Nockamixon State Park (Devich Farbotnik), 4 on 11/11 at Peace Valley Park (August Mirabella, Cameron Rutt); *Centre*: 2 on 11/11 at Colyer Lake (Molly Heath); *Erie*: 3 on 10/28 at Presque Isle (Ben Coulter), 1 on 12/28 at Presque Isle (Jerry McWilliams); *Montgomery*: 40 on 10/28 at Green Lane Reservoir (Ken Reiker, George Franchois)

Northern Bobwhite - *Bucks*: 4 on 10/20 and 1 on 11/24 at Nockamixon State Park (Bill Etter)

Virginia Rail - *Bucks*: 1 on 10/13 at Upper Black Eddy (Robert Neitz); *Chester*: 3 on 12/8 at White Clay Creek (Wild Bird Center of Exton); *Juniata*: 1 at Centre on 11/17 (Daniel Kanagy) and 11/20 Marvin A. Troyer)

Sora - *Montgomery*: 1 on 10/7 at Norristown Farm Park (Jack McBrearty)

Common Moorhen - *Luzerne*: 1 on 10/13 at LS (Rick Koval)

Black-bellied Plover - *Bucks*: 1 on 10/27 at Nockamixon State Park (Devich Farbotnik); *Chester*: 5 on 10/24 at Chambers Lake (Theodore Drozdowski)

Ruddy Turnstone - *Erie*: 1 stayed at Presque Isle until 12/22 (Matt Tenney)

Semipalmated Sandpiper - *Crawford*: 14 on 10/9 at Pymatuning Causeway (Ronald Leberman), 6 on 10/22 at the Pymatuning Fish Hatchery (Ronald Leberman)

Western Sandpiper - *Philadelphia*: 1 on 10/21 at Tinicum (Gregg Gorton)

White-rumped Sandpiper - *Bucks*: 2 on 10/19 at Pine Run (Devich Farbotnik, August Mirabella); *Crawford*: 1 on 10/9 at the Pymatuning Causeway (Ronald Leberman); *York*: 2 on 10/12 at Codorus State Park (Peter Robinson)

Baird's Sandpiper - *Erie*: 1 at Presque Isle on 10/5 and 10/8 (Jerry McWilliams); *Indiana*: 1 on 10/9 at Yellow Creek SP (Margaret Higbee, Dory Jacobs, Linda Wagner)

Stilt Sandpiper - *Bucks*: 2 on 10/6 and 1 on 10/29 at Core Creek Park (Devich Farbotnik); *Montgomery*: 1 on 11/2 at Green Lane Res. (August Mirabella)

Short-billed Dowitcher - *Berks*: 1 on 10/24 at Shartlesville (Harold & Joan Silagy); *Cambria*: 2 on 10/5 at Colver (John Salvetti); *Crawford*: 1 on 10/9 at the Pymatuning Causeway (Ronald Leberman); *Somerset*: 1 on 10/5 at Garrett Mud Flats (Jeff Payne)

Long-billed Dowitcher - *Crawford*: 3 on 10/9 at the Pymatuning Causeway (Ronald Leberman); *Erie*: 1 at Presque Isle 10/5-6 (Jerry McWilliams); *Indiana*: 10 on

10/26 at Yellow Creek SP (Lee Carnahan); *Lancaster*: 1 on 10/16 at Conejohela Flats (Bob Schutsky); *Somerset*: 1 on 10/24 at Somerset Lake

Red Phalarope - *Bucks*: 1 on 10/20 at Peace Valley Park (Devich Farbotnik, August & Judy Mirabella, & others) (details submitted to PORC); *Erie*: 1 on 10/27 at Presque Isle (Ben Coulter)

Pomarine Jaeger - 1 immature on 11/18 at Presque Isle (Jerry McWilliams) (details submitted to PORC)

Jaeger species - 1 immature at Presque Isle on 10/8, 12/24, 12/28 (Jerry McWilliams) and 11/23 (John Fedak) (details submitted to PORC)

Laughing Gull - *Bucks*: 3,000 on 10/20 at Tulleytown (Matt Sharp), 4 on 12/15 at Warner Tract (Matt Sharp, George Armistead, Rick Mellon); *Delaware*: present until November.; *Erie*: 1 on 10/4 at Presque Isle (Jerry McWilliams); *Lancaster*: 1 on 10/27 at Conejohela Flats (observer?)

California Gull - *Bucks*: 1 adult on 11/10 at Tulleytown (Matt Sharp) (details submitted to PORC)

Thayer's Gull - *Bucks*: 1 on 11/10 at Tulleytown (Matt Sharp), 2 on 11/13 at Tulleytown (Richard Crossley, Evan Obercian)

Iceland Gull - *Berks*: 1 on 12/22 at Glen Morgan Lake (Frank & Barb Haas); *Bucks*: 1 on 11/10 at Tulleytown (Matt Sharp), 6 on 11/13 at Tulleytown (Evan Obercian, Richard Crossley), to end of quarter; *Wyoming*: 2 on 11/19 at S. Eaton (William Reid)

Glaucous Gull - *Berks*: 1 on 12/22 at Glen Morgan Lake (Frank & Barb Haas); *Bucks*: 1 on 11/4 at Tulleytown (Matt Sharp), to end of quarter; *Wyoming*: 1 on 11/16 at S. Eaton (William Reid)

Caspian Tern - *Erie*: 1 on 10/27 at Presque Isle (Ben Coulter)

Forster's Tern - *Bucks*: 8 on 10/6 at Bristol (Devich Farbotnik)

Eurasian Collared-Dove - *Erie*: 1 on 11/25 at Fairview (Jerry McWilliams) (details submitted to PORC)

Black-billed Cuckoo - *Lebanon*: 1 on 10/7 at Second Mountain (Randy Miller, Morris Cox); *Westmoreland*: 1 on 10/6 at Powdermill Nature Reserve (Robert C. Leberman, Robert S. Mulvihill)

Yellow-billed Cuckoo - *Bucks*: 1 on 10/7 at Blooming Glen (Cameron Rutt); *Indiana*: 2 on 10/4 at Blue Spruce County Park (Margaret Higbee, Evelyn Fowles, Dennis Lauffer); *Philadelphia*: 1 on 10/8 at Tinicum (Skip Conant)

Common Nighthawk - *Allegheny*: 2 on 10/4 in Pittsburgh (Kate St. John); *Mercer*: 1 on 10/28 at Williamson Rd. (Troyer Family); *Montgomery*: 1 on 10/31 at EAG (Paul & Anita Guris); *Philadelphia*: 3 on 10/2 at Mt. Airy (Steve Lawrence)

Yellow-bellied Flycatcher - *Indiana*: 1 on 10/6 at Pine Ridge County Park (Roger & Margaret Higbee, Lee

Carnahan, Steve & Shirley Graff)

Least Flycatcher - *Bucks*: 1 on 10/3 at Peace Valley Park (Walter Knight); *York*: 1 on 10/2 at Codorus Furnace (John & Jean Prescott)

Pacific-slope Flycatcher - *Lancaster*: 1 on 12/16 + at Fishing Creek (Barry Blust, Bob Schutsky, m obs) (no desc)

Great Crested Flycatcher - *Berks*: 1 on 10/14 at Lake Ontelaunee (Matt Spence); *York*: 1 on 10/20 at Rocky Ridge County Park (John & Jean Prescott)

Western Kingbird - *Bucks*: 1 on 10/4 at Nockamixon State Park (Bill Etter) (details submitted to PORC)

White-eyed Vireo - *Bucks*: 1 on 10/1 at Nockamixon State Park (Bill Etter); *Westmoreland*: 1 on 10/2 at Powdermill Nature Preserve (Robert C. Leberman, Robert S. Mulvihill)

Yellow-throated Vireo - *Allegheny*: 1 on 10/3 in Sewickley (Chris Knoll)

Warbling Vireo - *Juniata*: 2 on 10/17 at MR (Elmer Petersheim)

Philadelphia Vireo - *Allegheny*: 1 on 10/3 in Sewickley (Chuck Knoll); *Berks/Schuylkill*: 1 on 10/3 at Hawk Mountain Sanctuary (Eric Hynes); *Bucks*: 1 on 10/2 at Nockamixon State Park (Bill Etter); *Lebanon*: 1 on 10/14 at SGL 145 (Randy Miller)

Purple Martin - *Crawford*: 1 on 10/12 at the Pymatuning Causeway (Ronald Leberman); *Lebanon*: 1 on 10/7 at Memorial Lake (Randy Miller, Dave Rota)

Northern Rough-winged Swallow - *Bucks*: 3 on 10/11 at Peace Valley Park (August Mirabella); *Philadelphia*: to 10/20 at Tinicum (observer?)

Bank Swallow - *Bucks*: 1 on 10/17 at Peace Valley Park (August & Judy Mirabella); *York*: 4 on 10/5 & 10/13 at Codorus Furnace (John & Jean Prescott)

Cliff Swallow - *Bucks*: 2 on 10/6 at Center Bridge (Bill Etter); *Butler*: 1 on 10/27 at Moraine State Park (Scott Kinzey)

Blue-gray Gnatcatcher - *Bucks*: 1 on 10/1 at Peace Valley Park (Ken Kitson); *Delaware*: 1 on 12/17 at Tinicum (John Miller)

Veery - *Allegheny*: 1 on 10/25 at Frick Park (Jack & Sue Solomon); *Indiana*: 1 on 10/4 at Blue Spruce County Park (Evelyn Fowles, Margaret Higbee, Dennis Lauffer)

Varied Thrush - *Lebanon*: 1 on 11/9 at Mt. Gretna (observer?) (no desc)

Bohemian Waxwing - *Erie*: 1 at Presque Isle 11/10 (Dan Donaldson) and 11/17 (Jerry McWilliams) (details submitted to PORC); *Potter*: 1 on 1/24 at the Mitterer farm (Jack Mitterer)

Northern Parula - *Bucks*: 1 at Peace Valley Park and 1 at Chalfont on 10/10 (August Mirabella, Ron French); *Chester*: 1 on 10/21 at Longwood Gardens (Mike Harvell, Lisa Tull); *Lebanon*: 1 on 10/21 at Second Mountain (Ramsay Koury)

Yellow Warbler - *Bucks*: 1 on 10/1 at Nockamixon State Park (Bill Etter)

Chestnut-sided Warbler - *Allegheny*: 1 on 10/3 in Sewickley (Chris Knoll); *Bucks*: 1 on 10/6 at Peace Valley Park (August Mirabella)

Cape May Warbler - *Butler*: 1 on 11/6 at Moraine State Park (Joyce Hoffmann, Dave Wilton); *Erie*: 1 on 12/2 at Presque Isle (Paul Hess, Sam Sinderson); *Indiana*: 1 on 10/3 at Blue Spruce County Park (Bob Jackman, Paul & Jane Wunz, Greg Zawrotny); *Philadelphia*: 1 on 10/25 at Wissahickon Creek (Matt Sharp)

Blackburnian Warbler - *Berks/Schuylkill*: 1 on 10/3 at Hawk Mountain Sanctuary (Eric Hynes); *Bucks*: 1 on 10/11 at Nockamixon State Park (Bill Etter)

Yellow-throated Warbler - *Lancaster*: 1 on 12/16 at Muddy Run (observer?)

Bay-breasted Warbler - *Allegheny*: 1 on 10/3 in Sewickley (Chris Knoll); *Berks/Schuylkill*: 1 on 10/5 at Hawk Mountain Sanctuary (Eric Hynes); *Dauphin*: 1 on 10/5 at Middletown (Pete Fox)

American Redstart - *Bucks*: 1 on 10/16 at Core Creek Park (Devich Farbotnik); *Indiana*: 1 on 10/4 at Blue Spruce County Park (Evelyn Fowles, Margaret Higbee, Dennis Lauffer); *Westmoreland*: 1 on 10/31 at Powdermill Nature Preserve (Robert C. Leberman)

Northern Waterthrush - *Westmoreland*: 1 on 10/5 at Powdermill Nature Preserve (Robert C. Leberman, Robert S. Mulvihill)

Hooded Warbler - *Allegheny*: 1 on 10/5 in Sewickley (Chris Knoll); *Crawford*: 1 at Hartstown Marsh on 10/6 (Marvin Byler); *Indiana*: 1 on 10/4 at Blue Spruce County Park (Evelyn Fowles, Margaret Higbee, Dennis Lauffer); *Mercer*: 1 on 10/4 at Nicklin Lane (Troyer Family)

Wilson's Warbler - *Indiana*: 1 on 10/6 at Blue Spruce County Park (Evelyn Fowles, Dennis Lauffer); *Philadelphia*: 1 on 10/9 at Mt. Airy (Steve Lawrence); *Westmoreland*: 1 on 10/6 at Powdermill Nature Preserve (Robert C. Leberman, Robert S. Mulvihill)

Yellow-breasted Chat - *Bucks*: 1 on 12/4 at Peace Valley Park (August Mirabella); *Montgomery*: 1 on 12/15 at Fort Washington SP (Bill & Naomi Murphy)

Clay-colored Sparrow - *Erie*: 1 on 10/21 at Presque Isle (RS), 1 on 10/31 in Erie (Dick Bollinger); *Juniata*: 1 on 12/8 (Aden Troyer) and 12/9 (David Troyer) at feeders in Oakland Mills (no desc)

Lark Bunting - *Bucks*: 1 on 10/20 at Peace Valley Park (Chuck Crunkleton, Elaine Ryan) (details submitted to PORC)

Grasshopper Sparrow - *Venango*: 1 on 10/20 at Polk Wetlands (Jerry Stanley, Russ States)

Henslow's Sparrow - *Westmoreland*: 1 on 10/19 at Powdermill Nature Preserve (Robert C. Leberman, Robert S. Mulvihill)

Nelson's Sharp-tailed Sparrow - *Bucks*: 1 on 10/21 at Pine Run Dam (Devich Farbotnik, Ken Reiker, & others) (details submitted to PORC); *Erie*: up to 3 from 10/5-13 at Presque Isle (Jerry McWilliams & others) (details submitted to PORC); *Lancaster*: at Bainbridge there were 3 on 10/7 (Deuane Hoffman, Andy McGann, Peter Robinson, Tom Garner, Eric Witmer) and 4 on 10/14 (Bruce Carl, Tom Garner, Eric Witmer) (no desc)

Dickcissel - *Berks*: 1 immature male 10/31-11/7 near Bechtelsville (Joanne Kintner); *Centre*: 1 in Dec. at a feeder in Boalsburg (Tom Pluto) (no desc); *Indiana*: 1 on 11/16 at Shelocta (Roger & Margaret Higbee)

Bobolink - *Bucks*: 1 on 11/1 at Warner Tract (Devich Farbotnik)

Yellow-headed Blackbird - *Lancaster*: 1 near Octoraro Lake on 12/16 (Deuane Hoffman) (no desc)

Brewer's Blackbird - *Bucks*: 1 on 12/16 at Dahl Road (Ron French, John Yerger) (details submitted to PORC), 1 on 12/26 on Forest Grove Rd. (Devich Farbotnik) (details submitted to PORC); *Butler*: 2 on 11/3 at Slippery Rock (Gene Wilhelm) (no desc); *Greene*: 1 on 11/24 at Kennel Road (Kathy Kern) (details submitted to PORC); *Lancaster*: 2 near Octoraro Lake on 12/16 (Deuane Hoffman) (no desc)

Baltimore Oriole - *Bucks*: 1 on 10/27 at Silver Lake Park (Doug Filler), 2 on 12/3 at Peace Valley Park (August Mirabella); *Delaware*: 1 on 11/3 & 11/18 at Tinicum (Tom Reeves)

Pine Grosbeak - 3 on 12/30 at Mansfield (Ben Israel, var ob)

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PHOTOGRAPHIC HIGHLIGHTS



Rufous Hummingbird, *Northampton*, 11/9/2001.
Photo by Dave DeReamus.



Rufous Hummingbird, *Northampton*, 11/2001.
Photos by Scott Weidensaul.



Great Cormorant, Marsh Creek State Park, *Chester*, 10/4/2001.
Photo by Richard Wolf.



Red Phalarope, Peace Valley Park, *Bucks*, 10/20/2001.
Photo by Devich Farbotnik.



Eurasian Collared-Dove (with Mourning Dove), Fairview, Erie, 11/25/2001.
Photo by Jerry McWilliams.



Snowy Owl, Muncy Township, Lycoming, 11/11/2001.
Photo by Jon Wyant.



Snowy Owl, Allenwood, Union, 12/21/2001.
Photo by Wayne Laubscher

Bohemian Waxwing, Presque Isle State Park, *Erie*, 11/17/2001
Photo by Jerry McWilliams.



Dickcissel, Boalsburg, *Centre*, 12/21/2001
Photo by Thomas G Pluto.

White-winged Crossbill, Berwick, *Luzerne*, 11/12/2001
Photo by Robert C. Houck.



Local Notes

Adams County

Only 95 species were reported during the quarter, including just 11 species of waterfowl. For the 4th quarter of 2000, there were 100 species reported, including 15 species of waterfowl. There were 121 species reported, including 17 species of waterfowl, for the 4th quarter of 1999.

An **American Bittern** visited a restored wetland in Fairfield from 10/21 to 10/30 (R Ryan). **Great Egrets** were found in December, which is quite late - there were 2 on Pumping Station Road on 12/5 (A&N Kennell), and 1 was seen along Rte. 15 just north of the MD border on 12/10 (E Chubb). There was a nice flock of 18 **Long-tailed Duck** at Long Pine Run Reservoir on 12/7 (PJ Robinson). An **American Woodcock** at the Fairfield restored wetland on 11/4 was rather late (RR).

Other species that stayed late in the county were an **Eastern Phoebe** seen 12/15 on Mountain Rd (R&D Siefken), a **Gray Catbird** seen 12/30 at SGL 249 (P Keener), and an **Ovenbird** seen 10/29 on Bull Frog Road (ANK)

A single female **White-winged Crossbill** visited an Abbottstown feeder the afternoon of 11/17 (B Moul). There were several reports of **Pine Siskin**, with a high count of 18 on Mountain Road on 12/7 (RDS). The only **Evening Grosbeaks** reported were the 2 that visited for a few minutes at a feeder on Mountain Road (RDS).

The South Mountain CBC conducted on December 15 tallied 67 species. Highlights included a **Canvasback**, 2 **Northern Harriers**, 5 **Barred Owls**, 43 **Red-headed Woodpeckers**, 4 **Common Ravens**, 1 **Gray Catbird**, and 1 **Eastern Towhee**.

Allegheny County

Locations: Duck Hollow (DH), Harmar Township (HT), Harrison Hills Park (HHP), Homewood Cemetery (HC), Imperial (IMP), Natrona Heights (NH), North Park (NP), Oakland (OAKL), Pine Township (PT), Schenley Park (SHP), Sewickley (SEW), Turtle Creek (TC), Upper St. Clair (USC)

A **Gadwall** at TC 10/30 highlighted the low number of waterfowl this quarter (P Brown). 6 **Green-winged Teal** at NP were a nice find 10/28 (S Lynch, P Lynch). On 11/12, 20 **Tundra Swans** were seen in flight over OAKL (K St. John). **Killdeer** lingered into December with 1 at DH 12/29 (J Solomon, S Solomon), and 2 at NP through the end of the quarter (PL, SL).

Rare in the county, a **Northern Saw-whet Owl** was heard calling on private property at IMP 12/27 (C Tague, KSJ, L Sporrer, D Foyle, B Wassum). Another

rarity, a **Northern Shrike** was found at IMP 12/24 (CT). Both species were last recorded in the county in December, 1995. The **Merlins** returned to SHP for the winter and were first seen 10/22 (JS, SS).

A leucistic **Blue Jay** was visiting a feeder in the Lawrenceville section of Pittsburgh from late December to early January (C&A Borek). A large flock of **Robins** were observed leaving their roost at dawn on Brunot's Island on the Ohio River. At least 1,000 birds were counted (D Wilton). An **Orange-crowned Warbler** was seen at the late date of 10/28 at HHP (P Hess). A report came in of a late **Common Yellowthroat** 12/9 in USC from a beginning birder (J Williams). A **Vesper Sparrow** was a nice find at HC at the rather late date of 10/22 (W&D Shaffer). **Field Sparrows** were found in several locations at the late date of 12/29, and a **Fox Sparrow** lingered at HT until 12/2 (J Valimont).

4 Lincoln's Sparrows were a nice tally at SEW 10/5 (C Knoll). A group of 9 **Red-winged Blackbirds** were at HT on the late date of 12/27 (M Fialkovich, JV).

Along with many counties, we saw a northern finch movement in late October. **Evening Grosbeaks** were first reported 10/31 at Sewickley Heights Park, with a high of 18 on 11/1 (CK). They were also reported at PT on 11/1 (SL, PL). The first **Pine Siskin** was reported 10/16 at a feeder in HT (JV). They continued to visit area feeders regularly through the first week of November, then most moved on. The high count was 28 at a feeder in PT where a group persisted through the end of the quarter (SL, PL).

Armstrong County

Locations: Brady's Bend (BB), Elders Ridge (ER), Keystone Reservoir (KR), Margaret (MG), Rose Valley (RV).

6 **Bald Eagles** were reported during the quarter. The first was southwest of Shelocta 10/4 (M&R Higbee), 4 more were seen at the BB hawk watch between 10/6 and 11/2 (M McConaughy), and another 1 was at KR 10/25 (G Kavish). A **Rough-legged Hawk** 11/17 (MMc) and a **Merlin** 10/6 (MMc) at BB were the lone reports for these species. Low water levels at KR yielded a handful of shorebirds on 10/29 (M&RH) including 11 **Killdeer**, 5 **Greater Yellowlegs**, 1 **Lesser Yellowlegs**, 3 **Pectoral Sandpipers**, and 3 **Dunlin**. A **Common Raven** at RV 10/13 (P&D Hess) was unusual. A **Lincoln's Sparrow**, 2 **White-crowned Sparrows** and 4 **Purple Finches** were noted in a mixed flock near ER 10/12 (M&RH). At MG 10/23 2 **Pine Siskins** were observed (M&RH). More reports are needed for this under-birded county.

Bedford County

Locations: Allegheny Front Hawk Watch(AF), Dunning Creek (DCW),

Warm dry weather influenced the fourth quarter in several ways: waterfowl counts were down due to warm weather dispersal, and there were below normal levels of water in wetlands like Dunning Creek. However the reverse was true at the Allegheny Front Hawk Watch(AF), where very few days were missed due to rain, snow and fog. The balmy weather even extended coverage into mid-December, allowing for a new record for Golden Eagles. Highlights for the period were Greater White-fronted Geese, Saw-whet Owls, a Golden Eagle parade, Snow Buntings, and White-winged Crossbills.

County compilers, if lucky enough to have a hawk watch in their county, can easily add significant contributions to their report of non-raptor species. In this regard over 140 species were side marked by Allegheny Front counters, and this contributes substantially to this report.

40 **Common Loons** on 11/20, 8 on 10/27, and 11 on 12/2 were sighted flying over AF. 30 **Double-crested Cormorants** were seen at AF on 11/18. 1,200 **Tundra Swans** flew over the Front on 11/20 following the first major cold front. 9 **Greater White-fronted Geese** passed the AF on 10/16. Small numbers of **Green-winged Teal**, **American Black Ducks** and **Gadwall** started trickling into DCW on 10/8. 5 **Common Mergansers** flew over the AF on 11/11.

The warm weather extended counting hours at the AF to 882.75, allowing for new records for Bald Eagle, Golden Eagle, Red-tailed Hawk and Red-shouldered Hawk. The monthly count totals are: August 354; September 3,174; October 3,816; November 1,053; and December 52. Don't let that December count of 52 fool you -- 22 were Golden Eagles! The species breakdown was **Black Vulture** 18, **Turkey Vulture** 783, **Osprey** 111, **Bald Eagle** 41, **Northern Harrier** 75, **Sharp-shinned Hawk** 1,363, **Coopers Hawk** 260, **Northern Goshawk** 24, **Red-shouldered Hawk** 129, **Broad-winged Hawk** 2,212, **Red-tailed Hawk** 2,814, **Rough-legged Hawk** 7, **Golden Eagle** 163, **American Kestrel** 87, **Merlin** 50, **Peregrine Falcon** 31, and 281 unidentified raptors, for a total of 8,449. Definitely the highlight of the late season was an east wind day on December 12th when a parade of 17 **Golden Eagles** and 1 **Bald Eagle** passed over the front. On 12/29 a adult **Bald Eagle** was seen at Shawnee State Park on a CBC.

11 **Greater Yellowlegs** and 15 **Pectoral Sandpipers** were counted at DC on 10/8. At the AF Dave Darney banded 49 **Saw-Whet Owls** during 6 nights of banding between 10/19 and 11/04. One Saw-Whet, hatched in 1999, had been banded previously in Kennebunk Beach, Maine 10/12/99.

On October 12, a late **Common Nighthawk** was spotted by Matt Williams crossing the Pennsylvania

Turnpike. Starting on 10/2 and ending 10/20 at least 6 **Red-headed Woodpeckers**, adult and immature, were seen crossing through the AF. Some questions arise as to whether the Red-headed Woodpeckers are migrants from further north or local birds from the many scattered small colonies in Bedford. Individual **Yellow-bellied Sapsuckers** were seen on 10/21 and 12/29 at the AF. A flock of 61 **Horned Larks** was counted on the 12/29 CBC. It appears that this should be an excellent year for **Red-breasted Nuthatches** due to the large number of reports (15) and ease of finding this species in the field. October 27, at Mountain Meadows, was a report of a **Winter Wren** splashing in a birdbath.

October 21, 1 **Yellow-rumped Warbler** at the AF and 2 **Palm Warbler** sightings at DCW turned out to be the only warblers for the period. **Fox Sparrows** were reported 10/27, 10/28 and 11/18. Singleton **Savannah** and **Lincoln's Sparrows**, plus 3 **Swamp Sparrows**, were sighted at DCW on October 8. The following were counted on Bedford CBC : 16 **White-throated Sparrows**, 15 **White-crowned Sparrows**, and 332 **Dark-eyed Juncos**. A lone **Snow Bunting** was observed on 11/7 at AF and 15 **Snow Buntings** were observed at DCW on 11/20.

50 **Rusty Blackbirds** flyovers were counted on 11/4 at the AF. Interesting enough, **Common Grackles** were very entertaining this year. Approximately 1,000 grackles settled on the front October 15, and started eating acorns. On 10/26 another larger flock estimated at 2,600 descended on the hawk watch only to be attacked simultaneously by a Red-Tailed Hawk and a Goshawk. As a finale to the grackle show an albino grackle flew over on 11/2.

Winter finches were fairly common in the early season. The high for **Purple Finches** was 25 at Mountain Meadows on 10/27. **White-winged Crossbills** were reported at Bear Meadows by Mike Jackson on 11/17 and at Shawnee State Park on 11/10 by Ross Galardy. **Pine Siskins** were also reported widely with the largest flock of 50 counted on 10/28 and other reports of lesser numbers on 12/1 and 11/14 at the AF. **Evening Grosbeaks** made their flyover introductions at the AF with 1 on 10/27, 18 on 10/28 and 35 on 10/29. 2 Evening Grosbeaks were reported on the Bedford County CBC on December 29.

This year finishes with 220 species tallied for the 2001 season in Bedford County.

Berks County

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

Predictably, birders on CBC's found higher than normal numbers of birds that linger in warm autumns (vultures, Northern Flicker, American Robin, Eastern Towhee, Fox Sparrow and blackbirds). Carolina

Wrens are approaching the record high counts of the early 1990's, before their most recent decimation in the winter of 1992-93.

Single **Red-throated Loons** were at LO 11/24,25 and 12/16 (M Spence, M Wlasniewski). Rain and snow on 12/8 grounded 233 **Common Loons** on LO and 63 on BML (R Keller). There were 33 **Pied-billed Grebes** on GML, where they nest, 11/24 (K Lebo). A juvenile **Great Cormorant**, the second county record, was at GML 11/10-24 (KL). Another large cormorant with similar markings more briefly seen at BML 10/8 (H&J Silagy) was probably also this species. A flyover **Black-crowned Night-Heron** in Reading 12/1 (D Kendall) was late.

Waterfowl, generally in low numbers and variety, included a **Mallard x American Black Duck** hybrid at LO 12/16 (MS), 5 **Redheads** at LO 12/9 (MS), 12 **White-winged Scoters** at BML (HJS) and 6 **Black Scoters** at LO (MS) 11/11, and 300 **Ruddy Ducks** at GML 11/10 (KL). 2 **Red-breasted Mergansers** at Kaercher Creek Park, Hamburg 12/30 (K Grim) gave the Hamburg CBC a new species.

Eagles, Northern Goshawks, and Merlins gave hawk watchers exciting days at HMS, with Merlins setting a new seasonal record (D Barber). The only **Bald Eagles** reported off the Kittatinny were 2 at LO 10/28 and 11/11 (MS). An adult **Northern Goshawk**, perhaps a returnee from last year, was at BML 11/9 and 12/3, and an immature was there 11/18 (H&JS). An adult **Peregrine Falcon** was at BML 10/8 (HJS).

Two **American Golden-Plovers** flew over HMS 10/11 (GG). The farm pond on Old Route 22 east of Shartlesville attracted 6 shorebird species, including 2 **Dunlin** 10/27 (MW) and a record late **Short-billed Dowitcher** 10/24 (H&JS). An **American Woodcock** at BML 12/23 (K Knight) was new for the Bernville CBC.

An **Iceland Gull** and a **Glaucous Gull** were found at the New Morgan landfill on the Elverson CBC 12/22 (F&B Haas). 1 or 2 **Lesser Black-backed Gulls** were reported in the county on several dates 11/18-12/23 (FBH, KK, MS), and 1-3 **Great Black-backed Gulls** 12/14-31.

Two **Barred Owls** on the Reading CBC 12/16 doubled the previous high count. A total of 119 **Northern Saw-whet Owls** were banded near Eckville this fall, with a high of 31 on 10/22, when 9 were found in one mist net check (T Bauman, E Hynes). The resident **Red-headed Woodpecker** pair near Bowers was storing corn 10/27 (P Saenger) and 9 migrants were seen on the Kittatinny 10/4-11/3 (DB, KG). A **Northern Shrike** was found on the Bernville CBC 12/23 (RC).

A flock of 2,000 **Tree Swallows** at GML 10/8 (H&JS)

was very large so late in the season. A **Barn Swallow** at LO 11/17 (KK) was 17 days later than the previous late date. The widespread incursion of large northern **Black-capped Chickadees** first noted last quarter became especially evident in October and November. Many birds settled in at feeders, where they stood out in side-by-side comparisons with the local hybrid chickadees as being notably larger with bigger, brighter white hockey stick shaped wing markings. The **Red-breasted Nuthatch** flight echoed that of Pine Siskins and Purple Finches (see below). KG probably caught the peak of **Winter Wren** migration when he found 23 on top of the Kittatinny Ridge 10/21. In a census of the Shillington **American Robin** roost 11/12, 5 birders counted 30,548 robins (D Burger). The flock of 104 **American Pipits** in the Oley Valley 12/16 (DK) set a record on the Reading CBC.

Among the dozen warbler species reported in October were an **Orange-crowned Warbler** in Pike Township 10/9 (RK) and 2 **Connecticut Warblers** at HMS 10/5 (EH, S Thorpe). **Fox Sparrows** peaked in November as usual (11 at a feeder in District Township 11/10-RK; 34 at SGL 11/11 (T Clauser)), but this year many stayed through December. An adult **'Gray-headed Junco'**, a race of Dark-eyed Junco native to the southern Rocky Mountains, appeared 11/16 only at the Leesport birdbath of 2 birders well familiar with this form from New Mexico (AK, DK). (See description elsewhere in this issue.) An immature male **Dickcissel** visited a feeder near Bechtelsville 10/31-11/7 (J Kintner). The only **Lapland Longspur** reported was near 2 **Snow Buntings** and 3 **Eastern Meadowlarks** near Lyons 11/4 (MW). A flock of 6 **Eastern Meadowlarks** at BML 11/18 (KK, JS) and 9 on the HCBC 12/30 were considered decent counts for recent years. There were scattered reports of **Rusty Blackbirds** all quarter, with a high of 29 at HMS 10/29 (CRE).

Northern finches caused a stir in early fall, but the flight was moderate at best, and followed a familiar pattern. **Purple Finches** and **Pine Siskins** were widespread, with as many as two dozen **Purple Finches** visiting the feeders of a few lucky birders in October. Lower numbers stayed through December **Red Crossbills** (season total of 8 at HMS-DB), **White-winged Crossbills** (season total of 43 at HMS and 1 at a Hamburg feeder-DB, KG) and **Common Redpolls** (12 for the season at HMS) were not reported south of the Kittatinny. About 25 **Evening Grosbeaks** were reported county-wide 10/23-11/19, mostly in small flyover flocks. **American Goldfinches**, which seldom make birding news, arrived in well documented abundance when flocks of 20-90 swamped feeders in October, prompting many tongue-in-cheek lamentations about the price of Niger seed.

Bradford County

When a CBC has been running for 51 years and 118 species have been recorded, birds new to the count don't come very often, but #119 was found on 12/29 on the Southeast Bradford Count. Two flocks of **Brant** were found totaling 48 birds, flocks of 9 & 39 birds! (A Gregory, D Gross)

On the CBC, 2,123 **Canada Geese** and 125 **Wild Turkeys** were recorded, not unusual until you consider that no geese were found on the count until the 21st year of the count, and no turkeys until year 26. The only **Killdeer** on the CBC was heard at 4:40 a.m. at the first stop for owling! (W. Reed) Of the 20 **Screech Owls**, 15 were found by one party (S Goodwin, B Wasilewski). A **Wood Thrush** seen at New Era on 10/10 was late (T Gerlach). On the CBC, 2 **Northern Shrikes**, one near SGL#172 (AG, DG), and one at Standing Stone (WR), were good finds. The only winter finch report received was of 40 **Pine Siskins** seen New Era on 11/16 (TG).

CORRECTION: 59 species were found on the CBC of December 30, 2000, not 42 species as reported in both PA Birds and American Birds .

Bucks County

Locations: Core Creek Park (CCP), Lake Towhee County Park (LTP), Nockamixon State Park (NSP), Peace Valley Park (PVP), Pine Run (PRN), Rohm & Haas (RHS), Upper Black Eddy (UBE)

This quarter was outstanding for its good number of lingering migrant species and individuals, probably due to the delayed arrival of winter. All months were above normal in temperature, with the first part of December more like early May. Drought conditions continued with below normal rainfall all quarter, resulting in low water levels which attracted shorebirds. Along with the ideal birding weather, an invasion year for several northern species and a good assortment of rare or accidental species occurred. Benefitting from the mild weather, the three CBCs enjoyed record high total species counts. Southern Bucks (S-CBC) had 100 species on 12/15 with eight species having new high individual counts. Upper Bucks (U-CBC) had 104 species (91 in Bucks) on 12/16 and established 20 new high counts. Central Bucks (C-CBC) had 93 species with 18 new high counts. C-CBC also had its highest ever overall individuals count. The total species count for the quarter was 206 , with four new early arrival dates and 14 new late departure dates. For the year, 267 species were reported. Please refer to the Seasonal Occurrence Table for more details.

Very unusual for December, a fallout of 107 **Common Loons** at NSP occurred as a front with heavy rain went through on 12/8 (B Etter, C Rutt, D Farbotnik). A **Red-Necked Grebe**, the only report this year, was at NSP II/20 to 11/27 (BE, E Harding). 13 **Great Cormorants** were counted on 12/15 during the S-CBC on the lower Delaware River, where they were expected, but unusual were 1 at PVP 11/8 to 11/17 (A.

Mirabella), 1 on the Delaware River at UBE on 11/18 (DF), and another at NSP 12/19 to 12/26 (BE, CR). An **American Bittern** 10/24 at Bristol (DF) was the only one reported. 3 **Great Egrets** remained at RHS through the quarter, as did a **Black-crowned Night-Heron** (R. Mercer, DF). A **Greater White-fronted Goose** was at PVP starting 11/26 (AM), 4 were there 12/3 (K Rieker), 3 were at LTP 12/16 to 12/19 (AM, BE), and 1 was at CCP 12/15 on the S-CBC (D Allison, H Rufe). Reports of this species are increasing. Although small numbers of **Snow Goose** are expected in the large goose flocks locally, unusual was a growing flock in the PVP area starting October 18 that peaked at about 525 on 12/19(AM, J Mirabella). An immature **Ross's Goose** was with a small flock of Snow Geese in Blooming Glen on 10/23 (CR, R Rutt). This was only the fifth county record. 1 **Brant** 10/28 at NSP (BE) was the only report. A **Wood Duck** count of 164 at RHS may have been the highest count ever reported from one spot in the county (DF). Scoters made a good showing with 4 **Surf Scoters** at PVP 11/20 (AM, KR), 1 **White-winged Scoter** there 11/20 (AM), 19 **Black Scoters** 10/28 (DF ,BE) and two more 11/9 at NSP (BE), and 4 Blacks at PVP 11/11 (AM, JM, CR).

A migrant **Golden Eagle** passed over LTP on 10/28 (AM, DF) and one was at NSP on 11/8(K. Kitson). The rarely reported **Ruffed Grouse** was found in Tincum Township One was found dead there on 11/12 and one was flushed at the same location 12/16 (KK), where not previously seen in over 15 years of observation. Another was found dead along River Road south of New Hope on 12/10 (J. Majdan). A **Virginia Rail** was along the Delaware Canal at UBE on 10/13 (B. Neitz).

Shorebirds were well represented for so late in the year, with 15 species reported. A **Black-bellied Plover**, whose status is rare here, was at NSP 10/27 (DF). **American Golden Plovers**, also considered rare, was reported much more frequently this year. One was in Plumstead Township 10/15 to 10/18 (AM, KR, N. Mercado), and three reports representing at least two individuals came from PRN 10/15 (DF), 10/19 and 10/22 (AM, JM). The first **Lesser Yellowlegs** ever found on any Bucks CBC was at CCP on the 12/15 S-CBC (DA, HR) and continued through the end of the quarter. Considered accidental, up to 2 **Stilt Sandpipers** were at CCP where one established a new late date of 10/29 (DF). Another rarely reported species, 2 **White-rumped Sandpipers** were at PRN on 10/19 (DF, AM). A **Dunlin** on 12/30 at PVP (AM, KK) was the first of its kind to be counted on the C-CBC. Accidental here was the sixth county report of a first-winter **Red Phalarope** at PVP on 10/20 (AM, RH) that entertained many birders and non-birders alike.

A **Bonaparte's Gull** near New Hope 12/30 was the first of its kind on the C-CBC (DF). The rare gull season began on 11/10 at Tullytown with an excellent report of an adult **California Gull** (M Sharp), which may be the county's first, if accepted by PORC. Also that day, a first winter **Thayer's Gull** was seen (MS).

A first and a second-winter Thayer's Gull, 6-7 **Iceland Gulls**, 1 **Glaucous Gull**, and **Lesser Black-backed Gulls** in the triple digits, were reported on 11/13 at the same location (R. Crossley, E. Obercian). The latter species set new record counts for all three CBCs, with S-CBC having 192, mostly at the Warner Tract (RMn), C-CBC having 42, mostly at PVP (AM) and U-CBC with 5 (HR).

A heavy acorn crop and the mild weather may have contributed to attracting more **Red-headed Woodpeckers** than usual, with one in Nockamixon Township starting 11/6 (S. Farbotnik), 3 in Richland Township starting 12/16 (DF), and another in Bedminster Township 12/16 (BE). An excellently described **Western Kingbird** at NSP on 10/4 (BE) was only the sixth county report, but unfortunately was seen only once. Two to 3 swallows, seen on the 12/30 C-CBC near New Hope on the Delaware R, were conservatively reported as swallow species. They were believed to be Northern Rough-winged by two independent observers (DF, Dave Benner) and would have been our second December report, the first being 12/24/99. A large invasion of **Black-capped Chickadees** moved into our area with the first report at PVP 10/14 (AM). These northern chickadees were bigger and more brightly marked than even those local residents that are being called Black-capped, but may really be intermediate between Carolina and Black-capped. This made for interesting CBCs, with records broken or equaled for **Carolina Chickadees** on all three counts, and large numbers of Black-capped also reported. The ratio of Black-capped to Carolina decreased sharply from north to south, as might be expected. Many chickadees were reported unnamed as to species. Not to be left out, **Red-breasted Nuthatch**, another invasive species, made a good showing this year with numbers comparable to the last two invasions in 1997 and 1999. A **Cedar Waxwing** count of 800 on 11/21 at NSP (BE) was an indication of the good supply of wild grapes, crab apples, and cedar berries this year, which this species and others used to their advantage.

Twenty warbler species carried over into October, which is certainly above average. Four of these set new late dates. Rarely reported, **Orange-crowned Warblers** were at NSP 10/11 (BE), PVP 10/21 (AM, JM, DF) and the Warner Tract 11/22 (P Lehman). The **Connecticut Warbler** capital of the county is most definitely Chalfont, where they were seen up to 10/10, a new late date (R. French). Unusual was a **Yellow-breasted Chat** at PVP on a new late date of 12/4 (AM). A very rare **Lark Bunting** was reported at PVP on 10/21 (C Crunkleton, E Ryan) for only the third county record. The sighting was brief, but the observers' description was convincing. The fifth county **Nelson's Sharp-tailed Sparrow** was at Pine Run 10/21 (DF, KR). An example of one of the more common lingering species was **Fox Sparrow**, which remained in unprecedented numbers throughout the quarter with record counts on the U-CBC and C-CBC, more than double previous highs. The total for all three counts was 88. Another rare find was a female

Brewer's Blackbird on the U-CBC 12/16 (RF, J Yerger). Yet another, a male in Buckingham with a mixed flock of blackbirds, was found on 12/26 (DF). **Baltimore Orioles** took advantage of the mild weather and good food supply resulting in several late reports. One was at Silver Lake 10/27 (D. Filler), and 3 different birds were reported at PVP between 12/1 and 12/19 (CC, RH, AM). One of these remained through the end of the quarter.

The **Purple Finch** invasion exceeded any in recent memory with many remaining in the area feasting on wild grapes and crab apples. Surprisingly, no CBC had a new count high as many had apparently moved on by then. Considered accidental here, 1 **Red Crossbill** was seen and heard flying over at NSP on 11/6 (AM). The species was again noted there 11/14, 11/15, and 12/5 (BE, E. Harding) but again only identified by call notes or short glimpses. **White-winged Crossbills** were more cooperative with the first report being 3 at PVP on 11/3 (CR), at least two there on 11/24 (DF), 1 at NSP 11/10 (DF), and 1 to 8 seen sporadically at NSP from 12/5 (BE) through 12/22 (GG, var ob). Only 1 **Common Redpoll** was reported, 11/8 at PVP (CC, ER). The first **Pine Siskin** reported was from Levittown on 10/19 (G Carmichael), with a moderate to large invasion passing through after that. Very few remained to be counted on the CBCs. Small flocks of **Evening Grosbeaks** were reported on 10/30 at New Hope (F Spitzer) and at Bedminster Township (NMe). Two were at NSP on 11/10 (DF).

Exotics: A pair of escaped **Black Swans** was seen regularly at NSP (BE).

Butler County

Locations: Butler Township (BT), Lake Arthur (LA), Lake Oneida (LO), Moraine State Park (MSP), Slippery Rock (SR)

Red-throated Loon made its annual appearance, 1 at LA 12/16 (D Yovanovich, D Darney). A **Green Heron** at LO 10/20 was late (DY). A **Snow Goose**, color morph not reported, was seen at LA 10/18 (R Stringer), and a blue morph bird highlighted a Three Rivers Birding Club outing 12/2 (J Valimont et al.). The 63 **Gadwalls** at LA 12/24 (G Wilhelm) were the second highest count ever reported at the lake.

Up to 5 **Bald Eagles** were present at LA in December (DY, DD). A **Northern Goshawk** was a good find at MSP 12/15 (R States, J Stanley et al.), as was a dark morph **Rough-legged Hawk** there 11/4 (DY). Up to 7 **Sandhill Cranes** visited the SR area 10/7-13, the local family of 2 adults and 2 young from 2001, plus 3 other adults (GW). A **Killdeer** lingered at least 12/28 at LA (DY), and rather late were 3 **Greater Yellowlegs** 11/3 and a **Solitary Sandpiper** 10/4, all at LO (DY).

Single **Saw-whet Owls** were found at SR Township 12/15 (R Crawford et al.) and MSP 12/21 (DD). Welcome news were 3 **Red-headed Woodpeckers** at SR (C&S Davis) and one elsewhere in the county

(M&S Swansiger), all on the Butler CBC 12/15. An unidentified **Empidonax flycatcher** 10/19 at MSP (DY) was late, but the late-record prize goes to Scott Kinzey for finding a **Cliff Swallow** on 10/27 at MSP and photographing it to prove disappointingly that it was not the state's first well-documented Cave Swallow.

Two **Northern Mockingbirds** each were present all quarter at their northerly outposts near Evans City (C Trauterman) and at MSP (DY). Late finds at MSP were single **Cape May Warblers** (or the same bird?) 11/6 (J Hoffmann, D Wilton) and 11/9 (DY, DD).

A **Snow Bunting** at MSP 11/7 (W Shaffer) was the only report. 2 **Brewer's Blackbirds** were found at SR 11/3 (GW). We believe this species is a regular fall migrant through the county in small numbers and more might be discovered if large blackbird flocks were checked carefully. The very few northern finches included an exciting **White-winged Crossbill** at a feeder in BT 11/14-26 and a second one there on 11/22 (DY); a **Common Redpoll** at SR 11/3 (GW); six reports of **Pine Siskins** 10/28-11/30 with a top count of 15 fly-overs at MSP on the last date; and 2 **Evening Grosbeaks** each at BT 10/21 (DY) and SR 11/3 (GW).

Additional notes:

* The CBC tallied exceptionally good numbers of seven species. 46 **Red-bellied Woodpeckers** and 32 **Carolina Wrens** were record counts indicating these two species' continuing expansion in the county. Totals of **Blue Jay**, **Black-capped Chickadee**, **Tufted Titmouse**, **White-breasted Nuthatch** and **Eastern Bluebirds** were all more than twice the previous 10-year average. But there were two notable lows: not a single **Ruffed Grouse** could be found, and the 75 **American Tree Sparrows** were only half the last 10-years' average.

* Unusually late, an **American Goldfinch** was seen feeding a fledgling 10/7 at MSP (DD, DY). Finches in general are known to feed their young sometimes for extended periods, but this was three weeks later than the last safe date of 9/15 listed in the Breeding Bird Atlas to confirm breeding and the mean fledging date in the Atlas is much earlier, 7/28.

* In the 3rd Quarter chart I omitted two species: **Semipalmated Plover** with a 7/21 first-date, maximum of 8 on 7/29, continuing through the quarter's end, and 1 **American Golden-Plover** 9/14-20, all at Lake Oneida (DY).

Cambria County

Two blue morph **Snow Geese** were found at Prince Gallitzin SP on 11/23 (W Judd), and a **White-winged Scoter** was there 12/5 (D Goberg). A late **Greater Yellowlegs** was found on 11/14 at Wilmore Dam (J Salvetti).

A **Northern Shrike** was seen at Prince Gallitzin SP on 11/23 (WJ). Very little bird activity was observed in

fields, possibly due to the use of an herbicide which completely wipes out the weeds, leaving no seeds for winter feeding. Only two small flocks of **Horned Larks** were found all quarter (DG). At Beaver Run Dam, a single **Snow Bunting** was spotted on 10/28 (J Johns)

Carbon County

Locations: Beltzville Lake (BL)

A **Red-throated Loon** was found 12/1 at the BL boat launch (D Hawk). Over 200 **Common Loons** were there on 12/9. A **Great Cormorant** was seen 11/11 at BL, 11/17 at Wild Creek Reservoir, and was reported later numerous times by different people (no details). A **Snowy Owl**, the first known record for Carbon County, was observed and photographed 11/29 by R Diaz and J Yenser at Sensingers Greenhouse. 3 **Gray Catbirds** on 11/17 were late, probably migrants. (DH, SH). There were 8 **Snow Buntings** at BL on 11/19 – they were also seen 11/22, when the flock had increased to 20 (DH). 5 **Common Redpolls** were found 12/16 at the BL Visitors Center (DH). About 40 **Pine Siskins** were at home feeders on 10/10 (N Selisky), and were observed 11/17 (DH, SH).

Centre County

Locations: Bald Eagle State Park (BESP)

A **Red-throated Loon** was seen at BESP from late November into early December (R Snyder). **Common Loons** arrived in early November and remained throughout the quarter, an unusual occurrence. Individuals were found on both area CBCs. BESP was also host to several blue-morph **Snow Geese** in early November (RS). A **Brant**, described as a "runt" by one observer, was at Centre Furnace Pond in late December (T O'Connell). Migrant ducks started moving through the area in late October, and continued through the quarter. The only notable report was that of 2 **Black Scoters** at Colyer Lake in November (M Heath).

The most interesting raptor reports were **Northern Goshawks** at Bear Meadows (two individuals) in early October (N Bolgiano), at Toftrees in early December (M Rockmore), and **Golden Eagles** over Bald Eagle Ridge in mid-December (D Ombalski). Also notable were over 400 **Red-tailed Hawks** counted at a ridge near Port Matilda (R Flament). Individual **American Woodcocks** were seen in State Game Lands 176 (NB) and Millbrook Marsh (S McConnell) in mid-November, somewhat late for this species. **Northern Saw-whet Owls** were reported sporadically throughout the period, with most records coming from Bear Meadows.

Red-headed Woodpeckers were also reported throughout the quarter, mostly from the Tusseyville and Port Matilda areas. A **Northern Shrike** paid a brief visit in late December to the Fisherman's

Paradise/Spring Creek area (M Lanzone). A **Nashville Warbler**, possibly the western subspecies, in State College in late October was fairly late (S Feldstein), as was a **Common Yellowthroat** at BEBP in mid November (J Curtis).

Individual **Lapland Longspurs** were observed in flocks of **Horned Larks** along Nixon Road in the State College area in November and December (S McC). **Common Redpolls** were found near Bear Meadows in early November (DO) and on the Penn State campus in early December (T O'C). A **Red Crossbill** was seen briefly at a feeder at Toftrees in early December (S Repasky). There were several reports of **White-winged Crossbill**: 2 immature males and a female at a feeder in Aaronsburg from 10/20-23 (M King), one at Millbrook Marsh on November 8, two at Tussey Mountain on November 17, and one at the Shingletown Gap on November 21 (all S McC). A **Dickcissel** visited a feeder near Boalsburg in December (T Pluto). This bird puzzled some observers because of its small size and drab coloration, which made it look like some strange sparrow. The bird's identity became clear when one observer noted that the tail was unusually short (perhaps it was growing back after a close encounter with a cat), which definitely affected the bird's proportions.

The State College CBC was held on December 16. Notable sightings included **Common Loon**, **Pied-billed Grebe**, **Snow Goose**, **Lesser Scaup**, **Common Merganser**, **Bald Eagle**, **Northern Goshawk**, **American Coot**, **Ring-billed Gull**, **Northern Saw-whet Owl**, **Eastern Phoebe**, and **Dickcissel**. The Bald Eagle State Park CBC was held on December 30. Interesting sightings included **Common Loon**, **Tundra Swan**, **Bald Eagle**, **Common Snipe**, **Bonaparte's Gull**, **Ruby-crowned Kinglet**, **American Pipit**, **Snow Bunting**, and **Pine Siskin**.

Chester County

Locations: Chambers Lake (CL), Marsh Creek State Park (MC), Struble Lake (SL)

Great Cormorants finally showed up in Chester County, giving us a new county record. MC had more than three birds at times from 10/3 to 12/1. One bird was first seen on 10/3 (J McNamara). He notified a few people about his find. Some of those checked the lake on 10/4. One adult and one immature bird were seen in the morning by G Saunders, E Wolf, and R Wolf (who photographed them from his kayak). The afternoon of 10/4 3 birds were seen by B Blust. The birds were seen up through 10/6 by many observers. There was then a gap, and no Great Cormorants were seen until 11/2. Up to 3 immature Great Cormorants were then seen between 11/2 and 12/1, when one immature bird was reported by B Cook.

A Bird Club of Delaware County trip on 11/25, led by H Merker, visited four bodies of water in *Chester*: Struble Lake, Marsh Creek, Chambers Lake, and Coatesville Reservoir. Fifty-eight species were seen. The most notable were 10 species of waterfowl, 6 species of raptors, and 6 species of sparrows.

S Hostetter, along with many other birders, has been seeing two adult and sometimes one immature **Bald Eagles** during the latter half of November and all of December at MC. Perhaps we'll have a nesting pair in the area in the new year.

CL was the site of two lingering shorebirds, a **Least Sandpiper** and a **Dunlin**, which were tallied on the new CBC in western *Chester*. The count, originated by Larry Lewis, was held for the first time on 12/16.

R Robinson's highlight of 11/3 was a "single binocular view that had a **Belted Kingfisher**, a pair of **Northern Flickers**, a **Red-bellied Woodpecker**, and an immature **Red-headed Woodpecker** together in one tree." Over the course of two months, the immature Red-headed Woodpecker gradually turned into an adult with a fully red head. The bird, at the back end of CL, was observed by many people because the species is a rarity in the county in recent years.

GS, leader of a West Chester Bird Club (WCBC) trip on 10/6, led his group to three different lakes in *Chester*. Large numbers of migrating **Tree Swallows** were seen at CL and MC. A flock of 200+ American Robins were clustered around the drive into SL. Large, mixed flocks of **Brown-headed Cowbirds**, **Common Grackles** and **European Starlings** flew over SL.

Another WCBC trip led by David Davis on 10/13 to the Laurels Preserve (Brandywine Conservancy) had some lingering summer residents and some winter residents. Summer nesters such as **Chimney Swifts**, **Tree Swallows**, **Ruby-crowned Kinglet**, **Gray Catbirds**, **Yellow-rumped Warblers**, **Palm Warbler**, **Common Yellowthroat**, and **Chipping Sparrows** were seen. Wintering birds seen were **White-throated** and **White-crowned Sparrows**, and **Dark-eyed Juncos**. A **Bald Eagle** flew over after the trip was finished. The conservancy was having a picnic, so they saw the eagle which the birders missed.

A **Common Grackle** flock of 100,000+ was seen in the CL area on 12/4 (T Drozdowski, HM).

Pine Siskins showed up in greater numbers and for a much longer period of time than anyone can remember in recent years. The birds were found at feeders across the county from CL to Willistown Township. From 10/21 through November, HM had Pine Siskins daily, beginning with 1 on 10/21, to 15 on 10/28. She then had from 20 to 60 coming to feeders daily in November. On 12/31 HM had a partially albino bird on her feeder. She wrote: "The head was pure white, eye was black, bill pink, legs and feet pink as well. Aside from the fact that the belly was a bit

whiter than the other Siskins around it, the bird was very similar in plumage, from what I could see, to the birds around it." The bird flew and was not seen again when her son stepped up to a window next to the feeder. RR had 3 Pine Siskins at his yard feeder on 10/28. P&B Hurlock had 5 Siskins from 10/28, to 21 by 11/25. S Gardo and N Pulcinella had 21 Pine Siskins, set up mist nets, and caught 11 which were banded. Since 11/20/01, SG had 20-25 Siskins daily. M Page also had from 1 to 6 Siskins at his feeders from 11/2 to 12/29.

A good influx of northern species was noted throughout the county. **Black-capped Chickadees** were reported by several people. HM had 2 coming to her feeder daily in Downingtown. Several visited SG's yard in West Chester where they were netted and banded by NP. SG had a **White-winged Crossbill** on 11/17 and a **Red Crossbill** on 10/19 which spent very little time and did not return. **Red-breasted Nuthatches** were reported in good numbers. GS had **Evening Grosbeaks** in his yard on 11/3.

Clarion County

The big event of the quarter was the sighting of the **Snowy Owl** at Mount Zion by J Pokrifka on October 9. The bird actually perched on his car while he was in it. The next week a dead Snowy Owl, presumably the same one, was picked up less than a mile away on the other side of the Clarion River by Pennsylvania Game Commission personnel. They said it was obviously emaciated and probably died of starvation, since there were no marks on it. It is destined to be mounted.

Migrating waterfowl and late migrants marked our CBC, probably because of the warm fall weather. Many flocks of geese and swans, and one flock of **Ring-billed Gulls** were seen. Lingered late individuals included: **Snow Goose, Wood Duck, Ruddy Duck, Eastern Towhee, Killdeer, and Field Sparrow.**

Clearfield County

Two shorebird species, **Pectoral Sandpiper** and **Dunlin**, were at the beach at Curwensville Lake in late October (E Zielinski). **Snow Buntings** were reported from the Quehanna Natural Area (S Repasky) and near Clover Run (G Young) in mid-November.

Clinton County

Locations: Swissdale (SW), Woolrich (WR)

During the local CBC on 12/29, a surprising 53 **Great Blue Herons** were found in Mill Hall, with 51 in the same field (C Hazlett, S Bason). A total of 15 **Tundra Swans** were also tallied the same day in Lock Haven (W Laubscher, R Horner, L&G Earon).

A **Bald Eagle** was seen in Lock Haven on 10/22 (B Zbegner). A single **Red-shouldered Hawk** was seen near Lock Haven on 12/29 (LGE). A total of 46 **Northern Saw-whet Owls** were banded this quarter at the banding station in SW (WL).

Red-breasted Nuthatches were seen throughout the quarter. A lone **Hermit Thrush** was observed on 12/9 near McElhatten (BZ). A **Lincoln's Sparrow** came to a feeder in Lock Haven on 10/21 (LGE). A late **Rose-breasted Grosbeak** was observed in SW on 10/21 (B Dunlap).

White-winged Crossbills made tantalizing but brief visits to some local feeders -- one on 10/22 through 10/24 in Mill Hall (SB) and one in Lock Haven on 10/25 (LGE). The last Lock Haven sighting was one on 10/26 at another feeder (JA Bowes). **Pine Siskins** were seen throughout the quarter. **Evening Grosbeaks** were scarce -- 4 were observed in WR on 10/26 (L Frye), one in WR on 10/28 (C&C Hildebrand), and one in Loganton on 12/29 (S Hunter, P Farrell).

Crawford County

This quarter was drier and warmer than usual, with no snow or ice on area lakes until December 27. While nice weather lasted past the CBC period, bird numbers seemed down, and no unusual lingering species were recorded this year or for the quarter.

There was an **Eared Grebe** off the Pymatung causeway on 11/18 (R Leberman), but it could not be called a new record for Crawford County because it was about 400 yards west of the county line in Ohio.

A late **Hooded Warbler** (M Byler) was seen 10/6 at Hartstown Marsh and a **Magnolia Warbler** (MB) was seen there 10/8.

Several small flocks of **Pine Siskins** were seen in the central county area. None were reported on the Linesville CBC. A single White-winged Crossbill was seen at Hartstown Marsh 11/19. (E Byler)

Dauphin County

The quarter began with the reports of a **Lincoln's Sparrow** in East Hanover Township 10/1 (N Cladel), and both **Orange-crowned** and **Connecticut Warblers** in Stony Creek Valley 10/3 (TS). Also, 10/1 marked the beginning of the **Northern Saw-whet Owl** banding program on Berry Mt., which ran through 11/17. This year 187 were banded (S&G Lockerman, S Weidensaul). On one memorable night, along with the owls, a 4-foot Timber Rattlesnake was netted!

Hopes were raised for another winter finch "invasion" year when 22 **Evening Grosbeaks** were sighted in South Hanover Township 11/12 (J Getgood) and 5 **White-winged Crossbills** stopped in Lower Paxton Township 11/30 (T Neumyer). Alas, only **Purple**

Finches and **Pine Siskins** were regular visitors to feeders throughout the county.

The Susquehanna River yielded many of the expected wintering waterfowl including **Bufflehead**, **Common Goldeneye**, **Gadwall**, and **Common Merganser**. A pair of **Mute Swans** spent much of the falloff the West Fairview point. A raft of about 50 **Lesser Scaup** remained near Harrisburg for a couple weeks in December (R Williams), and 9 **Greater Scaup** were found at Millersburg 12/27 for the Curtin CBC (R Koury, et.al.). The more interesting waterfowl discoveries were made on nearby lakes. At Wildwood Lake a **Northern Shoveler** was tallied for the Harrisburg CBC 12/15 (E Chubb, J Church) and the very next day a **Eurasian Wigeon** was found (A&D Trently). On Lisa Lake in Highspire a **Long-tailed Duck**, 2 **American Wigeon**, and nineteen **Ring-necked Ducks** were observed 12/29 (J&P Fox).

The mild weather undoubtedly contributed to the lingering of a number of migrating species. **Eastern Towhee**, **Red-winged Blackbird**, **Common Grackle**, **Field Sparrow**, **Chipping Sparrow**, and **Eastern Phoebe** all remained well into December, with the latter two reported even into January.

On the Harrisburg CBC 26 **Rusty Blackbirds** were found at Wildwood Lake (EC, JC) and a **Barred Owl** was discovered in a woodlot near the Harrisburg Incinerator (S&GL). Although **Wild Turkey** are almost daily occurrences in Carsonville, the 140+ counted on 12/21 (J&J Funck) must have been a sight. A **Merlin** made a brief appearance at the Hershey IBA along Swatara Road 12/28 (JG, SW).

Delaware County

Locations: Rose Tree Park Hawk Watch (RTPHW), John Heinz NWR at Tinicum (TI), Taylor Arboretum (TA), Tyler Arboretum (TY)

The highlights of a quarter of warmer and drier than average weather were the 80th Glenolden CBC on 12/15 (N Pulcinella, compiler), a record fall RTPHW (J Lockyer, D Washabaugh), and a hummingbird at the McWilliam's home in Swarthmore 11/11-12. Several people saw the hummer, but before anyone could ID the bird, a hard freeze wilted Helen's Pineapple Sage and the bird moved on.

Although **Broadwinged Hawks** snubbed *Delaware* on their migration this year, the RTPHW tally falling within this quarter was impressive. 5 **Golden Eagles** passed by from 10/28-11/03. October 28 saw 79 **Turkey Vultures**, 14 **Cooper's Hawks**, 6 **Bald Eagles**, 127 **Red-tailed Hawks**, 29 **Red-shouldered Hawks** (28th & 29th), and 3 of the 30 **Goshawks**. There were nine new high counts: both vultures, Bald Eagle, Northern Harrier, Sharp-shinned, Cooper's, Northern Goshawk, Red-shouldered, and American Kestrel. Details are at www.jl-studio.com/BCDC/.

A pair of **Am Pipits** were at Ridley Creek SP 10/18

(AG). Single **Baltimore Orioles** was found at TI on 11/3 (T Reeves, D Brennan), at Guarente's store 11/8, and at Okehocking Preserve just a few yards outside the county boundary. Winter migrants arrived, but not in the numbers hoped for. Reports of **Black-capped Chickadees**, **Pine Siskins**, and **Purple Finches** were received, but alas no redpolls, crossbills or grosbeaks.

A **Blue-headed Vireo** found in Media was the 183rd species for the CBC (S Sherman, C Walters, BW). A **Blue-gray Gnatcatcher** at TI during count week could not be relocated on the 15th (J Miller). **Eastern Phoebe** (R&M Miller, Ro Miller) and **Pine Warbler** (M Kaczinski) were also found. A **Barn Owl** was the first since 1993 (N Crocetto, T Crocetto) and a **Barred Owl** (A Guarente) was the first since 1985. Record highs were: 4 **Common Loons**, 61 **Double-crested Cormorants**, 506 **Snow Geese**, 13 **Wood Ducks**. Raptor highs were: 45 **Sharp-shinned Hawks**, 117 **Red-tailed Hawks**, and 6 **Bald Eagles**. **Yellow-bellied Sapsuckers** and **Cedar Waxwings** had their 2nd highest counts with 18 and 2,136, respectively. Both these highs were expected from the number of sightings throughout the quarter. Other notables were: **American Woodcock** (S Conant), and **Horned Lark** at the high school field (NP, S Gardo). Gusty north wind kept the sparrow numbers low: 9 **Swamp**, 6 **American Tree**, and 4 **Field**. **Common Merganser** was missed for the first time since 1966. 96 species were seen, five more during count week.

Erie County

Warm temperatures prevailed through the fall encouraging many species to linger well into December. Despite the number of lingering birds, a **Red-throated Loon** managed to arrive here in record early time for *Erie*. Record late *Erie* birds included **Semipalmated Plover**, **Spotted Sandpiper**, **Ruddy Turnstone**, and **Cape May Warbler**. There was a push of northern finches in late October including **White-winged Crossbills**, **Common Redpolls**, **Pine Siskins**, and **Evening Grosbeaks**, but most left during the first week of December. However a flock of 30 or more **Common Redpolls** were content to remain into the new year feeding on evening primrose seeds at Gull Point in Presque Isle State Park. At least 20 **White-winged Crossbills** were still coming to a feeder in Girard Township at the end of the quarter.

Fayette County

A **Common Loon** and 6 **Tundra Swans** were at Jacob's Creek Lake 11/25 (D Meharry).

The last **Turkey Vulture** was seen 10/25. The last **Killdeer** and **Red-eyed Vireo** were seen 10/18. An **Eastern Towhee** and 2 **Field Sparrows** were found 10/18. A **Swamp Sparrow** was a nice find 10/18, along with 4 **White-throated** and 3 **White-crowned Sparrows** (all M McConaughy).

The highlight of the quarter was a **Snow Bunting** at Jacob's Creek Lake 11/11 (D Smeltzer).

Forest County

This quarter was highlighted by the appearance of some irruptive species. Two flocks of **Evening Grosbeaks** appeared. One flock, with a high of 28 birds, came to feeders in Tionesta in late October and stayed throughout the quarter (F&J McGuire). Another flock of 40 birds was reported from Yellowhammer on December 26 (L Imperiale). A single **Common Redpoll** on 10/28, a single **White-winged Crossbill** on 10/29, and a single **Pine Siskin** on 11/12 were also found.

Greene County

The first **Black-Capped Chickadee** of the season was banded on October 8th (R Bell). None were banded in 2000. RB's banding records show they come south in numbers every other year, as do Blue Jays. Also banded this quarter were 4 **Fox Sparrows**, which is more than usual (RB). Another **Fox Sparrow** and an **Evening Grosbeak** were reported (M Howard). Other winter birds such as **Purple Finch**, **Pine Siskin**, **Red-Breasted Nuthatch**, **Golden Crowned Kinglet**, **Yellow-Bellied Sapsucker** and **Brown Creeper**, were all present and accounted for.

Huntingdon County

Unseasonably warm weather predominated for the quarter, no doubt a factor contributing to the many "half-hearted" species recorded on the local CBCs. The Huntingdon CBC on December 16 recorded 63 species, including a **Golden Eagle** for the first time. The Lake Raystown CBC on December 22 netted 69 species, slightly above average. Highlights included 2 immature **Golden Eagles** in Smith Valley, a **shrike** (presumably Northern but the species was not confirmed) along the Raystown branch of the Juniata River, and several species not usually found including **Eastern Phoebe**, **Eastern Towhee**, and **Fox Sparrow**.

The fall waterfowl movement in Huntingdon, never very impressive, was even less so this year. The Stone Mt. Hawkwatch recorded 4,260 raptors, including record numbers of **Bald Eagles**, **Cooper's Hawks**, **Northern Goshawks** and **Peregrine Falcons**, along with 109 **Golden Eagles**. An immature **Swainson's Hawk** was seen at close range by three observers on November 9 (D Bryant, B King, B Dietz).

The second year of **Northern Saw-whet Owl** banding at Shaver's Creek Environmental Center was successful, with 172 birds tagged - about twice the number in 2000. 1 **American Pipit** was at Huntingdon 11/21 (D Kyler). 6 **Yellow-rumped**

Warblers were recorded on the *Huntingdon* portion of the Culp CBC Nov 15 (DK). A female **Dickcissel** visited a feeder near McAlevy's Fort 11/1-4 (G Grove).

There was modest winter finch activity, but most such visitors departed before the end of the quarter. Small numbers of **White-winged Crossbills** were recorded several times during November, including multiple fly-bys at Stone Mtn. (S McConnell), a flock of 11 near Lake Raystown 11/22 (DK), and one at the Grove's feeder 11/22. The most numerous winter finches were **Pine Siskins**, the first noted 10/24. As many as 75 were at the Grove's feeder in December. There were few **Evening Grosbeak** reports. The first was 10/28 at Huntingdon, with a maximum of 9 there 11/4 (DK). CBC winter finches included **Purple Finches** and **Pine Siskins**, on both the Huntingdon and Raystown CBCs, and 2 **Evening Grosbeaks** at Mapleton for the Raystown count.

Indiana County

Locations: Blue Spruce County Park (BSCP), Brush Valley (BV), Homer City (HC), Pine Ridge County Park (PRCP), Shelocta (SH), Yellow Creek State Park (YCSP).

The quarter's highlights were primarily found at feeders. On 11/16 the appearance of 2 **White-winged Crossbills** at the Higbee feeder near SH (M&R Higbee) sparked the arrival of many local birders. While three of us were still standing on the front porch watching the Crossbills, an immature male **Dickcissel** landed about 30 feet from us (L Hess, MH, D Laufer). Both species were photographed (RH, LH). The **Dickcissel** was observed 11/16-17 and 11/29 through 12/1 by many birders, but the crossbills did not return after 11/16. 2 **Pine Grosbeaks** briefly visited a BV feeder 12/30 (A Jennings).

A major movement of **Common Loons**, **Tundra Swans**, and **Ring-billed Gulls** was noted over YCSP 11/20 (MH, D Jacobs) with counts of 279, 797, and 127, respectively. A lone **Red-throated Loon** was observed flying among its relatives. Many birds that were flying higher than the clouds remained uncounted however, because of the overcast conditions. An **American Bittern** was sighted at YCSP on two dates, 10/13 (L Carnahan, MH, RH, DJ, G Lamer) and again 10/20 (B Jackman, C Jackman). 3 **Bald Eagles**, including one adult were noted at YCSP 10/2 (MH, MJ Seipler, L Wagner), and an adult frequented YCSP between 12/1 (A Ramley) and 12/26 (GL, G Syster). **Merlins** exhibited a strong presence during the quarter with the first report in IN 10/2 (P Johner). YCSP yielded 4 on 10/30 (LC, MH, DJ). Another Merlin frequented hilltop feeders near Indiana from 12/? through 12/26 (S Graff, var ob), taking a **House Finch** a day, while the IN CBC yielded yet another 12/26 (MH, RH).

Low water levels at YCSP continued to provide habitat for migrant shorebirds including 1 **Baird's Sandpiper** 10/9 (MH, DJ, LW), 18 **Pectoral**

Sandpipers 10/30 (LC, MH, DJ), one of our higher counts, and 10 probable **Long-billed Dowitchers** 10/26 (LC).

A **Yellow-bellied Flycatcher** 10/6 (LC, SG, Sh Graff, MH, RH) was found in a brush pile at PRCP. A **Northern Shrike** observed 12/26 (B Marshall, K Marshall) near RC was voted the best bird of the Indiana CBC. BSCP yielded a pair of calling **Connecticut Warblers** 10/3 (MH), but only one could be relocated the following day (E Fowles, MH, DL). BSCP also produced the county's only reported **Lincoln's Sparrow** this season on 10/6 (EF, DL). 8 **Snow Buntings** at YCSP 10/30 (LC, MH) were being pursued by one of the Merlins. Up to 9 **Pine Siskins** were noted on 12 dates at 5 locations. The first **Evening Grosbeak** appeared 10/14 (M Peterson) in Indiana, the first of 6 sightings. The last noted were 2 at Nolo 11/21 (A Beatty).

Juniata County

One of 5 **Hooded Mergansers** seen on the Juniata River from the Muskrat Boat Ramp on 11/22 was a partial albino female (H Petersheim).

There was only one report of a **Short-eared Owl** this quarter, which is rather unusual, but luckily it was seen on our CBC day (M Knepp).

On 12/8 a **Clay-colored Sparrow** made its appearance at a feeder near Oakland Mills. It was seen feeding among other birds—**Dark-eyed Juncos**, **White throated** and **Song Sparrows** (A Troyer). The following day it was seen at a feeding station next door (D Troyer).

Lackawanna County

Locations: Ford's Pond (FP), Gravel Pond (GrP)

There was a **Pied-billed Grebe** at GrP on 10/18 (B Reid). A **Great Blue Heron** lingered at FP until 12/9 (BR). **Ring-necked Ducks** visited FP, the first seen there were 33 on 10/18, and the last seen were 3 on 12/2. Other waterfowl noted were: a **Lesser Scaup** at GrP 11/23, 2 **Hooded Merganser** at GrP on 11/18, **Ruddy Duck** at GrP from 10/18 (9) to 11/23, and 12 **American Coots** at GrP on 11/14 (BR).

The first **American Tree Sparrow** was seen at FP on 11/21, with the first **Fox Sparrow** showing up there on 12/2 (BR).

Lancaster County

The last quarter of 2001 brought one of the warmest fall seasons ever. Most of the CBCs recorded hundreds of **American Robins** as well as **Gray Catbirds** and **Brown Thrashers**.

The most unusual bird of the season was a **Pacific-slope Flycatcher** (no details) found on the Solanco count on 12/16 at the mouth of Fishing Creek, along

the Susquehanna River (B Blust, B Schutsky, et al). Amazingly, this was the third time this species has been recorded on this count. The Solanco count also recorded a **Yellow-throated Warbler** at Muddy Run Fisherman's Park, and this was the county's first winter record of this species.

In October, **Great Cormorants** (no details) were found at the Susquehanna River Conejohela Flats on 10/6 and 10/14 (BS). **Nelson's Sharp-tailed Sparrows** (no details) were found at their regular haunts on the Susquehanna River at Bainbridge, with 3 on 10/7 (D Hoffman, A McGann, P Robinson, T Garner, E Witmer) and 4 on 10/14 (B Carl, TG, EW).

Finally, both **Yellow-headed** (no details) and **Brewer's Blackbirds** (2) (no details) were found on the Solanco count near Octoraro Lake on 12/16 (DH).

Lebanon County

Locations: Memorial Lake State Park (ML), Middlecreek WMA (MC),

Double-crested Cormorants set a new county high when 140 flew past Second Mountain Hawk Watch on 11/5 (R Miller, et al). **Snow Geese** numbers reached 20,000 at MC on 12/30. 2 **Ross's Geese** were found on 12/30 on the *Lancaster-Lebanon* line, including a blue morph (RM). 21 **Wood Ducks** were found at ML on 11/5. A **Canvasback** was found at ML on 12/9 (RM, B Weaver). 4 **Lesser Scaup** were found at ML on 12/31 for a new late date (RM).

12 **American Golden-Plovers** were found on 10/2 north of Annville for a new late date (M Dale). A **Greater Yellowlegs** was found at MC on 10/21 (RM). 1,106 **Herring Gulls** were found on 12/15 during the Christmas Bird Count. No white-winged gulls were found this quarter. 46 **Great Black-backed Gulls** were found on 12/9 at ML for a new county high (BW).

A **Black-billed Cuckoo** was seen on 10/7 at Second Mountain. for a new late date (RM, M Cox). An **Eastern Wood-Pewee** was seen and heard calling on 10/14 near Mt. Gretna for another late date (RM, K Miller).

Three vireo species made new late dates: **Blue-headed Vireo** on 11/5 at ML (RM), **Philadelphia Vireo** on 10/14 at SGL 145 (RM), and **Red-eyed Vireo** on 10/14 at SGL 145 (RM). At ML on 10/7, along with about 1,000 **Tree Swallows**, a juv. **Purple Martin** was found. The former late date was 1 September 1951. Also in the flock was a **Barn Swallow**, for another late date (RM, D Rota).

A **Swainson's Thrush** was found on 10/27 near Annville for a new late date (MD). A male **Varied Thrush** (no details) was found on 11/9 with a large flock of **American Robins** at Gretna Springs, but it was seen only for a short time. 2 **Nashville Warblers** were seen at the YMCA on 10/21 (S Wheeler). A **Northern Parula** on 10/21 at the Second Mountain

Hawk Watch set a new late date (RM). A **Black-throated Blue Warbler** on 11/2 at Second Mountain set another late date (MC). 100+ sparrows were heard before dawn on 10/16 at Mt. Wilson. In the daylight, only **Chipping Sparrows** were seen (RM). **Lincoln's Sparrows** were found up to 10/20 at ML (R Spreha). A flock of 5 **White-winged Crossbills** and 30 **Evening Grosbeaks** were found on SGL 156 on 12/1.

Lycoming County

Again a pair of **Peregrine Falcons** spent the fourth quarter in Williamsport. These birds were observed almost daily by several observers. They were most often seen on or near the Genetti Hotel. Leg bands were not detected, so it is not known if one or both of these falcons were hacked out of Williamsport. On 11/11, a **Snowy Owl** was discovered caught in a fence near the Lycoming Mall in Muncy Township. It was retrieved, checked, and released apparently unharmed by Pennsylvania Game Commission WCO Jon Wyant. He did photograph the owl prior to release. Very few winter finches were reported for the quarter. Small numbers of **Pine Siskins** were reported from only a few locations. The only report of **Evening Grosbeak** was early in the quarter (10/24) in Gamble Township (J Zeidler).

Mercer County

Locations: Nicklin Lane (NL), Williamson Road (WR)

Probably due to the warm fall weather, the waterfowl migration was poor and very few ducks were noted. The tagged, tame female **Trumpeter Swan** continues at Seguallas Ponds (H Bauer). She hangs out with a few **Mute Swans**, and can be hand fed.

A **Peregrine Falcon** 11/8 at NL was indeed a great find, as were the **Sandhill Cranes** that were present all quarter, with a flock of 20 on 12/30 at WR (both Troyer family).

An **Eastern Phoebe** was seen on the late date of 11/2 at WR (TF). **Dark-eyed Juncos** arrived late, with the first one seen 10/11 at Grove City (HB). **Northern Mockingbird** was present all quarter at NL. A pre-dawn flight of 50+ **Rose-breasted Grosbeak** over WR was noted 10/1 (TF). A **Red-breasted Nuthatch** was seen 10/9 at NL (TF). The following winter finches put in brief appearances: 1 **White-winged Crossbill** 12/1 at WR (TF), 5 **Common Redpolls** on 11/14 on Zahnizer Road (TF), 3 **Pine Siskins** 10/28 at WR (TF), and 2 **Evening Grosbeaks** 10/28 at Shenango Reservoir (M McKay).

Mifflin County

The Juniata River was exceptionally low all season, however the **Great Blue Herons**, **Belted Kingfishers**, and sandpipers could be seen by scanning the river.

A **Northern Goshawk** was observed on 11/11 in Belleville. On 11/19 a **Rough-legged Hawk** was noted over the Belleville area (J Swarey). The first **Rough-legged Hawk** flew over Jack's Mountain on 11/26.

It is so interesting how events sometimes unfold. On a mild December 18th afternoon, our neighbor asked to borrow some cinnamon for an apple crisp. My granddaughter, Becca, and I took the spice to our little stream bank to toss the container across to the young farm boy on his bike. Just then an adult **Golden Eagle** came gliding low across the field just near the road. It was a picture perfect for Becca, who needed a life bird. We watched as the eagle disappeared at the tree line by the river, all because of the cinnamon (M Kenepf).

Large flocks of **Robins**, **Cedar Waxwings**, and the migrating warblers filled the treetops along the riverbank into early fall. **Pine Siskins** arrived at the porch and windows from 11/3 on (MK).

Monroe County

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

The quarter was marked by dry conditions, and unseasonably warm temperatures into December.

A flock of about 200 **Snow Geese** passed over the DWGNRA headquarters near Bushkill 12/10 (R Wiltraut). The Pocono Mountain CBC 12/16 reported a single **Northern Pintail** on the 5th Street pond in Stroudsburg, as well as a single **Red-breasted Merganser** and a flock of **Ruddy Ducks** on Trout Lake in Reeders. Near Smithfield Beach in DWGNRA, 6 **American Woodcock** were flushed at the late date of 12/22 (C Todd).

The 2nd season of banding **Northern Saw-whet Owls** at Skytop was completed, as part of the continent-wide Project OwlNet. Thirty-seven nights of trapping between 10/1 and 11/16 resulted in 112 Saw-whets banded. The age breakdown of these 112 birds was: 48 hatch year, 61 after hatch year, 2 after second year, and 1 unknown. The 22 Saw-whets captured on 10/22 was a season high (D&J Speicher).

Red-headed Woodpeckers continued in the swamp at DWGNRA headquarters near Bushkill, with at least 4 adults seen there 12/15 (B&T Hardiman). 2 **Red-breasted Nuthatches** continued at MCEEC feeders through the entire quarter (BH). MCEEC feeders also had 1 **White-crowned Sparrow** for only one day 10/11 (BH).

A leucistic **Dark-eyed Junco** was found among a flock of typical juncos 12/28 at Smithfield Beach in DWGNRA (DS). This is likely the same leucistic individual reported a week earlier directly across the Delaware River from Smithfield Beach in New Jersey's Worthington State Forest.

A single **Eastern Meadowlark** was a surprise 12/15 at Smithfield Beach (B&TH). **Purple Finches** were sporadic at the MCEEC feeders in October, and absent thereafter. Late October also brought numbers of **Pine Siskins** to the MCEEC feeders where they continued through the entire quarter, totaling at least 30 birds (BH). Visiting birders from Connecticut reported a flock of **Evening Grosbeaks** 10/28 near Tannersville, and November sightings included 3 at a Buck Hill Falls feeder (D Stillinger) and several more in Canadensis (N Rituper).

Montgomery County

Locations: Fort Washington State Park (FWP), Green Lane Reservoir (GLR), Upper Perkiomen Valley Park (UPVP), Unami Creek Valley (UCV)

The final quarter of 2001 brought unseasonably dry, warm weather into the region. This may have contributed in part to several record late departure dates for fall migrants.

Common Loons were late in arriving at GLR, and low in number overall (var ob). An immature **Double-crested Cormorant** was at the GLR dam until the record late date of 12/16 (GL Freed). Walt Road at GLR hosted an immature **Great Cormorant** from 11/4 through the end of the period, marking only the 3rd county record (GA Franchois, K Crilley et al). (Details submitted to PORC.) An **American Bittern** and an observer surprised one another when the former flushed from the bank of Perkiomen Creek above GLR on 10/16 (KC). A **Little Blue Heron** remained at UPVP until the record late date of 10/28 (P&A Guris).

Waterfowl variety was good, with 25 species reported for the quarter. Highlights included 2 **Greater White-fronted Geese** at UPVP 11/23+ (B Belli, var ob), and a **Brant** at Church Road, GLR, 10/27 (GAF, P&AG). **Snow Goose** remains a difficult bird to find at GLR, so a group of 542 at Church Road 10/27 was a surprise (GAF). **Wood Duck** at UPVP peaked at 76 birds 10/13 (GAF), and were seen in smaller numbers through the end of the period -- very unusual in western Montgomery. Some other lingering waterfowl included a **Blue-winged Teal** at UPVP 12/1 (KC, var ob). Both **Northern Shoveler** and **Green-winged Teal** remained throughout the period (var obs). Diving ducks of note (all at Walt Road, GLR) included 3 **Canvasback** 11/30 (BB), a **Redhead** 12/30 (KC, J Greco), and 40 **Black Scoter** 10/28 (K Reiker, GAF). 16 **Ruddy Ducks** were at Walt Road, GLR, on the record late date of 12/16 (R Grubb, L Rhoads).

Raptors included at least 5 different **Bald Eagles** at GLR, which has become almost expected. In mid-December, 2 adult birds began constructing a nest and copulating (GAF, var ob). This behavior was previously noted in December of 1998, but the pair abandoned the site and did not return in the spring. Hopefully this attempt will yield better results. Reports of **Red-shouldered Hawks** came from

Evansburg State Park 12/29 (A&C Gehret), and Gwynedd Preserve 10/16 (A&J Mirabella). A **Merlin** was at Walt Road, GLR, through most of the period (A&JM, var ob) and another was at UPVP 12/22 (KC, JG). An immature **Peregrine Falcon** at Church Road, GLR, posed atop a utility pole for photos after chasing Ring-billed Gulls and Green-winged Teal, and diving at an adult Bald Eagle (KC, photo, var ob)

A **Sora** at the Norristown Farm Park pond 10/7 was a very nice find (J McBrearty). In spite of low water levels and extremely high hopes, no rare shorebirds were found at Church Road, GLR. A record late **Stilt Sandpiper** 11/2 was our only consolation (A&JM). Other shorebirds seen there included **Pectoral Sandpiper**, both **Greater** and **Leser Yellowlegs**, and **Dunlin** (var ob).

A **Common Nighthawk** in Eagleville 10/31 was unusually late (P&AG).

An adult **Red-headed Woodpecker** at UPVP 10/7 could not be relocated after that date (GAF). Another (?) adult appeared at the GLR Nature Center 10/20, and was joined by an immature 10/22 (KC, var ob). An immature was located at the UPVP tennis courts 10/27 (S Grunwald). These 3 birds remained through the end of the quarter, to the delight of many observers. Other individuals were seen briefly in Upper Hanover Township, near Perkiomenville, and at Walt Road, GLR (S Rothenberger, P&AG, LR, RG). Although we can only guess at the total, there were at least 5 (and possibly up to 7 birds) seen in western Montgomery -- and this is after a 7 year absence!

In a county where Carolina Chickadee predominates, **Black-capped Chickadees** were more widely reported than in recent memory. **Winter Wren** were observed at Haverford College and the UCV (S Johnson, A&JM). **Hermit Thrush** reports were also received from scattered locations. 2 late **Gray-cheeked Thrushes** were at FWP, 10/3, along with a lingering **Gray Catbird** 11/8 (B&NM). Eight warbler species were reported, including an **Orange-crowned Warbler** at GLR 10/28 (KR), and a **Yellow-breasted Chat** at FWP 12/15 (B&NM)!

Sparrow numbers were about average, with a few exceptions. 2 **Eastern Towhees** in the UCV 12/16 were a complete surprise (KC, SR). A **Vesper Sparrow** at Church Road, GLR 10/16 was our first in several years (KC). **Fox Sparrows** were scarce in November, with only scattered reports of single birds. Surprising were 3 birds at Walt Road, GLR on 12/30, and another that same day at a Perkiomenville feeder (KC, JG, RG)! **Rusty Blackbirds** were scarce again this quarter, with reports of 1-2 birds each at GLR, UPV, and FWP (KC, A&JM, B&NM). **Purple Finches** continued throughout the quarter with a high of 30+ near UPV on 12/15 (P&AG). **Pine Siskins** arrived in mid-October, with smaller numbers lingering through the end of the period (KC, var ob.). Noteworthy was a count of 75 at the Guris feeders on 12/12 (P&AG)!

Montour County

Locations: Montour Preserve (MP)

Highlights for the quarter included the unusually late **American Bittern** on 11/17 at MP (J Beam), the return of **Long-eared Owls** to a winter roost at MP, and the observation of a **Snowy Owl** 12/12 in Anthony Township (R Bleiler). The large mixed flock of blackbirds observed on 12/16 that included **Red-winged Blackbirds**, **Common Grackles**, and **Brown-headed Cowbirds**, was an unusually large number for so late in the season. This was probably promoted by the unusually mild weather later than usual.

Philadelphia County

Locations: John Heinz NWR at Tinicum (TI),

Center City is home to some odd characters, but none so odd as the **American Bittern** that landed in a shrub in front of Belynda Stewart at 20th and James (10/29). A few days later, an injured **American Woodcock** (taken to rehab), accompanied by 5 **Hermit Thrushes** started her on 20th St. Another woodcock set down at 6th and Race on 10/31 while Denis Brennan was on a work break. A more typical **American Bittern** was seen frequently at TI throughout the quarter (DB).

A **Great Egret** and 82 **Gadwall** were found on 12/15 at the ponds near Ft. Mifflin on the Glenolden CBC (J Miller). The best report of **Canvasback** came during December from at the Baxter Water Treatment pond, where 150 gathered (C Lyman). The usual Redheads, scaup, Ring-necked Ducks, and goldeneyes often near Baxter were never seen.

In the Baxter area at a Linden Street. parking lot, a **Lesser Black-backed Gull** was found on 12/25 (K Somerville).

The last **Yellow-billed Cuckoo** of the season was found on 10/20 (S Conant). A new **Chimney Swift** roost with 2,200 birds was discovered in mid-October at the Dobson School, on Umbria Avenue in Manyunk (J Stepanaskie). The old roost in Roxborough is no longer used. No single report of **Yellow-bellied Sapsucker** was received, but observers indicated that this was an exceptional year for sapsuckers. In the TI area on the Glenolden CBC on 12/15, the Miller team located an **Eastern Phoebe**. On 10/22, TI was jumping with 50 **Palm Warblers**, hundreds of **Yellow-rumped Warblers**, a thousand **Tree Swallows**, 4 **Eastern Phoebes**, hundreds of **Northern Pintails** and **Green-wing Teal**, and some **Ospreys** (R Zumeta).

Early sightings of winter migrants inflated birders' expectations for the 4th quarter. 2 **Red Crossbills** with 4 **Pine Siskins** were found along Cresheim Creek on 11/17 (M Sharp), but other than a flock of siskins in Mt. Airy near the Lawrence home on 11/27

(S Lawrence), and a few **Purple Finches**, there were no other reports.

Philadelphians learned of the death of beloved birder, teacher and naturalist, Charlie Wonderly. He will be sorely missed for his contributions to this report, and by the hundreds of people he introduced to birding at the Schuylkill Center for Environmental Education and during his winters at Flamingo, Florida.

Potter County

A total of 111 **Northern Saw-Whet Owls** were banded 9/29-11/22 at Hebron (D Hauber). A **Bohemian Waxwing** was sighted in a flock of **Cedar Waxwings** on 11/11 (J Mitterer). There was a limited invasion of northern finches.

Schuylkill County

Locations: Hawk Mountain Sanctuary (HMS), Owl Creek (OC), Schwartz Valley Road (SVR), Sweet Arrow Lake (SAL)

There were extremely few records of waterbirds on our lakes and reservoirs during the quarter. No **Common Loons** were sighted on the water. However, good counts of them in flight came from HMS, including 186 on 11/11 (R Keller). The same held true for **Double-crested Cormorants**, with a high count of 150 at HMS on 11/18 (D Barber). Only 1 **Buffiehead** was recorded, 11/17 at Still Creek Reservoir (D Krue). At Owl Creek, 2 **Common Goldeneye** were found on 12/11 (DK).

The more numerous of the migrant raptors at HMS - **Redtailed**, **Sharp-shinned**, and **Broadwinged Hawks**, had below average totals in 2001. A few species, including **Cooper's Hawk**, **Northern Goshawk**, and **Merlin**, had above average counts, with the latter setting a new fall season record.

A pair of **American Golden Plovers** was seen in flight at HMS 11/11 (G George). **Greater Yellowlegs** remained at SAL until 10/6 (D Donmoyer, B Stauffer). 5 **Dunlins** stopped over at the mudflats of SAL on 10/30 (T Clauser). A **Barred Owl** was seen at OC on 11/24 (C MacDonald, D Rieger). **Blue-headed Vireo** was seen into the second week of November HMS 11/10(DB). A nice record for the quarter was a **Philadelphia Vireo** at HMS 11/3 (E Hynes). **Red-eyed Vireo** remained until 10/11 SGL 286 (B Jucker). A rather late **Barn Swallow** was at HMS on 10/23 (EH). A terrific count of 9 **Winter Wrens** came from SGL 110 on the Blue Mountain 10/21 (K Grim), with another 14 nearby along the same ridge, just into *Berks*.

SGL 106, near Dreherstown, had an **Orange-crowned Warbler** on 10/20 (DK). A **Connecticut Warbler** was at the north lookout of HMS 10/5 (EH). A very nice find was a **Clay-colored Sparrow** at SVR 10/25 (S Weidensaul). **Lincoln's Sparrow** was

last seen at SVR on 10/4 (SW). Our last **Eastern Meadowlarks** recorded in the quarter were at Browns Mill Road on 10/23 (SW).

Some of the rarer northern finches gave an early hint of a bigger push, but never were seen in large numbers in our area. Between the last week in October and the first week of November, a few **Evening Grosbeaks** were seen at a number of locations, including: West West Terrace (B Malarkey), Deer Lake (E Kope), and Hidden Valley (AM Liebner). 4 **White-winged Crossbills** were visiting a feeding station at McAdoo (J DeBalko) in the beginning of November. A **Common Redpoll** was seen at a feeder at SVR 12/14-15 (SW). The above finches, along with **Red Crossbill**, made minor showings at HMS. **Purple Finches** and **Pine Siskins** were seen throughout most of the quarter.

Somerset County

Above average temperatures and below average rainfall (or bad weather) resulted in a disappointing waterfowl migration, with most waterfowl overflying the area. **Wood Ducks** were reported to be plentiful at the beginning of the season due to a large acorn crop (T Marich). A **Northern Shrike** found on the CBC (T&S Dick) was still present at the end of the quarter. **Short-eared Owls** were found wintering at the flight 93 crash site (J&L Payne). This site is an important local grassland, with almost all of Pennsylvania's nesting grassland birds. Hopefully this will be taken into account during planning for a memorial.

Large flocks of **Pine Siskins** passed through the area, and some of them stayed (J&LP). There were good flights of **Evening Grosbeaks** on Allegheny Mountain in November (J&LP) as they passed through the area.

Sullivan County

The pair of **Sandhill Cranes** from the previous two quarters remained through early November, being last observed on 11/8 .

Susquehanna County

Locations: Springville Township (ST)

The quarter had temperatures that were warmer than usual. November's average daily temperature was 5.9 degrees above normal. The daily highs for December 1-6 were 60, 50, 56, 61, 67, and 62. By the 8th, the high was only 40 degrees.

On 12/5, 1 **Gadwall** and 1 **American Black Duck** were seen at Montrose, then 37 **Ring-necked Ducks** were seen at Lake Walter (WR). On 11/23 a **Northern Harrier** was seen in ST (B Reid, S Goodwin).

A dead **Snowy Owl** was found in Auburn Township about 11/28(A Zygmunt). The bird was to be mounted, and will be housed at the Wyoming County conservation office near Tunkhannock.

On the amazing date of 12/5 a **Tree Swallow** was seen at Lake Walter in ST! This is by far the latest record for Tree Swallow anywhere in northeastern Pennsylvania (B Reid). The bird was swooping, and apparently catching a few insects in the air on the 5th, when the temperature set a new record high for the date of 67 degrees. Hopefully it was able to find enough insects at the lake to go south.

An **American Tree Sparrow** was seen 11/23 in ST (BR, SG). On 10/23 a **Savannah Sparrow** was still present in ST (BR, SG).

Tioga County

Three **Pine Grosbeaks** were found 12/30 near Mansfield (B Israel) and were observed by many other experienced birders from across the state (see photographs at www.geocities.com/birdingteen/pgr).

A rarely seen **Golden Eagle** was found and identified (BI, J Holbrook, S Barnes) on the Mansfield-Wellsboro CBC 12/15 near Arnot.

Union County

From 12/8 through the rest of the quarter, and into the next, a **Snowy Owl** was observed daily at the south complex of the Allenwood Federal Correctional Institution (KM, WL, WE, DF, TS).

Venango County

Locations: Buttermilk Hill Nature Sanctuary (BHNS)

Overall, the quarter was slow. The fall waterfowl migration normally barely rates as such, and this year was below normal.

Great Blue Herons seemed scarce, even though there was open water until the end of the quarter. A **Spotted Sandpiper** on 10/13 was a new late date, and was only our second October record. A very late movement of **Ring-billed Gulls** passed over *Venango*. On 12/28, 700 were observed from BHNS (J Stanley), and the Pleasantville CBC on 12/30 had them moving down the Allegheny River and Oil Creek.

Northern Saw-whet Owls were found in Oil Creek State Park on several occasions, with 4 responding to a tape on 12/11 (G Edwards, R States). A **Long-eared Owl** was noteworthy for its long stay near Clintonville, from 11/18 through the end of the quarter. A **Red-headed Woodpecker** on 11/11 near BHNS was a nice find. A **Tree Swallow** provided the 3rd October record, and a new late date by 9 days (10/19). Both **Red-breasted Nuthatches** and

Carolina Wrens seemed to be found in good numbers all quarter. A **Black-throated Green Warbler** was discovered on 11/3 near President (JS, RS), 17 days later than the previous late date.

Two **White-winged Crossbills** at a feeder (10/31-11/5) gave us our only visit of the northern finches, other than a few **Pine Siskin** flyovers.

Warren County

A **Snowy Owl** was seen at Irvine 11/29 and was reported to J Fedak.

A **Yellow-bellied Sapsucker** used feeders at Saybrook from 12/21 to 12/31 (C&M Neel). Some 20-30 **American Robins** were on the east edge of Warren 10/24. A few were feeding on White Baneberry fruit (T. Grisez).

A **Yellow Warbler** was seen at feeders in Warren on several days between 11/18 and 12/26. It was photographed and was kind enough to show up on the CBC 12/15 (D Watts, M Toole).

A **Fox Sparrow** was at Saybrook 12/1-2. **3 Brewer's Blackbirds** (no details) were there 10/29, and a **White-winged Crossbill** was there 11/30 (C&MN). 1-4 **Evening Grosbeaks** were at three locations in late October. Evening Grosbeaks were also at Saybrook 12/26-31, with a maximum of 41 (C&MN).

Westmoreland County

Locations: Derry Lake (DEL), Powdermill Nature Reserve (PNR)

A **Red-throated Loon** at DEL was a rare and unexpected find for the county 12/18-21 (D Lauffer), as was a **Red-necked Grebe** on the Bushy Run Battlefield CBC 12/23 (D Byers). The high count for **Double-crested Cormorants** was 250 at DEL 10/27 (DL).

A **Black Vulture** seen feeding on carrion on a road just south of Rector 10/24 was a first for that area (R Leberman). Ducks, generally, were seen in low numbers in late fall, but 100-125 **Bufflehead** at Jacobs Creek Reservoir 12/20 was a good count for that area (D Meharry).

A **Northern Saw-whet Owl** was banded at PNR 10/7, and 2 were netted there 11/17 (B Jones, A Lindsay, A Lippold, D Maderish). Singles were on Laurel Mt. 11/8 (K Byerly) and near Stahlstown 12/16 (DB). Considering that the **Red-bellied Woodpecker** was virtually unknown in the Ligonier Valley 30 years ago, a total of 87 on the Rector CBC 12/16 was impressive. The 822 **Black-capped Chickadee** listed on the same count was also very high, undoubtedly reflecting the heavy migratory flight in the Pennsylvania mountains earlier this quarter. A **Gray-cheeked Thrush** banded at PNR 11/3 was a bit on the late side (RCL, R Mulvihill), but

even more exciting was the sighting of a probable **Bicknell's Thrush** (no details) at Bushy Run 10/23 (M McConaughy). A **Gray Catbird**, always a winter rarity in the county, was a good find at Crabtree 12/23 (MM). **Northern Mockingbird** numbers continue to increase in *Westmoreland*, with a record 25 listed on the Bushy Run CBC 12/23 (DB).

At PNR, 8 **Orange-crowned Warblers** were banded 10/2-20, including 3 on the 19th (RCL, RSM). Late wood warblers there included a **Nashville Warbler** 11/3 (RSM, RCL), an **American Redstart** 10/31 (RCL) and an **Ovenbird** 10/20 (BJ). The passerine of the season at PNR was an immature **Gambel's White-crowned Sparrow** banded 10/20 (RSM, RCL, DM, m.obs.). The earliest report of **Evening Grosbeaks** was of 3 flying over PNR 10/22 (RSM).

Wyoming County

Locations: Lake Carey (LC), South Eaton (SE)

Two new species for the county were found during the 4th quarter, both of them gulls, both of them seen at SE along the Susquehanna River. The first was an adult **Glaucous Gull** seen on 11/16 (W Reid). The bird was seen from both above and below as it circled around, near and above river level, about 50 feet away. There were 3 Herring Gulls in flight near the Glaucous Gull, and the Herrings were definitely smaller. The other new species was **Iceland Gull**, with two second-year birds seen flying up the river together on 11/19 (WR). They were so white that they looked almost like a couple of egrets. The birds flew right up the river, about 75 feet away at the closest point. Their bills were noticeably smaller than the Glaucous, their wings seemed longer and narrower, and their size was smaller. Their mantles and their primaries were all white. There were no other gulls around the Icelands.

A **Brant** seen at SE on 11/9 was unusual (WR). A **Broad-winged Hawk** seen at SE on 10/23 was very, very late. The bird, an immature, was being chased by blue jays. It landed in a large tree nearby. The jays moved on, and the hawk stayed for a few minutes until about 50 crows came along and chased it. The hawk was in the center of the flock of crows, and suddenly it made a 180 degree turn and flew back. Most of the crows kept on going, but a few turned and chased the hawk through the trees and out of sight. A **Golden Eagle** seen by R Koval, J Hoyson, and S Galanty, on the Dallas CBC on 12/15 at Lake Catalpa was seen flying into *Wyoming*.

An amazing total of 431 **Wild Turkeys** were counted on the Tunkhannock CBC on 12/14. Two late shorebirds were found at SE. A **Greater Yellowlegs** seen 10/31 was very late, and a **Least Sandpiper** seen 11/2 was extremely late (WR). In November and early December, **Herring Gulls** were far more common than **Ringed-bill Gulls**. Up to 13 Herring Gulls were seen in one day at SE (WR).

Perhaps the most unusual record for the season was a **hummingbird** seen outside the Reid home along the Susquehanna River on 12/24 (WR)! The bird was in a hemlock tree outside a bedroom window, and was seen from about 20 feet away as it sat on a snag of the tree. About six times it flew from the snag, apparently chasing and catching insects (there were several insects flying in the area), then returned to the snag. The small hummingbird size and shape, the long bill, and the flight were observed, but the area was too shaded to see any colors, and the species could not be determined. A hummingbird feeder was filled and put out, but the bird had apparently already left, and was not seen at the feeder. December was much warmer than usual (6.9 degrees above average) and was in the 40's on the 23rd and 24th. A previous very late record occurred on 12/16/99 when an unidentified hummingbird flew by -- also near the river, about 2 miles up the river from the 12/24 bird.

A **Black-and-White Warbler** was seen at close range on 11/26 at Noxen (KG). **Common Yellow-throats** seen at LC on 11/5 and on the 12/14 CBC were very late. Also late was a **Lincoln's Sparrow** at LC on 11/20 (WR). A few winter finches turned up in late October and November, but hopes for a full-blown invasion quickly ended.

York County

Locations: Brunners Island (BI), Codorus State Park (CSP), Gifford Pinchot State Park (GPSP), Pinetown Road (PRD), Rock Ridge County Park (RRCP), Wrightsville (WR)

A **Great Egret** that was found at BI on the late date of 12/9 is the only county record after October. Waterfowl sightings were well below normal, but a **Greater White-fronted Goose** at Long Arm Reservoir the morning of 11/23 (B Moul) was a nice find. It was seen by a few other birders before it was chased away by children throwing stones.

The season's totals at the RRCP hawk watch included: 30 **Bald Eagles**, 2 **Goshawks**, only 566 **Broad-winged Hawks**, 1 **Golden Eagle** and 2 **Peregrine Falcons** (R Phillips).

A total of 153 **American Coot** were found on the York CBC. A **Semipalmated Plover** and a **White-rumped Sandpiper** were at the Black Rock Flats, CSP, on 10/2 (P Robinson). An **American Avocet** was found 10/5 at GPSP (L Hassel). On 11/8 there were 4 **Pectoral Sandpipers** and 2 **Dunlin** at the Black Rock Flats, CSP (PR).

2 **Snowy Owls** visited the county during the quarter. One was seen on the road bank just west of the I-83 Glen Rock exit, early in the morning on 11/15 (J Howell, J Sulpizio). A few hours later, a York newspaper photographer found the owl a short distance away on Yellow Church Road, and the photograph was in the newspaper. Several other birders looked diligently, but could not find the owl. A

second **Snowy Owl** was seen 12/19 in Fairview Township, along the Pennsylvania Turnpike, across from the Government Distribution Center (R Bubb). It was seen again on 12/28 and 12/29 at same location. On 11/26 a hunter saw a pile of feathers floating on the water at Lake Marburg, CSP. The hunter called the Pennsylvania Game Commission, and Karen Lippy was called to identify the bird. It was a **Long-eared Owl**, and was emaciated, so it probably died of natural causes. A **Northern Saw-whet Owl** banding operation on Sheffer Church Road netted a total of 32 adults (RP).

At RRCP there was a **Least Flycatcher** on 10/2, and a late **Great Crested Flycatcher** on 10/20 (J&J Prescott). A **Blue-headed Vireo** was at WR on 10/22 (J&L Downs). A total of 5 **Common Ravens** were reported on the 12/15 York CBC, although the same pair may have been counted by different groups. There were 5 very late **Tree Swallows** at BI on 12/9 (J&JP). A **Wood Thrush** at PRD on 10/15 was a bit late (J Pheasant). At Glen Rock there were 12 **American Pipits** on 11/15 (A Spiese). A **Black-throated Blue Warbler** discovered 10/16 at WR was a little late (J&LD). Also a little late was a **Black-throated Green Warbler** that was at Gut Road 10/20 (J&JP). A large group of 21 **Chipping Sparrows** was found along Gravel Hill Road on 10/11 (AS). Another somewhat late migrant, an **Indigo Bunting** 10/25 (JP), and an early **Pine Siskin** 10/8 (JP), were both at PRD.

Seasonal Occurrence Tables - October through December 2001

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 or Low. An L after a date indicates an unusually late date. An L after a number indicates an unusually low number.

H = High. An H after a number indicates an unusually high number.

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.

() = Numbers in parentheses indicate high counts for the season. No number means only 1-3 individuals or no number was reported.

***** = 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(24)-3/30 means the species was first reported on 2/27 with a high of 24 on 3/6 and last reported on 3/30.

1/6-3/22(250)- means the species was first reported on 1/6 with a high of 250 on 3/22 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.

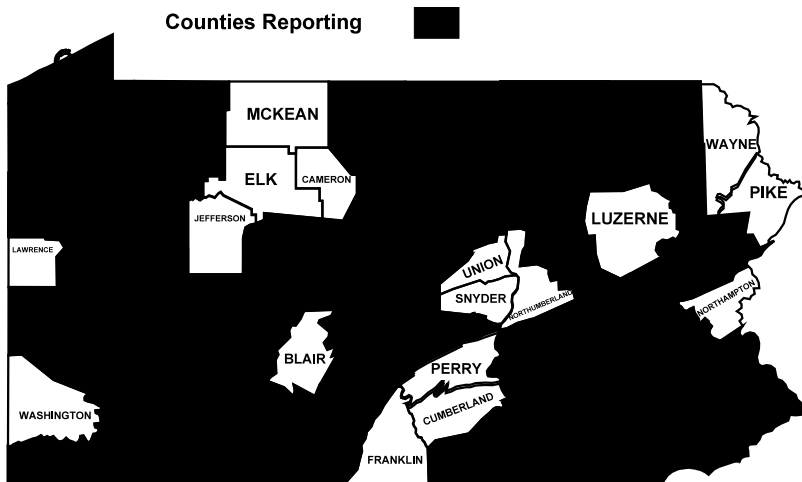
5/6- means the species was first seen on 5/6 and remained the rest of the quarter.

A-5/6(25) means the species was present all quarter with a high of 25 on 5/6.

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

1/15-2/26(300H)- means the species was first reported on 1/15, with a high count of 300 on 2/26, which was unusually high for this county.
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COUNTIES REPORTING - OCTOBER THROUGH DECEMBER 2001



SEASONAL OCCURRENCE TABLES - OCTOBER THROUGH DECEMBER 2001

	ADAMS	ALLEGHENY	ARMSTRONG	BEAVER	BERKS	BRADFORD	BUCKS	BUTLER	CAMBRIA
LOON, RED-THROATED COMMON	-	-	-	-	11/24-25-12/16	-	11/17-12/17	12/16	-
GREBE, PIED-BILLED	-	10/28→	→10/29-12/9	-	→12/8(444)-9	-	10/14-12/8(107H)-29	10/15-27(27)-12/15(4)	→11/24(5)-12/13
HORNED CORMORANT, DOUBLE-CRESTED	-	12/9(2)	10/29(3)	12/31	A-11/24(33)	-	A-10/20(11)	→10/21(45)-12/28(17)	→12/21
BITTERN, AMERICAN	-	10/5-12/15	10/27(46)-28	10/22-11/5	11/18-12/9	-	10/18-11/3(9)→	11/6-12/24	12/9(3)
HERON, GREAT BLUE	10/21-30	-	-	-	→10/18(150)-11/9	10/19	A	→10/27-12/24(10)	P
EGRET, GREAT	R	12/27(12)	A-12/24	-	R	A	R	A-10/21(13)	→10/1(9)→
HERON, GREEN	10/6-12/5(2)-10	-	-	-	10/4-11/10	-	A-10/24(14)	-	→10/9
NIGHT-HERON, BLACK-CROWNED	-	-	-	-	→10/21	-	→10/14	→10/20L	-
VULTURE, BLACK	R	-	-	-	12/1L	-	A	-	-
TURKEY	R	→10/18(5)-11/19	10/20(25)-11/2	11/5(10)	R	→10/7(16)-27	R	→10/21(58)-11/2(2)	→11/20
GOOSE, SNOW CANADA	R	-	R-10/25(160)	-	A-12/19(8100)	-	10/9-12/19(525)→	10/18-12/2	11/18(2)
BRANT	-	-	-	-	R	12/29(48)	10/28	R	A-12/3(385)
SWAN, MUTE	-	-	-	-	R	-	-	-	11/19
TUNDRA DUCK, WOOD	12/2(40)	11/12-12/29	-	A	11/10-12/6(60)	→10/7	11/10-12/27	10/27(46)-12/15(77)-27(40)	11/10-25(22)-12/16
GADWALL	-	10/30	10/29(4)	-	→12/16	-	R-11/4(164H)	→10/7(30)-11/11	→11/19
AMERICAN DUCK, AMERICAN BLACK	12/15(11)	-	-	-	A-12/30(60)	12/29	10/3E-12/15(104)→	10/27(13)-12/24(63H)	12/10(6)
MALLARD	R	10/24(9)→	-	A	11/8-10(20)→	12/29(85)	R-12/26(140)	10/7(2)-27(26)-12/15(3)	12/21(10)
TEAL, BLUE-WINGED	-	-	A-10/29(30)	-	R	R-12/29(214)	R-12/19(400)	→12/24(18)	11/10-12/11
SHOVELER, NORTHERN	-	-	-	-	-	-	→10/14	R	A
PINTAIL, NORTHERN	-	10/26(6)	-	-	10/29-11/24(4)-12/8	-	A-10/26(13)	→10/11(6)-20(5)	→10/5
TEAL, GREEN-WINGED	12/15	-	10/25-29(8)	-	10/27-28(30)→	12/29(2)	A-10/28(9)	→12/15(6)	12/13(6)
CANVASBACK	12/15	-	-	-	A-11/10(30)	12/28(3)-29(2)	A-12/15(25)	10/27(4)	10/3-6
REDHEAD	-	-	-	-	11/15-12/22	-	11/18-12/15(6)	11/6(5)-12/23(2)	11/18(4)
DUCK, RING-NECKED	12/15(10)	12/27	10/29(9)	-	12/9(5)	-	-	12/23	-
SCAUP, GREATER	-	12/20	-	-	10/28-12/22(97)→	-	10/18-12/15(343)→	10/27(169)-12/23(200)	10/18-12/21(26)
LESSER SCOTER	-	12/24	-	-	10/28-12/16	-	10/10-11/20(3)	-	12/9(5)
DUCK, LONG-TAILED	12/7(18)	-	-	-	11/1(12)	-	10/27-11/20(18)→	12/2(11)-15(15)	12/5
BUFFLEHEAD	12/7(6)	10/27-12/9(9)	-	-	10/28→	-	11/20-12/19	-	-
GOLDENEYE, COMMON	12/7-15	11/29-12/23(19)→	10/29(2)	-	10/28→	-	10/27-11/20(106)→	10/27-12/2(180)-24(19)	10/28-12/9(25)-26
MERGANSER, HOODED	12/2-15	-	-	-	10/28→	12/26-29(4)	10/27-12/15(180)→	11/11-12/20(5)	12/5-21
COMMON RED-BREASTED DUCK, RUDDY	10/25-12/15	-	-	-	11/18→	R-12/29(23)	R-12/30(326)	→11/9(11)-12/7(30)	11/10-12/21(65)
OSPREY	-	-	-	-	→11/0(300)-15	-	10/30-12/2	12/15(16)	12/9(8)
EAGLE, BALD	-	-	→10/4-11/2	-	→10/27	-	A-10/29(35)	→11/6(537)-12/24(29)	10/17-11/10(22)-12/5
HARRIER, NORTHERN	A	11/18-12/25	10/28	-	A-12/15(11)	-	A-11/14	→10/5	→10/5
HAWK, SHARP-SHINNED	A	-	10/28	-	A-10/27(18)	A-12/29(2)	A	R-12/1(5)	11/17-12/10
COOPER'S	A	-	A-10/7(3)	-	R-10/7(623)	R-12/29(3)	R	R	A
GOSHAWK, NORTHERN	A	-	A-10/7(2)	-	R-10/7(104)	R-12/29(6)	R	R	A
HAWK, RED-SHOULDERED	A	-	10/20	-	10/15-28(13)→	-	10/14-12/22	12/15	-
RED-TAILED	A	-	A-11/2(5)	-	A-10/28(49)	-	R	R	-
ROUGH-LEGGED	-	-	11/17	-	R	R-12/29(60)	R	R	→10/5(2)
EAGLE, GOLDEN	-	-	10/28	-	11/6-19-12/9	10/22→	12/15	11/4	A
KESTREL, AMERICAN	A	-	A-10/1(2)	-	A-10/28(8)	R-12/29(13)	10/26-11/8	R	-
MERLIN	-	10/22→	→10/6	-	R	-	R	R	A
FALCON, PEREGRINE	10/25-12/15	10/4-28(2)→	10/9→	-	→10/15(17)-12/9	-	A-11/10(2)	10/20	-
COOT, AMERICAN	-	-	-	-	A	-	10/2-12/15(175)→	A-12/1(2100)	11/13(125)-12/21
PLOVER, AMERICAN GOLDEN	-	-	-	-	10/11(2)	-	10/15-22L	-	-
SEMPALMATED KILLDEER	A	A-10/25(13)	→10/29(11)	-	-	→12/29	R-10/24(120)	→10/4	→11/23(9)
YELLOWLEGS, GREATER	10/2	-	10/29(5)	-	R	-	→10/16(5)-11/18L	→10/27(4)-11/3(3)	11/14L
LESSER	-	-	10/29	-	10/13(2)	-	A-11/25(6)	-	-

SEASONAL OCCURRENCE TABLES - OCTOBER THROUGH DECEMBER 2001

	ADAMS	ALLEGHENY	ARMSTRONG	BEAVER	BERKS	BRADFORD	BUCKS	BUTLER	CAMBRIA
SANDPIPER, SOLITARY	-	-	-	-	-	-	→10/16	→10/4	-
SPOTTED LEAST	-	-	-	-	10/3	-	→10/12	-	10/4
PECTORAL	10/2-15	-	10/29(3)	-	11/18	-	→10/18(8)-29	→10/1(21)-20(3)	-
DUNLIN	-	-	10/29(3)	-	10/27(2)	-	10/20-26(3)→	-	-
SNIFE, COMMON	A	-	-	-	A-11/14(18)	-	A-11/24(6)	10/7(3)-11/4(8)-25	10/9
WOODCOCK, AMERICAN	→11/4	10/21-12/3	-	-	10/28-12/23	→10/26(3)-11/18	→12/9	-	→10/25
GULL, BONAPARTES	A	10/19	-	10/9→	10/21→	-	10/20-12/11(3)-30	10/27(6)-12/24(30)-29(20)	12/5
RING-BILLED	A	10/18-12/30(1000)→	-	10/22→	10/4→	-	A-12/15(4000)	→12/15(58)-24(33)	A-12/9(190)
HERRING	-	-	-	-	11/18→	12/29(2)	A-12/15(60000)	10/11-12/23(3)	-
LESSER BLACK-BACKED	-	-	-	-	12/14-16(3)→	-	A-12/15(192)	-	-
GREAT BLACK-BACKED	-	-	-	-	R	-	A-12/15(5000)	-	-
OWL, BARN	R	12/18-29(2)	-	-	R	R	R-12/30	-	-
BARRED LONG-EARED	-	-	-	-	R	R	11/1→	R	A
SHORT-EARED	-	-	-	-	-	-	12/31→	-	-
NORTHERN SAW-WHET	-	12/27	-	-	→10/22(31)-12/2	-	R-11/26(2)	12/15-21	-
SWIFT, CHIMNEY	-	→10/6(50)-17	-	-	→10/16	-	→10/19	→10/11(212)-12(100)	-
HUMMINGBIRD, RUBY-THROATED	10/11-19	-	-	→10/6	-	-	-	-	-
WOODPECKER, RED-HEADED	R	-	-	-	R	-	R-12/16(3)	12/15(3)	-
SAPSUCKER, YELLOW-BELLIED	A	10/3-21(3)→	-	12/22	-	→12/29	A-11/18(4)	A	-
FLICKER, NORTHERN	R	A-12/22(7)	A-10/12	-	R	A-12/29(22)	R	A	A
WOOD-PEWEE, EASTERN	-	→10/3	-	-	10/1-5	-	→10/5	→10/5	-
PHOEBE, EASTERN	→10/14(2)-12/15	→10/17(2)-11/1	→10/4	-	A	→10/26	A-10/4(5)	→10/11(7)-21	→10/28
FLYCATCHER, GREAT CRESTED	-	-	-	-	10/14	-	-	-	-
SHRIKE, NORTHERN	-	12/24	-	-	12/23	12/29(2)	-	-	11/23
VIREO, WHITE-EYED	-	-	-	-	→10/17	-	→10/21	→10/18(2)	→10/10
BLUE-HEADED RED-EYED	-	10/3-28	-	-	→10/22	-	→10/7	-	-
CROW, FISH	R	-	-	-	R	-	R-12/15(2300)	-	-
RAVEN, COMMON	R	-	10/13	-	R	R-12/29(7)	-	-	A-11/26(6)
LARK, HORNED	A	-	10/25	-	A-12/23(426)	12/29(21)	10/30E-11/24(40)→	A-12/15(55)	A-12/21(60)
SWALLOW, TREE	-	-	-	-	→10/6(2000)-22	R-12/29(7)	→10/28	→10/18(75)-20(10)	-
BARN CHICKADEE, CAROLINA	R	-	-	-	10/21-11/17L	-	→10/22	→10/11(3)	-
BLACK-CAPPED	A	-	A-12/5(7)	-	R	-	R	R	A
NUTHATCH, RED-BREASTED	A	10/5-11/7(3)→	-	11/4→	R	R-12/29(373)	-	R	A
CREEPER, BROWN	A	10/12-12/29(5)→	-	12/22	A	12/29(21)	A	R-12/15(29)	A
WREN, HOUSE	-	→10/4	-	-	-	R-12/29(7)	→12/12(2)	R	A
WINTER MARSH	A	→10/2(4)-12/29	10/29	-	A-10/21(14)	12/29(2)	A-10/2(3)	→12/15	12/4
KINGLET, GOLDEN-CROWNED	A	10/6-17(9)-12/29	10/25(5)	12/22(3)	R	12/29(40)	→10/21	-	-
RUBY-CROWNED	→12/15(3)	→10/5(20)-11/1	10/4(2)	-	A	10/2-12/29	A-10/10(50)	A-10/21(9)	11/11→
THRUSH, GRAY-CHEEKED	-	-	-	-	-	-	-	→12/15	10/13-11/4
SWAINSONS	10/14	→10/4(3)	-	-	→10/8(3)-21	-	→10/11	P	-
HERMIT	A	10/4-24-12/29	-	-	A	-	A	10/21-12/15	→10/18
WOOD ROBIN, AMERICAN	A	→10/5	-	-	10/7-15	→10/6	-	P	-
CATBIRD, GRAY	→12/80	→10/12(2)-13	-	-	R-11/12(30548)	A-12/29(215)	R	A	A
THRASHER, BROWN	-	→10/5	-	-	→12/16	-	A	→10/11(2)	→11/3
PIBIT, AMERICAN	-	-	-	-	10/1	-	A	P	-
WARBLER, TENNESSEE	-	10/3(2)	-	-	10/22-12/16(104)→	-	A-10/27(116)	→10/11(30)-11/30(2)	10/5(35)
ORANGE-CROWNED	-	10/28→	-	-	10/9	-	→10/1	-	10/10(2)
NASHVILLE	-	→10/3-7	-	-	→10/21	-	10/11-11/22	-	10/10(2)
MAGNOLIA	-	→10/3	-	-	→10/17	-	→10/11	-	-
BLACK-THROATED BLUE	-	10/2-4(3)-5	-	-	→10/24	-	→10/11	→10/11	-
YELLOW-RUMPED	A	→10/19(45)-12/29	10/1	-	A-10/21(53)	→10/12	A-10/18(100)	A-10/11(60)	→10/1(16)-25
BLACK-THROATED GREEN	-	→10/15	-	-	→10/15(2)	-	→10/2(5)-11	→10/11	→10/2
PINE	-	-	-	-	-	-	→10/11	-	-

SEASONAL OCCURRENCE TABLES - OCTOBER THROUGH DECEMBER 2001

	ADAMS	ALLEGHENY	ARMSTRONG	BEAVER	BERKS	BRADFORD	BUCKS	BUTLER	CAMBRIA
PALM	10/2-14(5)-21	10/5-18	-	-	A	-	→10/25	→10/11(2)	10/1-9
BLACKPOLL	→10/11(2)	→10/3	-	-	→10/8(5)-13	-	→10/11	-	-
BLACK-AND-WHITE	-	10/19	-	-	-	-	10/31L	→10/6	-
OVENBIRD	→10/29	-	-	-	-	-	→10/11	-	-
WARBLER, CONNECTICUT	-	-	-	-	10/5(2)	-	→10/10L	-	-
YELLOWTHROAT, COMMON	→10/14	→10/28	→10/1(2)	-	→10/21	-	→10/24	→10/11	→10/13
TANAGER, SCARLET	-	→10/5	-	-	→10/4	-	→10/4	-	-
TOWHEE, EASTERN	→12/15	→12/29	→10/12(4)	12/22	A	→10/29	R	→10/27(2)	→11/23(9)
SPARROW, AMERICAN TREE	-	11/16-12/29(9)→	12/5(3)→	12/22(9)	11/18→	12/29(233)	11/11-12/16(85)→	11/7-12/16(20)→	10/15-11/13(21)→
CHIPPING	→10/21	→10/27(15)-11/5	→10/29(3)	-	A	-	→10/6(75)-12/30	→11/2	→11/6
FIELD	→12/15	→12/29	→10/12(2)	12/22	A	→10/11	R	→11/2	P
VESPER	P	10/22	-	-	A	-	10/18-11/6	→10/28	→10/28(5)
SAVANNAH	→10/14	-	-	-	-	-	R-10/9(12)	-	-
FOX	11/10-28(2)-12/15	10/23(2)-24(3)-12/2	-	-	10/18-11/11(34)→	-	10/2→	11/11	10/28-11/9(7)-22
LINCOLN'S	10/2-14	10/4-5(4)-19(2)	10/12	-	10/8-10/15(2)	-	→10/20	10/6-7	-
SWAMP	A	10/27-11/21(5)	→12/14	-	R	R-10/2(8)	P	P	→12/13(2)
WHITE-THROATED	10/2(2)→	10/2-30(25)→	10/12(3)→	12/22(17)	A	A-12/29(69)	A-10/18(50)	→10/11(38)	A
WHITE-CROWNED	10/14→	10/3-27-12/25	10/12(2)	-	A	12/29(5)	10/3(2)→	→10/8(6)-12/15	10/28(3)
JUNCO, DARK-EYED	10/11→	10/2-11/1(36)→	10/29(20)→	10/22→	A	R-12/29(150)	10/5→	→10/13	→11/19(39)→
LONGSPUR, LAPLAND	-	-	-	-	11/4	-	-	-	-
BUNTING, SNOW	-	11/18(18)	-	-	10/28-12/10	-	10/29-12/30(20)→	11/7	10/28
GROSBEEK, ROSE-BREADED	→10/27	→10/3	-	-	10/1	-	10/23L	-	-
BUNTING, INDIGO	A	10/20-12/27	→10/12(21)-25	-	10/4	→10/9(100)-25(50)	R	→10/12	→10/1
BLACKBIRD, RED-WINGED	A	-	-	-	A	-	-	→11/20	A
MEADOWLARK, EASTERN	A	-	-	-	A-12/30(9)	-	R	→10/27	P-10/6(5)
BLACKBIRD, RUSTY	A	-	-	-	A-10/29(29)	-	10/7-29(3)→	→10/20(40)-11/3	→10/9(125)
GRACKLE, COMMON	A	→10/18(1000)-11/18	-	→10/27	A	→12/29	R	→11/3(1500)	P
COWBIRD, BROWN-HEADED	A	11/18-12/29	-	-	R	-	R	→12/15	P
FINCH, PURPLE	A	10/3-31(4)→	A-10/12(4)	11/17	A-12/16(130)	A-12/29(5)	A-12/30(37)	R	A
CROSSBILL, RED	-	-	-	-	10/28-11/3(3)-27	-	11/16-12/5	-	-
WHITE-WINGED	11/17	-	-	12/1	10/28-11/16(10)-12/10	-	11/3-12/7(8)-22	11/14-22(2)-26	-
REDPOLL, COMMON	-	-	-	-	10/31-11/6(5)-17	-	11/8	11/3	-
SISKIN, PINE	10/21-12/7(18)	10/16-12/9(28)→	10/23(2)	11/3(5)	10/3-12/16(66)→	11/16(40)	10/19-12/16(24)→	10/28-11/30(15)	10/27
GROSBEEK, EVENING	10/29(2)	10/31-11/1(18)-28	-	-	10/23-11/2(12)-19	-	10/30(15)-11/10	10/21-11/3(2)	-

	CARBON	CENTRE	CHESTER	CLARION	CLEARFIELD	CLINTON	CRAWFORD	DAUPHIN	DELAWARE
LOON, RED-THROATED	12/1→	11/25-12/9	-	-	-	-	11/14	-	11/1
COMMON	12/9(200)→	11/4→	11/15	10/26(2)-28	P	-	→10/28(80)-12/16	-	11/2-12/15(4)→
GREBE, PIED-BILLED	-	A	A-10/4(10)	10/12(6)-20	P	-	10/2-28(29)-12/26	P	P
HORNED	-	11/4	11/15	-	-	-	10/28(9)-12/22	-	-
CORMORANT, DOUBLE-CRESTED	12/8	A	→10/4(3)-11/5	10/27(92)-28	-	-	→10/28(275)-12/16	→11/10(2)	P
HERON, GREAT BLUE	P	A	A-10/4(6)	A	P	R	10/2-12(48)-12/22	-	A
EGRET, GREAT	-	-	10/6-7	-	-	-	-	→10/15	P
HERON, GREEN	-	-	10/4(3)	-	-	-	-	-	-
NIGHT-HERON, BLACK-CROWNED	-	-	-	-	-	-	-	-	P
VULTURE, BLACK	-	-	-	-	-	-	-	-	-
TURKEY	P	-	R-11/25(9)	-	-	-	-	P	P-12/15(23)→
CANADA	11/3-4	A	R-11/6(6)	→10/21(44)-12/8	P	P-10/2(6)	-	A	A
BRANT	11/3	A	11/25-12/16(3500+)22	R-10/13(90)	A	R-12/29(435)	12/2-3(5)-11	P	10/1-12/15(500)→
SWAN, MUTE	-	12/30→	R-12/28(5000+)	10/5-12/26	-	-	→10/22(10254)→	R	R
TUNDRA	-	12/2→	-	-	-	-	12/15-16	→12/15(2)	P
DUCK, WOOD	-	A	→10/6(11)-10/13	-	P	12/29(15)	10/28-12/20(250)-11	P	P-12/15(7)
GADWALL	-	-	12/4-12(2)-24	→12/29	-	→12/29(4)	→10/22(31)-12/16	→12/1	A
AMERICAN	10/27(2)	-	10/4-15(4)-21	-	-	-	→11/24(105)-12/26	10/25(912)→	P
DUCK, AMERICAN BLACK	12/1→	11/4→	10/13-12/22(10)→	11/4	P	A	→10/12(160)-12/21	A	P
							11/7-12/16(631)-22	R	R

SEASONAL OCCURRENCE TABLES - OCTOBER THROUGH DECEMBER 2001

	CARBON	CENTRE	CHESTER	CLARION	CLEARFIELD	CLINTON	CRAWFORD	DAUPHIN	DELAWARE
MALLARD	R	A	R-12/24(110)	R-10/8(106)	A	R-12/29(334)	→12/16(2222)→	R	R
TEAL, BLUE-WINGED	-	A	10/4(3)	-	-	-	10/2(25)-21	-	-
SHOVELER, NORTHERN	-	-	10/15(5)-12/12	-	-	-	→12/26(30)→	12/22	A
PINTAIL, NORTHERN	-	-	10/6-11/25(15)→	-	-	-	10/2-9(2)-12/18	P	A
TEAL, GREEN-WINGED	-	-	10/1-11/25(6)-26	-	-	-	→10/2(52)-12/16	A	A-12/25(250)
CANVASBACK	-	11/26	12/15-31	-	-	-	11/23-24(7)-28	-	-
REDHEAD	-	-	-	11/20(8)	-	-	11/23(3)-12/8	-	-
DUCK, RING-NECKED	12/1(8)	10/23-12/9	10/24-12/12(25)→	11/1(40)	P	-	10/9-11/7(100)-12/22	P-12/29(19)	-
SCAUP, GREATER	10/3	11/25-12/23	11/25(8)	11/20(8)	-	-	10/28-11/11(3)	12/27(9)	-
LESSER	-	12/1-2	11/25(8)	-	-	-	11/11-12/2(7)-16	11/28(50+)→	-
SCOTER WHITE-WINGED	-	-	12/8(3)	-	-	-	-	12/29	-
DUCK LONG-TAILED	-	-	-	-	-	-	-	-	-
BUFFLEHEAD	11/3→	-	11/3-5(12)-12/9	10/27-11/20(39)-12/7	P	-	10/28-11/6(87)-12/26	12/1(20)→	11/1→
GOLDENEYE, COMMON	-	11/18	12/8	-	-	12/29(18)	11/6-12/9(53)-22	12/15→	12/8-15(3)
MERGANSER, HOODED	11/10→	→12/27	10/29-12/22(7)-28	-	P	-	→11/18(3605)→	R	11/1-12/1(17)
COMMON	11/10→	11/18→	12/24(15)	-	-	11/5-12/29	10/12-12/9(84)-22	A	-
RED-BREASTED	-	-	-	-	-	-	10/28-11/12(500)-12/21	-	-
DUCK, RUDDY	-	11/23-12/9	10/4-11/30(47)→	10/12-24(25)-11/20	P	-	10/2-11/6(140)-12/22	-	10/1-11/18(31)→
OSPREY	-	-	10/6-24	10/6	-	-	10/19-11/28	P	10/1
EAGLE, BALD	-	A	10/3-4-12/28	10/20-11/4(3)-23	-	-	10/2-12/16(17)-26	R	P-10/28-12/15(6)→
HARRIER, NORTHERN	-	A	10/21-12/9(2)-16	R-12/18(4)	-	10/22	11/5-12/11-26	A	P
HAWK, SHARP-SHINNED	R	A	R	R-10/7(7)	A	A	10/2-12/16	R	R
COOPER'S	R	A	R	R	A	R	10/19-12/16(2)-18	R	R
GOSHAWK, NORTHERN	-	10/5-12/1	-	10/13	-	-	10/15	-	10/28(3)
HAWK, RED-SHOULDERED	→12/1	A	10/29-11/7	11/7	-	12/29	→12/16(3)→	R	10/28(15)-28(71)-12/8
BROAD-WINGED	-	A	-	R-10/13(14)	-	10/16	-	-	10/1
RED-TAILED	R	A	R	11/17	A	R	→12/16(27)→	R	R-10/28(127)
ROUGH-LEGGED	-	11/18→	-	-	-	-	-	-	-
EAGLE, GOLDEN	-	12/15-18	-	-	-	-	-	-	10/2-11/3(5)
KESTREL, AMERICAN	P	A	R	R	A	10/22-12/29(2)	→12/16(9)→	R	R
MERLIN	-	-	11/25-12/16	10/6-21	-	-	10/28	12/28	P
FALCON, PEREGRINE	-	-	-	-	-	-	-	A	R
COOT, AMERICAN	10/22-12/1(17)→	A	10/4-11/5(30+)→	10/8-20(26)-24	-	-	10/2	10/25(25)	P-11/4(115)
PLOVER, SEMIPALMATED	-	-	-	-	-	-	10/9(6)-12	-	-
KILLDEER	-	A	R-10/25(73)	→12/29L	P	P-10/15(2)	10/2(73)-12/19	→12/1	R
YELLOWLEGS, GREATER	-	-	10/24-11/3(3)-15	-	-	-	→10/9(20)-28	-	10/1
LESSER	-	-	10/4(3)-14	-	-	-	→10/2(57)-10/28	-	10/1
SANDPIPER, SOLITARY	-	-	10/4(2)-6	-	-	-	→10/2	-	10/1
SPOTTED	-	-	10/4-24	-	-	-	→10/12	-	10/1
LEAST	-	-	10/4(7)-12/16	-	-	-	→10/22	-	12/25
PECTORAL	-	-	10/4-24(4)-11/3	-	10/23-30	-	→10/9(20)-11/3	-	10/19(3)
DUNLIN	-	-	10/24(7)-12/16	-	10/23	-	10/2-12(25)-11/12	-	-
SNIPE, COMMON	-	10/21→	10/21-28(4)-12/4	-	-	-	10/16	P	P
WOODCOCK, AMERICAN	-	11/18	10/30-11/7	-	-	-	-	-	-
GULL, BONAPARTES	-	-	-	10/7-12/29(125)	-	12/29(7)	10/28-12/3(2000)-22	12/2	A
RING-BILLED	-	A	10/4-11/14(90)→	-	-	-	10/2-12/3(5600)-26	A	A
HERRING	-	P	11/4(6)-25	-	-	-	→11/24(55)→	A	A
GREAT BLACK-BACKED	-	-	-	-	-	-	-	A	A-12/15(20)
OWL, BARN	-	-	R	-	-	-	-	R	12/15
SNOWY	11/29	-	-	11/9	-	-	-	-	-
BARRED	-	A	-	-	A	R	12/16(3)	R	A
LONG-EARED	-	-	-	-	-	-	-	12/16→	-
SHORT-EARED	-	-	-	-	-	-	-	-	-
NORTHERN SAW-WHET	-	A	-	10/28-12/29(6)→	-	10/7-18(10)-11/16	-	A	-
SWIFT, CHIMNEY	-	-	-	-	-	-	-	-	-
WOODPECKER, RED-HEADED	9/22(2)	A	11/3→	-	-	-	→10/8(50)-12	→10/6	→10/28
SAPSUCKER, YELLOW-BELLIED	-	A	11/11-12/15(3)-12/16	-	-	A	10/5-28	A	A-12/15(18)
FLICKER, NORTHERN	→12/9(8)→	A	R-12/16(8)	-	A	A	→12/16(27)→	R	R
WOOD-PEWEE, EASTERN	-	-	10/4	-	-	-	-	-	-

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	CARBON	CENTRE	CHESTER	CLARION	CLEARFIELD	CLINTON	CRAWFORD	DAUPHIN	DELAWARE
PHOEBE, EASTERN	-	→12/16	10/4-13(6)-27	→10/20L	→10/23	10/10	10/11	A	→10/18-12/15
SHRIKE, NORTHERN	-	12/28	-	-	-	-	-	-	-
VIREO, BLUE-HEADED	-	→10/21	-	→10/24	-	10/2-14	-	-	→10/13-12/15
RED-EYED	-	-	-	-	-	-	-	-	→10/7
CROW, FISH	A	A	10/24-11/11	-	-	-	-	R	R
RAVEN, COMMON	-	A	-	A	A	R	-	R	-
LARK, HORNED	A	A	11/4(6)-26	12/25-12/30(200)→	A	12/29(20)	12/11(40)	R	12/15
SWALLOW, TREE	-	-	10/4-13(70)-11/11	-	-	-	10/6(1100)-22	→10/1	→10/22(1500)
CHICKADEE, CAROLINA	-	-	R	-	-	-	-	R	R
BLACK-CAPPED	R	A	10/25-12/16(4)	R-11/26(18)	A	R-12/29(51)	12/16(382)	R	P-12/15(8)
NUTHATCH, RED-BREADED	→12/15	A	10/28-11/6(15)-12/15	A	A	A	→12/16(5)→	A	10/3→
CREEPER, BROWN	10/20→	A	11/6-12/15	A	A	11/18-12/29	12/16(5)	R	A
WREN, WINTER	-	A	11/8-26(3)-12/17	A	-	11/10-12/29	12/16	A	10/21→
MARSH	-	A	10/4-13	-	-	-	-	-	→10/19
KINGLET, GOLDEN-CROWNED	11/3→	A	10/1-11/6(5)-12/16	10/13→	A	A	11/24-12/16	A	P
RUBY-CROWNED	9/22(3)	→12/30	10/13-15(4)-11/7	10/3→	-	10/14-27	10/28-12/16	A	P
THRUSH, GRAY-CHEEKED	-	-	-	-	-	-	-	-	10/1
SWAINSON'S	-	-	-	-	-	-	10/9	10/27	10/1
HERMIT	12/15→	A	10/18-12/28	-	A	12/9	10/28	R	10/21→
ROBIN, AMERICAN	A	A	R-12/29(100+)	A	A	A	→12/16(344)→	R-12/15(100+)	R
CATBIRD, GRAY	→11/17(3L)	→12/16	10/6-13(4+)-12/16	-	-	-	→10/2(3)-21	→11/1	A
THRASHER, BROWN	-	-	12/1	-	-	-	-	→10/1	→12/15
PIBIT, AMERICAN	12/30	-	10/24-11/3(12)-26	-	-	-	-	-	10/18(2)
WARBLER, TENNESSEE	-	-	-	-	-	-	-	-	10/20
ORANGE-CROWNED	-	-	-	-	-	-	-	10/3	-
NASHVILLE	-	10/28	-	-	-	-	-	→10/1	-
MAGNOLIA	-	-	-	-	-	-	10/8	10/14	→10/18
BLACK-THROATED BLUE	-	-	10/11	-	-	-	-	-	→10/3(6)-20
YELLOW-RUMPED	-	A	10/4-21(41)-12/10	A	A	→10/27	10/2-13(12)-12/16	A	→10/22(250)-12/15(6)
BLACK-THROATED GREEN	-	-	10/15	-	-	→10/2	-	→10/5	→10/5
PINE	-	→10/7	11/30(2)	-	-	-	-	→10/1	10/17-12/15
PALM	-	-	10/4-21	-	-	-	-	→11/3	10/22(50)
BLACKPOLL	-	-	-	10/6	-	-	-	→10/1	-
BLACK-AND-WHITE	-	-	-	-	-	-	-	→10/5	→10/3(2)
OVENBIRD	-	-	-	-	-	10/1	-	10/3	-
WARBLER, CONNECTICUT	-	-	-	-	-	-	-	-	-
YELLOWTHROAT, COMMON	-	11/14	10/4-15	→10/20	-	→10/2	-	→10/20	11/15
TANAGER, SCARLET	-	→10/5	-	-	-	-	-	-	-
TOWHEE, EASTERN	→10/20	-	R	→12/29	P	→10/2	-	→12/10	-
SPARROW, AMERICAN TREE	11/11(3)	-	11/7-12/11(5)-22	A	P	10/21-12/29(2)-31	10/22-12/16(140)-26	11/12→	12/6(4)
CHIPPING	-	-	10/13-21(10)-12/15	→10/26	P	→10/11(3)-28	-	A	10/7
FIELD	-	→12/30	R	A	P	-	10/12	→12/1	P
VESPER	-	-	-	-	P	-	-	-	-
SAVANNAH	-	-	10/3-30(5)	-	-	-	-	P	10/18(6)
GRASSHOPPER	-	-	-	-	-	-	-	-	-
FOX	11/3→	10/21-12/28	10/29-30(2)-12/28	-	P	10/29-11/17(3)-24	11/10(3)	10/31(2)→	P-12/15(11)
LINCOLN'S	-	10/1-19	10/15	-	-	10/21	-	10/1	-
SWAMP	-	A	10/5-21(5)-12/15	-	A	-	10/28-12/6(12)	P	-
WHITE-THROATED	10/20→	A	A-12/15(45)	10/2-24(20)→	A	10/10-12/29(8)-31(2)	10/21-12/16(14)-31	10/1→	10/2→
WHITE-CROWNED	10/20(3)	→11/4	10/6-9(11)-12/16	10/24→	-	-	-	P	10/17→11/1
JUNCO, DARK-EYED	10/20(9)	A	10/10-11/11(42)→	R	A	10/10-12/29(114)-31	10/19-12/16(113)-31	10/3→	10/11-11/16(200+)→
LONGSPUR, LAPLAND	-	11/23-12/16	-	-	-	-	12/26	-	-
BUNTING, SNOW	11/19-22(20)-12/9	11/4→	-	11/11→	11/18-19	-	11/6-12/11(100)-16	-	-
GROSBECK, ROSE-BREADED	-	-	-	-	-	10/21(1)	-	→10/3	-
BUNTING, INDIGO	-	-	-	-	-	-	-	-	-
BLACKBIRD, RED-WINGED	→11/17	A	10/13-11/25	-	P	-	→10/16(4000)-12/21	→12/15	A
MEADOWLARK, EASTERN	→11/11	A	-	→10/28	A	-	-	→12/1	10/18-28-12/15
BLACKBIRD, RUSTY	-	10/21	-	-	-	-	→10/22(57)-11/18	P-12/15(26)	10/17→11/1
GRACKLE, COMMON	-	A	R-12/4(100000+)	-	P	10/11-11/1	→11/5(1000)-12/16	→12/15(4)	P

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	CARBON	CENTRE	CHESTER	CLARION	CLEARFIELD	CLINTON	CRAWFORD	DAUPHIN	DELAWARE
COWBIRD, BROWN-HEADED	-	-	R-10/4(50+)	-	-	R	11/5(50)	R	P
FINCH, PURPLE	11/17	A	10/1-11/7(6)-12/30	A	-	-	10/28-12/16	10/8(3)→	P(6)
CROSSBILL, RED	-	12/1	10/29	-	-	-	-	-	-
WHITE-WINGED	-	10/20-11/21	11/17	11/17-12/29(3)	-	10/22-26	11/19(1)	11/30(5)	-
REDPOLL, COMMON	12/15(5)	11/4	-	-	-	-	-	-	-
SISKIN, PINE	10/10(20)	A	10/29-11/17(10)→	10/2-12/7(30+)→	A	10/10-11/19(25)→	11/18-12/16(40)-31	10/28-12/22(46)→	10/25→
GROSBEEK, EVENING	-	10/27-11/18	11/3(7)	10/27-30(8)	-	10/26(4)-12/29	11/5(2)	11/12(22)	-
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	ERIE	FOREST	FULTON	GREENE	HUNTINGDON	INDIANA	JUNIATA	LANCASTER	LEBANON
LOON, RED-THROATED	-	-	-	-	-	11/20	-	-	-
COMMON	A	-	11/30	-	-	11/20(279)	-	10/21-12/1	→11/5(3)
GREBE, PIED-BILLED	A	→12/30	11/11-12/24(3)	-	→10/27(420)	→11/2(19)-12/16	-	→10/13(13)-27	10/7-11/11(4)
HORNED	10/1→	-	-	-	10/20→	10/13(5)-11/3	-	10/13-27	-
CORMORANT, DOUBLE-CRESTED	A	-	-	-	→10/27	→12/29(1)	-	A-10/13(350)	11/5(140H)
BITTERN, AMERICAN	10/13-11/2	-	-	-	-	10/13-20	-	-	-
HERON, GREAT BLUE	A	A	A	A	R	A-10/9(7)	A	R	A-12/5(13)
EGRET, GREAT	-	-	-	-	-	→10/2	-	→10/27	-
HERON, GREEN	-	→10/1	-	-	-	-	-	-	-
NIGHT-HERON, BLACK-CROWNED	10/5-29	-	-	-	-	-	-	→10/14	-
VULTURE, BLACK	-	-	12/31(11)	-	R	-	R	R	A-11/23(103)
TURKEY	→11/1	→10/21	-	→11/4	R	→10/6(10)-11/6	R	R	R
GOOSE, SNOW	11/24-12/6(14)-13	-	-	12/8(30+)	R	11/10	-	A	A-12/30(29000)
CANADA	P	R-11/1(60)	A-12/24(179)	R	-	A-10/29(550)	R-12/15(211)	R	R
BRANT	11/24-12/26	-	-	-	-	-	-	12/16	-
SWAN, MUTE	-	-	-	-	-	→11/13(1)	-	-	-
TUNDRA	10/30→	-	-	-	10/27→	11/3-11/20(797)-12/27	-	10/29→	P-(500)
DUCK, WOOD	→12/15	P	-	→11/11(4)	→12/9	→10/16(8)	→12/15	→11/3	A-11/5(21)
GADWALL	A	-	-	-	-	10/16-11/8(33)-12/27	-	A	12/15(2)
WIGEON, AMERICAN	-	-	-	-	12/16	10/2-12/26(13)	-	A	11/11-12/31(6)
DUCK, AMERICAN BLACK	→12/15	-	12/30(5)	-	A	→10/30(24)-26	12/15→	R	R-12/31(377)
MALLARD	A	A-12/31(33)	R-12/24(12)	R-11/11(55+)	-	A-10/26(346H)	R	R	R-12/31(701)
TEAL, BLUE-WINGED	→11/15	-	-	-	-	→10/7(9)-16(2)	-	-	-
SHOVELER, NORTHERN	-	-	-	-	-	12/26(2)	-	A	-
PINTAIL, NORTHERN	→12/30	-	-	-	-	10/16-30(4)-11/6	-	A	-
TEAL, GREEN-WINGED	→12/15	-	12/24	-	-	→11/13(40)-12/18	12/15	A	12/31(2)
CANVASBACK	10/30→	12/31	-	-	-	-	-	-	12/9
REDHEAD	11/1→	12/31(2)	-	-	-	10/28-11/6(2)-8	-	11/16	-
DUCK, RING-NECKED	A	-	11/30(5)	-	-	10/2-11/2(144)-12/26	-	11/16→	12/9-15(28)
SCAUP, GREATER	11/1→	-	-	-	-	12/6(12)-26	-	11/16→	-
LESSER	A	-	-	-	-	10/30-12/20(13)-26	12/15(3)	11/22	12/31(4)
SCOTER, WHITE-WINGED	10/31-12/2	-	-	-	-	12/20(2)	-	10/20-27	-
DUCK, LONG-TAILED	11/30-12/2(30)-30	-	-	-	-	-	-	12/29→	-
BUFFLEHEAD	10/1→	-	11/11(35)-17	-	P	10/29-11/20(264H)-12/26	-	11/16→	11/11-12/9
GOLDENEYE, COMMON	10/30→	-	-	-	-	12/26(3)	-	12/1→	-
MERGANSER, HOODED	A	-	11/11(6)	-	R	10/12-29(2)-11/20	11/22(5)	10/29→	12/9
COMMON	A	A-10/4(51)	-	-	P	-	-	11/16→	-
RED-BREASTED	A	-	-	-	-	10/2(6)-11/20	-	-	-
DUCK, RUDDY	A	-	11/17-12/24	-	-	10/2-11/3(813H)-12/26	-	10/22	-
OSPREY	-	→10/11	-	-	→11/5	→10/7-8	-	→10/1	P
EAGLE, BALD	P	→10/29	-	-	R	→10/2(3)-12/26	12/15	R	A
HARRIER, NORTHERN	P	A	P	-	-	A-11/6	A	A	A
HAWK, SHARP-SHINNED	A	A	R	R	R	A-10/2(3)	R	R	R
COOPER'S	A	A	R	R-12/29(2)	R	A-12/18(2)	R	R	R
GOSHAWK, NORTHERN	-	-	-	-	R	11/28	12/15	10/28	R

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	ERIE	FOREST	FULTON	GREENE	HUNTINGDON	INDIANA	JUNIATA	LANCASTER	LEBANON
HAWK, RED-SHOULDERED	P	11/19	P	-	R	-	-	R	R
BROAD-WINGED	-	-	P	→10/4	R	P	-	-	-
RED-TAILED	A	R	R-12/24(3)	R	R	A-12/(10)	R	R	R
ROUGH-LEGGED	P	-	-	10/28→	-	-	11/5-8	-	P
EAGLE, GOLDEN	-	-	P	-	→12/22	-	-	12/25	→12/15
KESTREL, AMERICAN	A	R	R	-	R	A-10/12(3)	R	R	R
MERLIN	→10/19	-	-	-	→11/9	10/2-30(4)→	-	10/13-12/29(2)→	P
FALCON, PEREGRINE	→10/15	-	-	-	→12/9	-	-	12/16	→10/28
COOT, AMERICAN	A	-	-	-	-	→11/6(705)-12/26	-	A-10/29(850H)	10/7-12/9(36)
PIVOTER, AMERICAN GOLDEN	→10/2	-	-	-	-	→10/16(2)-20	-	-	10/2(12)
SEMPALMATED	→11/30L	-	-	-	-	→10/2(54)-11/20	-	-	-
KILLDEER	P	A	→11/6(2)-11	→12/29	→12/6	→10/30(6)-11/20	R	→10/17	→10/11(21)
YELLOWLEGS, GREATER	P	-	-	-	-	→10/20(5)	-	→10/16	-
LESSER	-	-	11/6	-	-	→10/7	-	-	-
SANDPIPER, SPOTTED	11/14L-12/15	-	-	-	-	-	-	-	-
LEAST	-	-	-	-	-	-	-	→10/17	-
PECTORAL	P	-	-	-	-	→10/30(18H)-11/13	-	→11/3	-
DUNLIN	→11/30	-	-	-	-	10/16(8)-11/6	-	10/17-27	-
SNIFE, COMMON	P	-	-	-	-	10/9-11/13(7)	11/5→	10/4→	-
WOODCOCK, AMERICAN	P	-	-	-	-	→12/21	-	-	→10/28
GULL, BONAPARTES	A	12/31	P	-	-	10/2(2)-11/20(2)	-	A	-
RING-BILLED	A	12/31(11)	-	-	P	A-11/20(120)	11/16→	R	A-12/15(192)
HERRING	A	-	-	-	-	-	P	R	A-12/15(1106)
LESSER BLACK-BACKED	A	-	-	-	-	-	-	10/6	11/11
GREAT BLACK-BACKED	-	-	-	-	-	-	12/15→	R	11/25-12/9(46H)
OWL, BARN	-	-	-	-	-	-	R	R	-
SNOWY	-	-	-	-	R	-	-	-	-
BARRED	P	R	R	R	-	A-12/22(2)	R	R	R
LONG-EARED	11/25	-	-	-	-	-	-	-	-
SHORT-EARED	-	-	-	-	-	12/27(2)	12/15	11/1-12/20(4)→	-
NORTHERN SAW-WHET	10/27-11/25	-	-	-	R	-	-	12/16-30	-
SWIFT, CHIMNEY	-	-	-	→10/3	→10/8	→10/1(11)-12	→10/9	→10/12	→11/11
HUMMINGBIRD, RUBY-THROATED	-	-	-	-	-	→10/3	-	-	-
WOODPECKER, RED-HEADED	A	-	-	-	-	-	-	R	A-12/15(3)
SAPSUCKER, YELLOW-BELLIED	P	→10/28	-	-	10/8→	A-12/26(3)	10/3-12/15(16)→	10/6→	10/21
FLICKER, NORTHERN	A	A	R	R	-	A-10/20(6)	R	R	R-(40)
WOOD-PEWEE, EASTERN	-	-	-	-	-	-	-	-	→10/14
PHOEBE, EASTERN	P	→10/1	-	-	→12/22	→10/16(4)-29	→11/26	P	10/7(4)-29
SHRIKE, NORTHERN	-	-	-	-	12/22	12/26	-	-	-
VIREO, BLUE-HEADED	P	→10/1	-	10/8	→10/24	→10/2(16)-13	10/10-11	-	10/14(7)-11/5L
RED-EYED	-	-	-	-	-	→10/3-4	-	-	→10/14
CROW, FISH	-	-	-	-	-	A-10/19(8)	10/27	R	R-12/15(30)
RAVEN, COMMON	P	R	R	R	R	A-10/2(2)	R-10/19(12H)	-	A-12/15(3)
LARK, HORNED	P	R	P	-	P	A-11/28(30)	R	R	R-12/15(137)
SWALLOW, TREE	-	-	P	-	-	-	→10/10	→10/27	10/7(1000)-15
BARN	-	-	-	-	-	-	-	→10/16	10/7L
CHICKADEE, CAROLINA	-	-	R	R	-	-	-	R	R
BLACK-CAPPED	R	R	R	10/8→	R	A-11/6(28)	R	R	R-12/15(191)
NUTHATCH, RED-BREASTED	A	A	-	11/4	R	A-10/23(4)	11/3→	A	A
CREEPER, BROWN	P	A	R	-	R	A-10/2(4)	A	R	R
WREN, HOUSE	-	-	-	-	-	-	-	→10/13	-
WINTER	P	-	-	-	R	→10/3(3)-12/26	12/6→	10/22→	R
MARSH	-	-	-	-	-	-	-	→11/27	-
KINGLET, GOLDEN-CROWNED	P	-	-	-	R	A-11/13(12)	10/4→	A	R-10/14(20)
RUBY-CROWNED	P	10/15-28(5)→	P	11/6-11(5)→	→12/15	→10/4(30)-12/26	10/4→	A	10/7(40)
THRUSH, SWAINSONS	-	-	-	-	-	→10/11	-	-	10/14(3L)-27
HERMIT	P	-	11/11	-	R	10/4(5)→	10/27-31(4)→	A	-
WOOD	-	-	-	-	-	-	-	-	10/25
ROBIN, AMERICAN	A	-	→11/11	R-12/18(85+)	R	A-12/26(174)	A-12/23(72)	R	R-10/7(300)

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	ERIE	FOREST	FULTON	GREENE	HUNTINGDON	INDIANA	JUNIATA	LANCASTER	LEBANON
CATBIRD, GRAY	P	-	-	-	→10/14	→10/2(4)-12/6	→10/14	→12/30	10/14(8)
THRASHER, BROWN	P	-	-	-	-	-	-	→12/29	10/6
PIBIT, AMERICAN	P	-	-	-	-	→10/9(9)-28	12/15(5)	A	12/1(30)-2
WARBLER, ORANGE-CROWNED	10/19	-	-	-	-	-	-	-	-
NASHVILLE	-	-	-	-	-	→10/3-4	-	-	→10/21
MAGNOLIA	-	-	-	-	-	→10/3(2)-6	-	-	-
BLACK-THROATED BLUE	-	-	-	-	→10/8	→10/2-20	-	-	11/2
YELLOW-RUMPED	A	-	-	12/28→	→12/16	A-10/21(13)	→11/26(8)-27	A	A-10/7(60)
BLACK-THROATED GREEN	P	-	-	-	-	→10/3(8)-6	-	-	-
PINE	-	-	-	-	-	→10/9	-	-	-
PALM	-	-	-	-	-	10/16(3)	-	→12/29	→10/21
BLACKPOLL	-	-	-	-	-	→10/2	-	-	-
OVENBIRD	-	-	-	-	-	→10/3(3)-4	-	-	-
WARBLER, CONNECTICUT	-	-	-	-	-	10/3(2)-4	-	-	-
YELLOWTHROAT, COMMON	→12/15L	-	-	-	-	→10/2(4)-20	-	-	10/6
TANAGER, SCARLET	-	-	-	-	-	→10/2-5	-	-	-
TOWHEE, EASTERN	10/5E→	→10/15	-	→12/22	A	→10/9(19)-21	→12/15	R	A
SPARROW, AMERICAN TREE	P	11/17→	11/30→	12/22→	11/16→	11/6-12/26(42)→	-	11/6→	12/9-15(39)
CHIPPING	P	→10/27	-	→10/26	→10/20	→10/4(20)-12/2	→10/14(300)-12/15	→11/13	10/16(100+)-12/15
FIELD	P	-	R	A	R	→10/12(31)-12/26	10/14-12/15(9)	R	R
VESPER	P	-	-	-	-	→10/12	-	→12/16	-
SAVANNAH	P	-	-	-	-	→10/12(25)-16	12/15	R	R
FOX	P	10/31-11/4	-	10/23→	10/20-12/22	10/28-11/13(15)-12/26	11/2-10(6)-12/15	10/1→	11/11
LINCOLN'S	P	-	-	-	→10/14	10/6	-	-	→10/20
SWAMP	A	P	-	-	R	A-10/16(5)	10/4-12/15	R	R-10/28(5)
WHITE-THROATED	P	10/4-30(3)→	A	10/6→	A	A-10/9(52)	R	-	A-10/7(300)
WHITE-CROWNED	P	10/28-29	P	12/22→	10/20-12/16	10/2-13(4)-12/26	10/12-28(17)→	A	10/21-12/15(23)
JUNCO, DARK-EYED	A	A-10/31(70)	11/11(20)→	10/17	R	10/8-12/26(232)→	R	10/20→	R
LONGSPUR, LAPLAND	-	-	-	-	-	-	-	11/1→	-
BUNTING, SNOW	P	-	-	-	-	10/30(8)→	11/25	11/16	11/5
GROSBEEK, ROSE-BREADED	-	-	-	-	-	→10/8-16	-	-	-
BUNTING, INDIGO	-	-	-	-	-	P	-	-	-
BLACKBIRD, RED-WINGED	P	P	P	→12/29	→12/22	A-12/26(100)	A-10/27(700)	R	R-11/1(2000)
MEADOWLARK, EASTERN	P	-	R	→12/29	-	→10/8(2)-12/31	12/15(9)	R	-
BLACKBIRD, RUSTY	P	10/28(100)	-	12/29	-	10/2-30(373)-11/6	10/19-11/2	10/27→	10/7-28
GRACKLE, COMMON	P	→11/18	P	A	→12/22	→10/13(2957)-23	→10/27(3000)-12/23	R	R-10/21(7000)
COWBIRD, BROWN-HEADED	P	-	P	12/22(65+)	-	A-10/20(9)	A-10/27(200)	R	R
FINCH, PURPLE	P	A	-	10/28→	A	A-10/2(16)	10/10-18(8)-12/7	10/21-11/12	10/7-21(12)
CROSSBILL, RED	11/23	-	-	-	-	-	-	-	-
WHITE-WINGED	10/30(30)→	10/29	-	-	10/28→	11/16(2)	11/6-12/7	-	12/1(5)
REDPOLL, COMMON	10/30-11/15(30)→	10/28	-	-	-	-	11/5-28	-	-
SISKIN, PINE	10/28-11/4(36)→	11/12	-	10/26	10/27→	10/6-28(9)-12/31	→10/29(8)-11/27	10/21→	11/2-12/1(30)
GROSBEEK, EVENING	10/30-11/3	10/26-12/26(40)→	-	11/10	10/28→	10/14-11/1(6)-21	10/27-28(20)-11/26	12/31	10/29-12/1(80)

	LEHIGH	LUZERNE	LYCOMING	MERCER	MIFFLIN	MONROE	MONTGOMERY	MONTOUR	PHILADELPHIA
LOON, RED-THROATED	11/11(1)	10/22	-	-	-	-	-	-	-
COMMON	11/11(50)	A-12/9(33)	-	10/30(3)	-	-	11/2-12/8(21)	10/8	P
GREBE, PIED-BILLED	-	A	10/4-11/9	-	-	-	→12/1	→11/3(7)-12/4	A
HORNED	-	10/29-12/4	-	-	-	-	-	-	-
CORMORANT, DOUBLE-CRESTED	-	→10/27	-	→10/27(40+)	-	-	→12/16	-	A
BITTERN, AMERICAN	-	-	-	-	-	-	10/16	11/17L	10/21-11/19
HERON, GREAT BLUE	-	R	A	→12/15	R-10/6(2)	-	A-10/22(6)	R	A
EGRET, GREAT	-	-	10/2	-	-	-	→10/24	-	P-12/15
HERON, GREEN	-	-	-	→10/9	-	-	-	-	→11/4
NIGHT-HERON, BLACK-CROWNED	-	-	-	-	-	-	-	-	P
VULTURE, BLACK	10/10- 27(8)	-	-	-	A-11/6(11)	-	A	-	P-11/17(20)

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	LEHIGH	LUZERNE	LYCOMING	MERCER	MIFFLIN	MONROE	MONTGOMERY	MONTOUR	PHILADELPHIA
TURKEY	-	→11/25	→10/8(9)-27	→10/24	A	-	A	→10/18	A
GOOSE, SNOW	10/23(26)	11/3	-	-	-	12/10(200)	10/14-27(542)→	-	P
CANADA	-	R	R	R	R-10(8(82)	R	A	R-12/16(4148)	R
BRANT	-	-	-	-	-	-	10/27	-	-
SWAN, MUTE	12/31	-	-	-	-	-	11/3(2)	12/4-31	→11/3
TUNDRA	-	-	-	10/15-12/2(100)+28	12/30(33)	-	11/24(4)	11/3-12/6	-
DUCK, WOOD	-	R	10/2	→10/5	R	-	A	11/26-12/31	A
GADWALL	-	A	-	-	-	-	A	12/11-16	10/15-12/15(82)
AMERICAN	-	A	-	-	-	-	→10/23(21)-11/24	10/27-12/16	10/21→
DUCK, AMERICAN BLACK	-	R	-	-	P-10/15(6)	-	A	A-12/16(469)	R-11/18(250)
MALLARD	-	R	R	R	R	R	A	A-12/16(459)	R-11/18(150)
TEAL, BLUE-WINGED	-	-	-	-	-	-	→12/1L	-	10/7-11/4
SHOVELER, NORTHERN	-	-	-	-	-	12/16(1)	A-12/28(14)	-	A
PINTAIL, NORTHERN	-	A	-	10/6	-	-	→12/1	-	A-11/4(500)
TEAL, GREEN-WINGED	-	A	-	-	-	-	A-10/24(26)	10/13-12/16(22)	A
CANVASBACK	-	A	11/9	-	-	-	11/30(3)	-	P- (150)
REDHEAD	-	-	-	-	-	-	12/30	-	-
DUCK, RING-NECKED	-	A	10/16-28	-	-	-	10/27(8)→	12/4-31	11/15-12/25
SCAUP, GREATER	-	A	-	-	-	-	-	-	-
LESSER	-	A	-	-	-	-	10/27	10/18	11/15(4)
SCOTER, WHITE-WINGED	-	10/28	-	-	-	-	-	-	-
BUFFLEHEAD	-	A	11/9(19)	-	-	-	10/27-11/10(30)→	10/27-12/16	11/15→
GOLDENEYE, COMMON	-	11/3→	-	-	-	-	12/29	-	-
MERGANSER, HOODED	-	R	-	-	12/20	-	10/28→	-	P
COMMON	-	R	R	-	-	R	10/27→	10/10-12/16(238)→	P
RED-BREASTED	-	10/28→	11/9(13)	10/1	-	12/16(1)	-	11/1-3	P-11/8(25)
DUCK, RUDDY	-	A	-	-	-	12/16	10/14-11/7(52)-12/16	-	-
OSPREY	-	P	-	→10/26	-	-	→10/28	-	→10/20
EAGLE, BALD	-	A	A	A	-	-	A-12/23(3)	-	A-(3H)
HARRIER, NORTHERN	11/16	A	10/30→	10/25→	10/8(3)	-	10/11	-	P
HAWK, SHARP-SHINNED	-	R	R	R	A	R	A	A	A
COOPER'S	-	R	R	R	A	R	A	A	A
GOSHAWK, NORTHERN	-	R	-	-	11/3(1)	R	-	A	P
HAWK, RED-SHOULDERED	-	R	-	R	P	R	10/16-12/29	-	P
BROAD-WINGED	-	-	-	-	-	-	-	-	P
RED-TAILED	-	R	R	R	A-11/7(3)	R	A	R	R
ROUGH-LEGGED	-	-	-	11/4	11/19	-	-	-	-
EAGLE, GOLDEN	-	12/15	12/1	R	11/3-12/18	-	-	-	-
KESTREL, AMERICAN	-	R	R	R	A-11/6(4)	R	A	R	R
MERLIN	11/4-25	10/14	-	10/9	-	-	10/24-12/22	-	P
FALCON, PEREGRINE	-	R	A(2)	11/8	-	-	10/31	-	R
COOT, AMERICAN	-	A	10/16-11/9	-	-	-	10/7-27(5)-11/2	10/20-12/16(16)	10/7-11/4(115)→
PLOVER, SEMIPALMATED	-	-	-	-	-	-	→10/3(3)-16	-	-
KILLDEER	-	A	→12/22	→12/29	R	-	A-11/27(83)	A-11/1(41)	A
YELLOWLEGS, GREATER	-	→10/28	-	-	-	-	→11/2	-	→10/28
LESSER	-	-	-	-	-	-	→11/3	-	-
SANDPIPER, SOLITARY	-	-	-	-	P	-	-	11/1	-
SPOTTED	-	-	-	-	-	-	-	-	P
LEAST	-	10/28L	-	-	-	-	→10/3(6)-15	-	-
PECTORAL	-	-	-	-	-	-	→11/1(27)-8	-	-
DUNLIN	-	-	-	-	-	-	10/17-27(10)-11/13	-	-
SNIPE, COMMON	-	→11/12	-	-	-	-	10/6-11/3	-	P
WOODCOCK, AMERICAN	-	P	-	R	-	12/22(6L)	-	11/1(2)	P
GULL, RING-BILLED	-	A	10/14	-	-	-	A	-	A
HERRING	-	A	-	12/26(4)	-	-	A	-	A
LESSER BLACK-BACKED	-	A	-	-	-	-	10/17-21(3)→	-	12/25(1)
GREAT BLACK-BACKED	-	A	-	-	-	-	-	-	A
OWL, SNOWY	-	-	11/11	-	-	-	-	12/12	-
BARRED	-	R	-	R	-	R	12/28(DEAD)	-	A

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	LEHIGH	LUZERNE	LYCOMING	MERCER	MIFFLIN	MONROE	MONTGOMERY	MONTOUR	PHILADELPHIA
LONG-EARED SHORT-EARED NORTHERN SAW-WHET	-	10/14→	-	-	-	-	-	11/12-12/16(20)→	-
SWIFT, CHIMNEY	-	→10/10	→10/5	→10/4	-	P- 10/22(22)	-	-	-
WOODPECKER, RED-HEADED	10/20-21	-	-	→12/15	10/15(4)-12/1	P- 12/15(4)	→10/9	-	→10/16
SAPSUCKER, YELLOW-BELLIED	10/27	A	11/4	-	10/1	-	10/7-12/16(4)→	-	P
FLICKER, NORTHERN	-	R	A	R	A	R	A	-	R
WOOD-PEWEE, EASTERN	-	-	-	-	→10/2	-	-	-	-
PHOEBE, EASTERN	-	→11/3	-	→11/2L	→12/5	-	→10/18	-	→11/3
SHRIKE, NORTHERN	11/11	-	-	→10/27	12/29	-	-	-	→10/18
VIREO, BLUE-HEADED	-	-	-	-	-	-	10/16-20	-	→10/6
RED-EYED	-	-	-	-	-	-	→10/2	-	R
CROW, FISH	-	R	-	-	P-11/4(3)	-	P	-	-
RAVEN, COMMON	-	R	R	-	R	-	-	-	-
LARK, HORNED	-	R	-	11/4→	-	-	-	-	-
SWALLOW, TREE	-	-	-	→10/14	→12/16(6)	-	→10/19	-	→11/3
BARN	-	-	-	→10/7	-	-	→10/15	-	→10/20
CHICKADEE, CAROLINA	-	-	-	-	-	-	A	-	R
BLACK-CAPPED	-	R	R	R	R	R	P	A-12/16(97)	11/25(3H)
NUTHATCH, RED-BREADED	-	R	-	10/9	12/15	A- (2)	A	12/16	11/4
CREEPER, BROWN	10/19 →	R	R	A	P-11/2(2)	R	A	12/16(2)	10/15-11/25(10)→
WREN, HOUSE	-	-	-	→10/1	-	-	-	-	-
WINTER	10/16	R	-	12/1	10/5	R	10/21→	-	11/15-12/25(7)→
MARSH	-	-	-	-	-	-	-	-	→10/15
KINGLET, GOLDEN-CROWNED	11/18	R	R	→12/1	12/15	-	10/9	12/16(2)	P
RUBY-CROWNED	-	A	-	10/1(6)-11/1	10/7(2)	-	→11/2	-	P
THRUSH, GRAY-CHEEKED	-	→10/24	-	-	-	-	10/3(2)	-	P
SWAINSON'S	-	→10/5	-	→12/14	-	-	-	-	P
HERMIT	-	A	-	→10/28	-	-	10/9-20	12/16	10/15-11/3(5)-12/26
WOOD	-	-	-	→10/4	-	-	-	-	P
ROBIN, AMERICAN	-	R	R	R-12/30(75)	11/16(47)	R	A	A	R-12/14(450)
CATBIRD, GRAY	-	→10/19	-	→11/23	P	-	→11/8	-	P
THRASHER, BROWN	-	-	-	→10/11	P	-	-	-	→11/15
PIPT, AMERICAN	-	P	-	10/27-11/14	-	-	→10/3(33)-12/30	-	-
WARBLER, ORANGE-CROWNED	-	-	-	-	-	-	10/28	-	-
NASHVILLE	-	-	-	-	-	-	-	-	→10/21
MAGNOLIA	-	-	-	10/1	-	-	-	-	→10/3
BLACK-THROATED BLUE	-	-	-	-	-	-	→10/6	-	→10/23
YELLOW-RUMPED	10/27	A	R	10/1(26)-30	-	-	A	-	→10/25(45)-11/3
BLACK-THROATED GREEN	-	-	-	→10/3	10/1(1)	-	→10/10	-	→10/21
PALM	-	10/4-27	-	→10/8	-	-	→10/19	-	10/22(50)-11/17
BLACKPOLL	10/22	-	-	-	10/7(1)	-	-	-	P
BLACK-AND-WHITE	-	-	-	-	-	-	-	-	→11/3
OVENBIRD	-	-	-	-	-	-	-	-	→10/6
YELLOW-THROAT, COMMON	-	A	-	→10/8	-	-	→10/16	-	→11/3
TANAGER, SCARLET	-	-	-	-	-	-	10/2	-	-
TOWHEE, EASTERN	12/13	-	-	→10/30	P	-	10/7-12/16L(2)	10/12-11/1	P
SPARROW, AMERICAN TREE	-	11/2→	11/9→	10/7-12/31	12/15	-	11/10 →	12/16(73)	P
CHIPPING	-	A	→10/28	→10/20	10/1	-	→11/11	-	P
FIELD	-	-	-	→11/1	→11/18	-	A	-	P
VESPER	-	-	-	-	-	-	10/16	-	-
SAVANNAH	-	A	-	-	-	-	→10/15(3)-25	-	-
FOX	11/18	10/28-12/4	10/28	-	-	-	10/30-12/30(8)→	-	11/4→
LINCOLN'S	-	→10/23	-	-	-	-	→10/15(2)-16	-	-
SWAMP	-	R	-	→11/1	→10/21	-	→10/7(20)-12/23	-	R
WHITE-THROATED	-	R	-	11/4→	10/7 →	R	A	10/13-12/16(19)→	10/8→
WHITE-CROWNED	-	R	-	-	10/21(3)	-	→10/16(2)	-	P
JUNCO, DARK-EYED	-	R	R	10/11→	A	10/11(1)	10/11	10/25-12/16(243)→	10/19→
LONGSPUR, LAPLAND	-	-	-	-	12/20(18)	-	-	-	-

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	LEHIGH	LUZERNE	LYCOMING	MERCER	MIFFLIN	MONROE	MONTGOMERY	MONTOUR	PHILADELPHIA
BUNTING, SNOW	-	10/28→	-	11/2→	-	-	10/27	11/26-12/16	-
GROSBK, ROSE-BREADED	-	-	-	10/1	-	-	→10/2	-	-
BUNTING, INDIGO	10/21	→10/4	→10/2	-	-	-	-	-	-
BLACKBIRD, RED-WINGED	-	A	-	A-12/30(5)	-	-	P	12/16(780)	-
MEADOWLARK, EASTERN	10/16-21	A	-	→10/25	→11/4	12/15(1)	P-11/2(5)	-	10/31
BLACKBIRD, RUSTY	-	A	10/8(12)	A-12/30(30+)	-	-	10/24-11/5	-	P
GRACKLE, COMMON	-	A	→12/4	→11/1	A-11/18(28+)	-	P	12/16(200)	P
COWBIRD, BROWN-HEADED	-	→12/2	12/4(15)	A-12/30(75+)	11/4	-	P	12/16(520)	P
FINCH, PURPLE	-	R	R-10/1(6)	→12/1	-	R	A-12/12(30+)	12/16	P
CROSSBILL, RED	-	-	-	-	-	-	-	-	11/17(2)
WHITE-WINGED	-	11/14(2)→	-	12/1	-	-	-	-	-
REDPOLL, COMMON	11/10	11/3(9)→	-	11/14(5)	-	-	-	-	-
SISKIN, PINE	-	A	10/28→	10/28-11/9	11/3-20(7)	P- (30+)	10/17-12/12(75)→	-	11/17-27
GROSBK, EVENING	10/30(7)	10/23(2)→	10/24(8)	10/28-11/4	12/20(3)	P	-	-	-

	POTTER	SCHUYLKILL	SOMERSET	SULLIVAN	TIOGA	VENANGO	WESTMORELAND	WYOMING	YORK
LOON, RED-THROATED	-	-	-	-	-	-	12/18-21	-	-
COMMON	10/15	10/8-11/1(186)-12/8	10/27-12/19	-	10/26	11/5-12/2	P	-	→11/8
GREBE, PIED-BILLED	10/6-11/3	11/23	10/8-27(10)-12/31	10/5(6)	10/26-27(14)-11/3	10/3-11/17	A	11/5-12/14	→11/8
HORNED	-	-	12/2(2)	-	-	11/20	→12/16(3)	-	P
CORMORANT, DOUBLE-CRESTED	-	10/7-18(150)-11/12	12/2	-	-	-	→10/27(250)-12/23	-	-
BITTERN, AMERICAN	-	-	-	-	-	-	10/4	-	-
HERON, GREAT BLUE	A	A	12/11(6)	P	A	10/21-11/3	→12/23(5)	A-12/14(3)	R ¹
EGRET, GREAT	-	-	-	-	-	-	-	-	→12/9
VULTURE, BLACK	-	→11/22	-	-	-	-	10/24	-	R
TURKEY	→11/23	→12/21	12/15(2)	→10/18	10/1-18(5)-26	→12/4	→12/6(5)	→10/23	R
GOOSE, SNOW	A	10/14-23(363)-24	-	-	-	-	11/20	10/28(4)	11/18(5)
CANADA	A	R	A-12/16(666)	R	A-12/31(1980)	R	R	R-12/14(1065)	R
BRANT	-	-	-	-	-	-	-	11/9	-
SWAN, MUTE	-	R	-	-	-	10/13-11/20	→12/23(9)→	-	-
TUNDRA	-	12/6(60)	11/20(4)-12/8	-	12/30(33)	12/2-6(37)-28	11/20(138)-12/7	-	P-12/12(12)
DUCK, WOOD	→10/30	R	P-10/3(45)	-	A	10/13	→12/23	→10/17	-
GADWALL	-	-	10/6(7)-12/29	-	→12/24	-	12/23	11/12-12/14	10/11-12/1
AMERICAN	-	-	12/16(2)	-	→11/21	-	→12/23	11/5(2)	11/1-12/15
DUCK, AMERICAN BLACK	10/20→	→10/28	10/27-12/16(18)	-	11/2-12/20(10)-26	10/26	A	10/17-20)→	A
MALLARD	A	R	R-12/31(500)	→10/5	A-11/3(71)	R	R	R-12/14(416)	R
TEAL, BLUE-WINGED	-	-	10/27(4)	-	-	-	P	-	11/11(20)
SHOVELER, NORTHERN	-	-	-	-	-	-	12/23	-	-
PINTAIL, NORTHERN	-	10/7-28	-	-	10/31(2)	-	12/23(2)	-	-
TEAL, GREEN-WINGED	-	-	-	-	-	-	→12/23	12/5	11/11-12/15
CANVASBACK	-	-	11/20-12/2	-	-	11/5-6	P	-	12/1(2)
REDHEAD	-	-	12/7	-	-	11/20	P	-	-
DUCK, RING-NECKED	12/9-28	-	10/27-12/16(106)	-	10/31-12/15	10/17-12/23	11/20(9)-12/23	P-(21)	11/8-12/15
SCAUP, GREATER	-	-	12/8(11)	-	-	-	-	12/11-14	-
LESSER	12/2-28	-	10/8-12/16(6)	-	-	11/20-12/9	12/23	11/3→	10/26
DUCK, LONG-TAILED	-	-	12/7(5)-29	-	-	11/5-6	-	-	-
BUFFLEHEAD	-	-	11/20-12/2	-	-	-	-	-	-
GOLDENEYE, COMMON	10/30-11/20(9)-30	11/17	11/20(77)	-	10/31(8)	10/28-12/22	11/20(125)-12/23	10/19-30(17)→	P-(8)
MERGANSER, HOODED	11/9(5)	-	12/16(3)	-	12/31	-	P	A	12/15(2)
COMMON	10/15-11/20	10/23(14)	12/8-9(18)-29	-	→10/31(19)-12/26	10/8-12/9	→12/23	11/16-12/15	-
RED-BREADED	-	-	12/8(9)	-	12/15	A	P	R-12/14(77)	-
DUCK, RUDDY	12/17-26	11/25	10/18-12/7(60)	-	11/3-12/29L	12/6	P	12/31(2)	11/1(3)
OSPREY	-	-	-	-	-	10/5-12/23	P	11/21(1)	11/3(3)
EAGLE, BALD	A	→10/16(8)-27	-	-	-	10/12-11/5	P	→11/1	→10/21
HARRIER, NORTHERN	A	→12/15(11)-31	-	-	A-12/24(3)	A	→12/23	A-12/14(5)	A
HAWK, SHARP-SHINNED	A	→10/27(18)-12/22	12/16(4)	-	10/10-12/8	10/3-12/12	→12/23	11/12→	A
		R-10/7(623)	A	R	10/16	R	R	R-12/14(4)	A

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	POTTER	SCHUYLKILL	SOMERSET	SULLIVAN	TIOGA	VENANGO	WESTMORELAND	WYOMING	YORK
COOPER'S	A	R-10/7(104)	A-12/16(7)	R	10/16-12/24	R	R	R	R
GOSHAWK, NORTHERN	A	R-10/28(13)	-	R	12/15	-	11/11	-	11/10
HAWK, RED-SHOULDERED	P	R-10/29(49)	P	-	-	10/7	A	-	R
BROAD-WINGED	-	-	-	-	11/19	-	-	-	-
RED-TAILED	A	R-10/27(579)	R-12/16(22)	R	A-12/15(35)	R	-	-	-
ROUGH-LEGGED	10/27(2)→	11/16-12/9	-	R	12/15→	-	-	-	-
EAGLE, GOLDEN	10/26→	→11/3(10)-12/21	11/9-12/16(2)	-	12/15	-	-	-	-
KESTREL, AMERICAN	A	R-10/15(38)	12/16(18)	R	A-12/15(6)	A	-	-	-
MERLIN	-	→10/6(17)-12/9	-	-	-	-	-	-	-
FALCON, PEREGRINE	-	→12/15	-	-	12/20	-	-	-	-
COOT, AMERICAN	-	10/11	10/27-12/29	-	10/26-12/29	10/17-11/20	-	-	-
PLOVER, AMERICAN GOLDEN	-	-	-	-	-	-	-	-	-
SEMPALMATED	-	-	-	-	-	-	-	-	-
KILLDEER	→10/30	12/22	10/5-12/19	-	→10/3	10/1-30	10/1	-	-
YELLOWLEGS, GREATER	11/2	→10/6	10/8	-	-	10/18-24	→10/23	-	-
LESSER	10/30-11/3	-	-	-	-	-	P	-	-
SANDPIPER, SOLITARY	-	-	-	-	-	-	P	-	-
SPOTTED	-	-	-	-	-	10/13	P	-	-
LEAST	-	-	-	-	-	-	-	-	-
PECTORAL	-	-	-	-	-	-	-	-	-
DUNLIN	-	10/30	10/24-27	-	-	10/8-24	P	-	-
SNIFE, COMMON	-	→11/1	10/18-29(31)-12/11	-	-	-	-	-	-
WOODCOCK, AMERICAN	-	→11/23	11/10-12/16	-	-	-	P	-	-
GULL, BONAPARTES	-	→11/23	P	-	-	-	P	-	-
RING-BILLED	12/2(4)	P	11/25	-	-	-	-	-	-
HERRING	12/2-7	P	P-12/7(42)	-	A-12/29(800)	10/17-12/28(700+)-12/31	A	12/10-14(4)→	A
LESSER BLACK-BACKED	-	P	-	-	A-12/30(225)	11/12	P	10/24-11/13(13)→	A
GREAT BLACK-BACKED	-	-	-	-	12/30(1)	-	-	-	-
OWL, BARN	-	R	-	-	12/30(2)-31	-	-	-	10/10-12/9
SNOWY	-	-	-	-	-	-	-	-	R
BARRED	A	R	R	R	A-12/8	A-10/4(2)	R	R	11/15-12/29
LONG-EARED	-	-	-	-	12/8	12/18	-	-	-
SHORT-EARED	-	-	12/16	-	-	11/12-12/31	-	12/14	-
NORTHERN SAW-WHET	→11/22	R	-	-	-	10/1-12/11	10/7-11/17(2)-12/16	-	P-(32)
SWIFT, CHIMNEY	10/5	→10/6(39)-16	-	-	-	→10/21	10/4(10)	-	→10/3
HUMMINGBIRD, RUBY-THROATED	10/5	-	-	→10/2	-	-	-	-	-
WOODPECKER, RED-HEADED	-	10/4-7-11/3	-	-	-	11/11	A	-	R
SAPSUCKER, YELLOW-BELLIED	-	A	10/17-12/16	→11/9	-	10/7-12/30	A	→12/14	A
FLICKER, NORTHERN	-	R	P-12/16(5)	-	A-12/15(12)	A	R	A-12/14(24)	R
WOOD-PEWEE, EASTERN	-	→10/5	-	-	-	-	-	-	-
PHOEBE, EASTERN	→10/27	→10/21	12/18	-	10/4-11/3	10/8-20	-	-	-
FLYCATCHER, GREAT CRESTED	-	-	-	-	-	-	→12/23	-	10/20L
SHRIKE, NORTHERN	12/23→	-	12/30	-	12/10	-	-	-	-
VIRO, WHITE-EYED	-	-	10/5(8)	-	-	-	→10/2	-	-
BLUE-EYED	→10/14	→11/10	-	-	→10/13	→10/21	→10/16	-	→10/22
RED-EYED	-	→10/11	-	-	-	-	-	-	-
CROW, FISH	-	P	-	-	-	-	-	-	-
RAVEN, COMMON	A	R	R-12/16(7)	R	R-12/15(14)	11/3-12/30	R	R-12/14(8)	R
LARK, HORNED	A	10/7→	A-12/16(366)	-	12/15(7)	12/23	12/23(75)	R-12/10(120)	12/15(5)
SWALLOW, TREE	-	→10/22	10/7	-	-	10/17-19	P	-	→12/9
BARN	-	10/23	-	-	-	-	P	-	-
CHICKADEE, CAROLINA	-	-	-	-	-	-	P	-	R
BLACK-CAPPED	A	R	R-12/16(391)	R	R-12/15(240)	R	R	R-12/14(321)	R
NUTHATCH, RED-BREASTED	A	R	A	A	11/12(4)→	10/8→	10/2→	A-12/14(3)	12/15
CREEPER, BROWN	A	R	10/20-12/16(8)	A	R-12/8(30H)	10/21-12/26	R	R-12/14(6)	A
WREN, HOUSE	-	→10/21	-	-	-	10/3	→10/28	-	-
WINTER	10/27	A-10/21(9)	10/19-12/16	11/26	-	10/22-12/30	R	11/3-12/14(2)→	A
MARSH	-	-	-	-	10/13(2)	10/8	A	10/23-12/14(15)→	A
KINGLET, GOLDEN-CROWNED	10/30→	R	A-12/16(23)	R	A-12/15(16)	10/17→	-	-	-

SEASONAL OCCURRENCE TABLES - OCTOBER THROUGH DECEMBER 2001

	POTTER	SCHUYLKILL	SOMERSET	SULLIVAN	TIOGA	VENANGO	WESTMORELAND	WYOMING	YORK
RUBY-CROWNED	P	→10/13(50)-12/22	-	-	10/30-12/15(20)	10/3-30	→11/11	→12/14	A
THRUSH, GRAY-CHEEKED	-	-	-	-	-	-	→11/3	-	-
SWAINSONS	-	-	-	10/3	-	10/10	→10/23	-	→10/21
HERMIT	→10/17	A	10/20	-	→12/15L	10/18-24	10/28(30)	-	10/2-24
WOOD	→10/5	R	A-10/27(7100)	A	→12/15	A	→10/7	-	-
ROBIN, AMERICAN	A	→10/20	10/5(5)	→10/8	10/1	→10/8	A	A-12/14(323)	R
CATBIRD, GRAY	→10/13	→10/21	10/18-24	-	-	-	10/4	→12/14	→10/20
THRASHER, BROWN	-	10/22-11/3	-	-	-	10/19-11/15	-	-	11/1-17
PIPT, AMERICAN	-	-	-	-	-	-	-	-	→10/10
WARBLER, TENNESSEE	-	10/20	10/5	-	-	-	→10/18	-	-
ORANGE-CROWNED	→10/8	→10/21	10/5	-	-	10/8	→10/19(3)-20	-	-
NASHVILLE	-	→10/1	-	-	-	-	→11/3	-	→10/13
MAGNOLIA	-	→10/11	-	-	-	-	→10/20	-	-
BLACK-THROATED BLUE	→10/30	A	10/20(6)	-	→10/30	10/8-30	→10/5	→10/23(12)-12/14	→10/16
YELLOW-RUMPED	-	→10/15	10/5	-	-	10/21-11/3	→10/13	-	→10/20
BLACK-THROATED GREEN	10/5	10/13	10/20(2)	-	-	10/8-13	10/12	-	-
PINE	→10/10	→10/25	-	-	-	-	→10/28	-	-
PALM	-	→10/13	-	-	-	10/8	→10/18	-	→10/2
BLACKPOLL	-	-	-	-	-	-	→10/20	-	-
OVENBIRD	-	10/5	-	-	-	-	→10/20	-	-
WARBLER, CONNECTICUT	-	→10/13	10/5(2)	-	-	→12/2	→10/28	→12/14	-
YELLOWTHROAT, COMMON	→10/13	→10/4	-	-	-	-	-	-	-
TANAGER, SCARLET	A	→10/21	P	-	→10/10	→10/20	-	-	→10/9
TOWHEE, EASTERN	10/14→	11/14→	11/9-12/16(39)	-	10/28-12/15(132)→	11/3→	11/6→	11/20-12/14(224)→	12/19-29(6)
SPARROW, AMERICAN TREE	→10/27	→10/13	11/10	→10/29	→10/22	→11/3	→11/10	-	→10/11
CHIPPING	→10/15	A	P	-	→10/20	10/7-12/22	A	-	R
FIELD	-	-	-	-	-	-	P	-	-
VESPER	→10/15	-	-	-	-	10/8-20	P	-	-
SAVANNAH	→10/15	-	12/9(3)	→10/3	-	10/20	P	-	-
GRASSHOPPER	-	-	-	-	-	-	-	-	-
FOX	10/13-11/20	10/24-11/23	P	-	11/2-10	11/3-25	10/10-12/16	12/8	11/16→
LINCOLN'S	→11/11	→10/4	10/5	-	10/22	10/4-21	→10/5(3)-21	11/20	-
SWAMP	→10/28	A	11/17(4)	-	→12/15	10/8-12/23	→10/28(29)→	→12/14	R
WHITE-THROATED	→12/30(2)	A	12/16(9)	A	10/19-12/15(14)	10/3→	→10/23(105)→	A-12/14(84)	A
WHITE-CROWNED	→10/30	10/8→	10/17-12/6L	-	10/9-22(6)-12/15	10/8-12/1	A	R	12/5-15
JUNCO, DARK-EYED	A	A	A-12/16(254)	R	A-12/8(100)	R	A	R-12/14(231)	A
LONGSPUR, LAPLAND	10/2→	-	-	-	-	12/18	-	-	-
BUNTING, SNOW	10/15→	10/28-12/10	-	-	-	-	→10/5	-	11/27-12/24
GROSBEAK, ROSE-BREADED	-	-	-	-	-	-	-	-	-
BUNTING, INDIGO	-	→10/2	10/5(2)	-	-	10/8	→10/17	-	-
BLACKBIRD, RED-WINGED	A	→11/22	P	-	→12/15	→11/9	-	→12/14	R
MEADOWLARK, EASTERN	A	10/20-23	11/7(12)	-	10/1	11/9	A	→10/13	-
BLACKBIRD, RUSTY	-	-	11/17	-	10/11-12/15	10/13	→12/6	10/23-12/2	11/13
GRACKLE, COMMON	→12/16	-	12/16(36)	P	→10/19	→10/3(15)-28	A	→11/4	R
COWBIRD, BROWN-HEADED	A	→11/13	P	-	11/17-12/15	→12/8	A	→10/23	R
FINCH, PURPLE	A	A	10/17-12/16(24)	R	10/1	10/8→	A	R	A
CROSSBILL, RED	-	10/28-11/19	-	-	-	-	P	-	-
WHITE-WINGED	11/7-12/22	10/28-12/20	-	-	-	10/31-12/5	11/5-12/16	11/13-25	-
REDPOLL, COMMON	11/22	10/31-12/15	-	-	12/15(4)	-	-	11/3→	-
SISKIN, PINE	A	A	P- (40)	10/30(12)	11/1-12/15(25)	10/4-12/30(25)→	10/10-28(61)	10/23-12/26	11/12
GROSBEAK, EVENING	10/21→	10/27-11/19	P- (20)	10/16-11/9(13)-12/20	10/28-11/1	11/3-23	10/22-12/16	10/23(2)	-

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