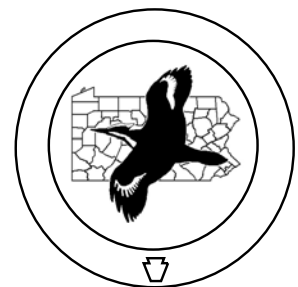


# PENNSYLVANIA BIRDS



Volume 14, No. 3  
Jul - Sep 2000  
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# PENNSYLVANIA BIRDS

Journal of the Pennsylvania Society for Ornithology

**VOLUME 14, NUMBER 3, JUL – SEP 2000**

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COVER: Rufous Hummingbird, Minersville, *Schuylkill*, 09/26/2000.

Photo by Eric Hynes.

## from the Editors...

### Pennsylvania Birdlists

The form for reporting your annual and life lists is inside the back mailing cover of this issue.

Please note the additional category of **PA Life List (Unassisted)**. This is the number of species of birds that you have recorded in Pennsylvania without the assistance of others. In other words, birds that you have found on your own without knowing ahead of time that they were there.

For instance, if you get a call that there is a Red-necked Grebe at Lake Whatchamacallit and you go out and see it, that does not count. If, however, you are birding at Lake Whatchamacallit and you happen to see a Red-necked Grebe, (with no foreknowledge that it was there) that's okay.

Also, if your first Snowy Owl in the state was a bird that was reported by someone else, but since then you have found one on your own, then that is okay.

Another example: If you are on a visit to Presque Isle and you run into someone who says there is a kittiwake out at the Coast Guard jetty and you run out there and get it, that does not count. You might say that you were going to go out there anyway, but had you not received that tip, you may not have gone out there right away and may have missed it.

Use your best judgement—this is the first time we are trying this—but be true to yourself.

### Transition

The transition to a new team of editors is going well. We will be

announcing the new line-up in the next issue. Be rest assured that the magazine will continue and will maintain the quality standards that we established over the last fourteen years.

### Annual PSO Meeting

The annual Pennsylvania Society for Ornithology meeting will be in State College, May 18-20, 2001. The programs and field trips being lined up are going to be terrific and you won't want to miss it. Mark your calendar now! More details in the next issue.

### Breeding Bird Atlas

Do you realize that the last year of field work for Pennsylvania's Breeding Bird Atlas was in 1989 — 11 years ago?

There is now a discussion going concerning updating the atlas starting in a few years. A lot has changed in some portions of the state in these last 11 years and it will be fascinating to compare results.

If you peruse the summer reports in *Pennsylvania Birds*, you will see many species not reported that were reported (and confirmed) as breeders in some counties during the atlas period. Some of this is due to a lack of observers and the habit of ignoring common species when reporting. But some of this is also due to changes in habitat — especially in urban/suburban counties.

A new round of atlasing would bring increased observer effort to many of our under-birded counties and might energize local birders to

send in more subsequent reports. It might also lure new birders to fill in the current vacant county compiler jobs.

Atlasing will also bring new attention to the status of common and uncommon birds in each county to get a more realistic summer report.

We thoroughly enjoyed atlasing when it was being done and highly recommend it to any new birders (or old ones!) who did not take part last time around.

Whether or not a new round of atlasing will take place in the near future is still up in the air, but we strongly endorse the idea and will enjoy putting many field-hours of effort into the project.

### Articles Wanted

We publish articles when we receive them, so sometimes we have a surfeit (like last issue), and other times a drought (like this issue). We welcome all articles, from serious to humorous. You do not have to be a great writer — that's what editors are for.

So if you have a subject in which you are interested, others are probably interested too. All that we ask is that the article be typewritten or computer generated (no handwritten articles, please).

You can send us a type/printed copy or send it via e-mail. ✉

*Frank & Barb Haas*  
Chief Editors

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# Nestbox use by American Kestrels (*Falco sparverius*) and European Starlings (*Sturnus vulgaris*) in Eastern Pennsylvania

by Ursula Valdez, Sue Robertson, Bob Robertson, and Keith L. Bildstein

**Abstract.** - In 1992-1997, American Kestrels (*Falco sparverius*) using nestboxes in farmlands in an approximately 500-km<sup>2</sup> study area in eastern Pennsylvania, had annual nestbox occupancy rates of 38 to 53% ( $x = 44\%$ ), annual nesting success rates of 58 to 83% ( $x = 72\%$ ), and a tendency to occupy boxes with nest openings directed to the south and west. In addition to American Kestrels, Eastern Screech-Owls (*Otus asio*), European Starlings (*Sturnus vulgaris*), white-footed mice (*Peromyscus leucopus*), and eastern grey squirrels (*Sciurus carolinensis*) also occupied nestboxes. Starlings, which were by far the most common nontarget species (71% of nontarget occupants), had occupancy rates of from 15% to 29%, annually ( $x = 20\%$ ). Kestrels were more likely to nest in nestboxes attached to barns, sheds, and poles (as opposed to trees) than were starlings. Kestrels, but not starlings, demonstrated a preference for nestboxes that opened to the south and west. The relatively stable annual occupancy rates of kestrels and starlings using our nestboxes in 1992 through 1997 suggests that an equilibrium in nestbox use existed between the two species at the time of our observations.

The American Kestrel (*Falco sparverius*) is the most widely distributed common diurnal bird of prey in the New World (Cade 1982, del Hoyo et al. 1994). The species, which regularly occurs in human-modified landscapes, including farmlands and suburban areas where it feeds on insects, mice, and occasionally birds, is a secondary cavity nester that breeds in old woodpecker holes, holes in earthen banks, and other natural cavities (Cade 1982, Bird and Palmer 1988, del Hoyo et al. 1994). American Kestrels readily adapt to nesting in nestboxes (Nagy 1963, Heintzelman and Nagy 1968, McArthur 1977, Bloom and Hawks 1983, Varland and Loughin 1993, Bortolotti 1994), making them one of the more widely studied raptors

in the world (Brown 1976, Bird and Bowman 1987).

American Kestrels have been breeding in nestboxes in the farmlands of eastern Pennsylvania near Hawk Mountain Sanctuary since the early 1950s (Nagy 1963, Heintzelman and Nagy 1968, Wiehn et al. 1997). By the mid-1990s, more than 250 nestboxes had been erected in farmlands surrounding the Sanctuary (Bildstein 1996). Every year, some of the boxes erected for kestrels have been used by grey squirrels (*Sciurus carolinensis*), white-footed mice (*Peromyscus leucopus*), Eastern Screech-Owls (*Otus asio*), and European Starlings (*Sturnus vulgaris*). European Starlings, in particular, are known to use and compete with kestrels for nestboxes erected for the latter (Bechard and Bechard 1996, Van Balen et al. 1982, Weitzel 1988, Wilmers 1987).

Here, we report on kestrel nesting success, the use of kestrel nestboxes by kestrels and non-target species, and on characteristics of nestboxes used by kestrels and starlings (the principal non-target species using nestboxes) in the northern half of our approximately 1000-km<sup>2</sup> study area in eastern Pennsylvania in 1992-1997.

## METHODS

**Study area.** - The portion of our study area used in this analysis consists of approximately 500 km<sup>2</sup> of farmlands north of US Interstate 78 in northern Berks, northwestern Lehigh, and southeastern Schuylkill counties, eastern Pennsylvania. The area, which lies within the Eastern Deciduous Forest Biogeographical Province (Udvardy 1984), is characterized by warm and humid summers (mean minimum-maximum temperatures of 16-30 C° in July) and cold winters (mean minimum-maximum temperatures of 2-7 C° in January). Annual precipitation averages 110 cm, including 75 cm of snow (Yarnal 1989).

Nestboxes are made of untreated pine (*Pinus spp.*) or cedar (*Cupressus*

*spp.*), and are 26 cm deep, 24 cm wide, and 33 cm high, with 7.6 cm diameter entrance holes centered 26 cm above the floor of the box. Most boxes have been erected in relatively open farmland adjacent to or over mowed grasslands and meadows. Nestboxes are mounted 3-6 m above the ground and, with few exceptions, each box is at least 0.5 km from its nearest neighbor. All boxes are within 50 m of the nearest road, usually with their opening away from the road. Eighty-nine percent of the boxes are mounted on trees; the remaining boxes are on barns, sheds, and utility poles.

Nestboxes are cleaned and new nesting material (wood chips) is added in March. Boxes are checked for activity beginning in mid-April. All mice and squirrels found in boxes, and any associated nesting materials, are removed upon discovery. Starling nesting material and eggs also are removed upon discovery, but starling nests with nestlings are not disturbed. Eastern Screech-Owls nesting in boxes are not disturbed. Kestrel and Eastern Screech-Owl nestlings are banded 16-20 days after hatching.

For purposes of data analysis, we classified nestboxes as being mounted on trees or on barns, sheds, and poles, and with openings to the north, south, east, and west. We also characterized nestboxes mounted on trees according to the genus of the tree.

## RESULTS

**Occupancy rates and nesting success.** - Between 1992 and 1997, 96 to 112 nestboxes ( $x = 107.86$ ;  $SD = 5.9$ ) were available to kestrels each year for a total of 647 nestbox years. In addition to American Kestrels, one or more European Starlings, Eastern Screech Owls, grey squirrels, and white-footed mice, used nestboxes each year (Table 1). American Kestrels occupancy rates ranged from 38% in 1994 to 53% in 1995 ( $x = 44\%$ ). European Starlings occupancy rates ranged from 15% in 1996 to 29% in

1992 ( $\bar{x} = 20\%$ ) (Fig. 1). Occupancy rates for both species did not change significantly during the six years of our study ( $r^2 = 0.136$ ,  $df = 4$ ,  $p > 0.05$ ). American Kestrel nesting success (measured as the percentage of occupied boxes in which nestlings were banded) and reproductive activity are

walnuts (*Juglans spp.*) (37%), and other species (*Robinia pseudoacacia*, *Catalpa sp.*, *Liriodendron tulipifera*, and *Acer spp.*) (13%). Neither kestrels nor starlings used trees disproportionate to their availability ( $X^2 = 6.33$ , and  $X^2 = 3.32$ ,  $df = 5$ ,  $p > 0.01$ , for kestrels and starlings

use of nestboxes placed on trees versus those on barns or poles, American Kestrels use of nestboxes on barns, sheds and poles was slightly higher than their use of nestboxes on trees, a result that also is consistent with previous reports (Stahlecker and Griese 1979, Toland and Elder 1987).

#### Conservation Implications.

American Kestrel populations appear to be decreasing in southern New England and several mid-Atlantic states (Illif 1999, Perkins 1999). The implementation of nestbox programs provides opportunities to increase kestrel reproductive output and thus, potentially, breeding populations (Toland and Elder 1987, Rohrbaugh 1994, Anonymous 1997). The results of our study suggest that placing nestboxes on barns, sheds or poles rather than on trees increases their use by kestrels, as does facing the boxes towards the southwest. As neither of these site characteristics appears to be favored by starlings, the kestrels chief competitors for nestboxes in our area, we recommend both characteristics be employed in new kestrel nestbox programs.

Finally, we also suggest that although the removal of starling nestlings may enhance kestrel reproductive output regionally, it is not necessary to do so in instances where volunteers associated with nestbox programs are reluctant to kill nestling starlings.

Table 1. Numbers of kestrel nestboxes occupied in eastern Pennsylvania, 1992-1997.

	1992	1993	1994	1995	1996	1997	Total
Numbers of boxes	96	111	110	109	109	112	647
American Kestrel	38	48	42	58	49	48	283
European Starling	28	24	18	19	16	20	125
Eastern Screech Owl	1	0	0	4	1	2	8
White-footed mouse	1	1	0	1	1	4	8
Grey squirrel	2	4	8	1	9	10	34
All species	70	77	68	83	76	84	458

given in Table 2.

**Nestbox orientation.** - Twenty-six percent of all nestboxes had openings facing north, 41% facing south, 17% facing east, and 16% facing west. Kestrels used 46% of nestboxes facing south and 61% of those ones facing west, but only 33% and 37% of boxes facing north and east respectively ( $X^2 = 12.41$ ,  $df = 3$ ,  $p > 0.05$ ). Starlings used 22% of nestboxes facing north, 24% of those ones facing east, 17% of those facing west and 15% of those facing south ( $X^2 = 3.53$ ,  $df = 3$ ,  $p > 0.05$ ). Kestrel and starling occupancy rates differed depending on nestbox orientation ( $X^2 = 11.32$ ,  $df = 3$ ,  $p > 0.05$ ) (Fig. 2).

**Nestbox support.** - During our study, 89% of all nestboxes were attached to trees and 11% were attached to barns, sheds, and poles. Kestrels used 42% of the nestboxes on trees and 55% of those mounted on barns, sheds, and poles. Starlings used 20% of boxes placed on trees, and 11% of those on barns, sheds, and poles. Although neither kestrels ( $X^2 = 0.62$ ,  $df = 1$ ,  $p > 0.05$ ) nor starlings ( $X^2 = 2.24$ ,  $df = 1$ ,  $p > 0.05$ ) demonstrated a significant difference in their use of boxes mounted on trees versus those mounted on barns, sheds, and poles, the two species differed significantly in their relative use of boxes based on this habitat characteristic ( $X^2 = 5.89$ ,  $df = 1$ ,  $p > 0.05$ ).

During our study, nestboxes were mounted on six types of trees, ashes (*Fraxinus spp.*) (13%), cherries (*Prunus spp.*) (10%), oaks (*Quercus spp.*) (6%), hickories (*Carya spp.*) (21%), and

respectively).

## DISCUSSION

Research suggests that kestrels select nestboxes based on a variety of general nest site characteristics, including vegetation around the box, box orientation, the structure to which the box is attached, and temperature and light levels in the box (Bloom and Hawks 1983, Bortolotti 1984, Curley et al. 1987, Rohrbaugh 1994, Toland and Elder 1987). Our results support studies which report that kestrels prefer south-facing boxes, a preference believed to be associated with higher levels of interior light and protection

Table 2. American Kestrel reproductive activity in eastern Pennsylvania, 1992-1997.

Year	Number of Boxes used	Mean clutch size	Mean hatching date	Mean brood size'	% of success <sup>c</sup>
1992	38	4.4+0.76a	5 Jun + 18a	2.3+2.1 a	58
1993	48	4.8+0.81	30 May + 12	3.5 + 1.9	81
1994	42	4.5+0.94	29 May + 16	3.5+ 1.8	83
1995	58	4.7+0.85	23 May + 15	3.1 +1.9	79
1996	49	4.3+0.96	7 Jun + 12	2.5+2.1	67
1997	48	4.7+0.61	29 May + 10	3.7+ 1.3	63
All years	283	4.6+0.85	30 May + 15	3.1 + 1.9	72

a Mean  $\pm$  standard deviation.

b At nestling banding age (16 to 20 days old).

c Percentage of boxes where nestlings banded at > 16 days were believed to have fledged.

from inclement weather (Balgooyen 1976, Curley et al. 1987, Rohrbaugh 1994). This choice also could be associated with the fact that in natural conditions, kestrels frequently use woodpecker cavities, most of which face south (Conner 1975, Inouye 1976).

Although we failed to detect significant differences in the relative

## ACKNOWLEDGMENTS:

We thank Hawk Mountain Sanctuary personnel, volunteers, and interns, particularly Jorge Aguilar and Adrien Tanguay for their assistance in the field. Ursula Valdez was supported by a Hawk Mountain Sanctuary

internship during her fieldwork in the project. This is Hawk Mountain Sanctuary contribution number 44.

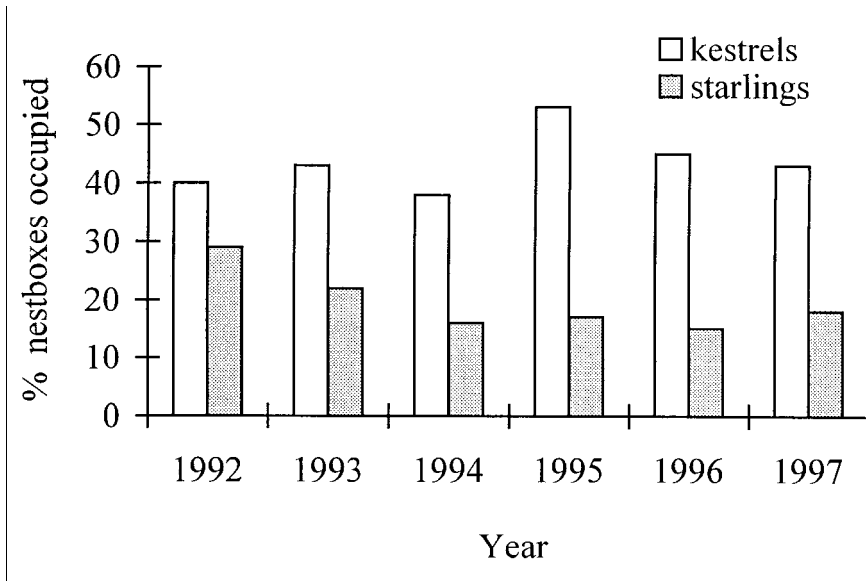


Figure 1. Percentage of nestboxes occupied by American Kestrels and European Starlings in eastern Pennsylvania, 1992-1997

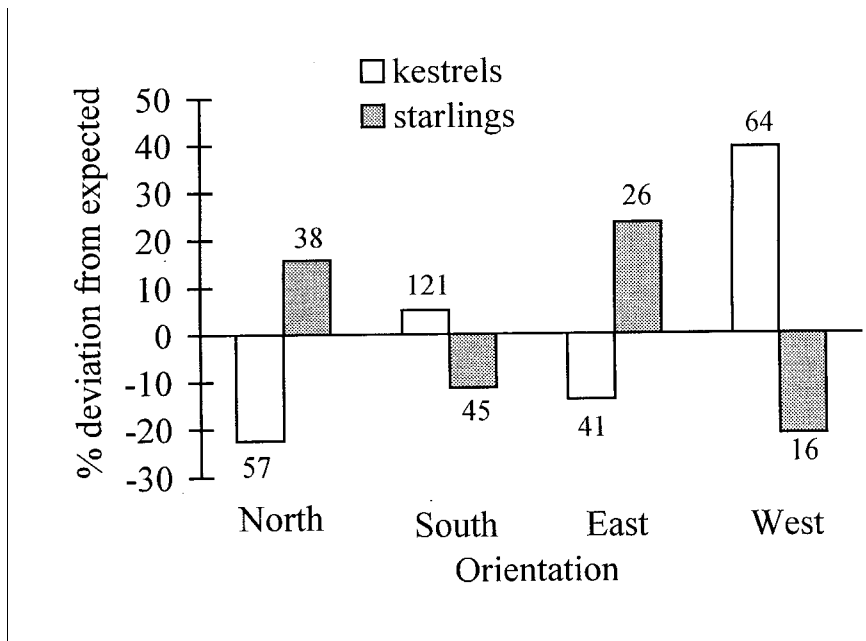


Figure 2. Percent deviation from expected for nestboxes opening to the N, E, S, and W that were occupied by American Kestrels and European Starlings in eastern Pennsylvania, 1992-1997. Numbers above or below bars represent the total numbers of occupied boxes.

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## Summary of the Season - July through September 2000

---

**Common Loons** nest only about 100 miles north of our state, so when they are found in Pennsylvania in summer, they raise speculation about breeding here. There are at least three documented records of nesting in this state — all in the Poconos, and no more recent than 1955 — so it certainly is possible.

There are summer records of every year, but it appears to us that summer records of Common Loon have been increasing in recent years, although there has been no evidence of breeding. This year there were 5 July records, 2 in August, and 5 in September. Of course, the September records are likely early migrants, but the July and August records are more interesting.

The question is: Is this just an anomaly or a trend?

Another waterfowl breeding record of note was a pair of **Ring-necked Ducks** in *Lebanon*. This is the first breeding record since 1936 at Pymatuning (*Crawford*). See *Local Notes* for more details.

The three **Eared Grebes** in *Butler* were a high count for one location in the state.

A **White Ibis** stayed for four days in *Juniata*, while single **Glossy Ibis** were reported in *Berks*, *Luzerne*, and *Mercer*.

Tagged **Trumpeter Swans** from the various mid-western reintroduction programs continue to be recorded in the state, this quarter in *Somerset*.

Other out-of-season waterfowl included a **Greater White-fronted Goose** in *Wyoming* and a **Common Goldeneye** in *Dauphin*.

Neither the **American Swallow-tailed Kite** (*Erie*) nor

the **Mississippi Kite** (*Berks*) were documented, but they fit the kite patterns that have been developing in recent years.

Another hawk of note was an unusual dark morph **Broad-winged Hawk** in *Lancaster*.

It is unknown if **King Rails** still nest in this state, and there were no breeding season records this year, but a migrant hung around *Westmoreland* for three days in September.

A **Piping Plover** at Washington Boro (*Lancaster*) stayed around for a week, allowing many to see it. A **Ruff**, however, stayed less than a day in *Berks*.

**American Avocets** were recorded in five counties and a **Willet** was found in *Westmoreland*.

**Hudsonian Godwit** sightings have become more uncommon in recent decades, so the *Erie* and *York* reports were exciting.

There were two reports of **Common Ground Dove**, one in *Clarion* and one in *Juniata*. Unfortunately, neither stayed around for more than a day.

A tantalizing report of **Black-chinned Hummingbird** (videotaped) in *Tioga*, combined with the spring report from *Carbon* lends credence to these sightings, but the documentation is pending review.

**Rufous Hummingbird** reports are always examined closely if in immature or female plumage, but an adult male in *Schuylkill* posed no identification problem.

A very cooperative **Western Kingbird** was found in *Lancaster*.

The **Townsend's Solitaire** in *Montgomery* adds to the increasing number of records in recent years.

Another species being reported more frequently in recent years is **Kirtland's Warbler**. The bird reported in *Northampton* was the third report in five years.

**Clay-colored Sparrows** continue to breed in *Clarion*.

The **Nelson's Sharp-tailed Sparrow** netted and banded in *Westmoreland* provided one of the few records away from the Susquehanna River in the state.

**Pine Siskins** were reported in July and August in a number of counties. This species is known to breed in the state sporadically, as is **Evening Grosbeak** which was reported in July in *Adams*.

There were **263** species reported this quarter, slightly higher than last year's 258, and equal to the 10-year average of 263. We received partial or complete reports from **52** counties.

Thanks again to our hard-working county compilers! ♣

*Frank & Barb Haas*



# Birds of Note - July through September 2000

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

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.

**Horned Grebe** - *Bucks*: 1 on 9/21 at Peace Valley Park (August & Judy Mirabella); *Tioga*: 1 on 9/22 at Crooked Creek Wetlands (Joanna Stickler).

**Eared Grebe** - *Butler*: 3 on 9/10 at Lake Onieda (Dave Darney, Debbie Yovanovich)

**American Bittern** - *Armstrong/Clarion*: 1 on 9/16 at Brady's Bend (Mark McConaughy); *Philadelphia*: Present from 7/16-30 at John Heinz NWR at Tinicum; *Westmoreland*: Present part of the quarter; *York*: 1 on 8/20 at Brunner's Island (Al Spiese) and 1 on 8/25 at Codorus State Park (Ed Kurtz).

**Least Bittern** - *Cambria*: 1 on 7/7 at Prince Gallitzin State Park (John Salvetti); *Delaware*: Present part of the quarter; *Erie*: Present part of the quarter; *Philadelphia*: Present up to 8/12 at John Heinz NWR at Tinicum.

**Tricolored Heron** - *Dauphin*: 1 on 9/4-9/24 on the Susquehanna River at Harrisburg (Nancy & Carl Juris, Ramsay Koury)

**Cattle Egret** - *Bucks*: 1 on 8/21 at Kintersville (Bob Friederman); *Chester*: 2 on 8/3 at Church Farm School (Bill Elrick)

**Yellow-crowned Night-Heron** - *Centre*: 1 on 9/14 at Bald Eagle State Park (Cecil Hazlett, et al.) and 1 on 9/15 at Stormstown (Don Bryant); *Cumberland*: Present all quarter; *Dauphin*: Present part of the quarter.

**White Ibis** - *Juniata*: 1 on 9/20-24 at Mifflintown (James Stoner).

**Glossy Ibis** - *Berks*: 1 on 9.28 at Blue Marsh Lake (no desc)(Harold & Joan Silagy); *Luzerne*: 1 on 8/6 at Plymouth Flats (Richard Koval); *Mercer*: 1 on 9/23 at Shenango River Reservoir (m. obs.)

**Greater White-fronted Goose** - *Wyoming*: 1 on 7/22 at Braintrim Twp. (Stanley Galanty)

**Trumpeter Swan** - *Somerset*: 1 in September at Berlin had a tag #T62 (m. obs.).

**Tundra Swan** - *Tioga*: 1 on 7/5 at The Muck (Joanna Stickler).

**Gadwall** - *Cambria*: 2 on 9/29 at Colver (John Salvetti); *Crawford*: 1 on 7/29 at Pymatuning Fish Hatchery (Ron Leberman); *Cumberland*: 2 on 9/28 at West Fairview (Deuane Haffman); *Erie*: 1 on 7/3 at Presque Isle State Park (Jerry McWilliams)

**American Wigeon** - *Berks*: 4 on 9/29 at Glen Morgan Lake and through the quarter (Ken Lebo); *Crawford*: 1 on 8/26 at Pymatuning (Marvin Byler) and 9 on 9/30 (Ron Leberman); *Dauphin*: 3 on 9/20 on the Susquehanna River at Harrisburg (Ramsay Koury); *Erie*: Present part of the quarter.

**Lesser Scaup** - *Beaver*: 1 on 7/20 (Bill Hintze); *Berks*: 2 on

7/2 at Shartlesville and through the quarter (Matt Wlasniewski); *Luzerne*: 2 on 9/16 at Harvey's Lake.

**White-winged Scoter** - *Erie*: 3 on 9/16 and 1 on 9/21 at Presque Isle State Park (Randy Stringer, Jerry McWilliams)

**Common Goldeneye** - *Dauphin*: 1 on 8/17 on the Susquehanna River at Harrisburg was unusually early (Grace Randolph)

**Red-breasted Merganser** - *Erie*: Present part of the quarter.

**American Swallow-tailed Kite** - *Erie*: 1 on 9/10 at Girard Twp (no desc.) Randy Donn

**Mississippi Kite** - *Berks*: 1 on 7/5 at Leesport (no desc)(Jason Horn)

**Broad-winged Hawk (dark morph)** - *Lancaster*: 1 on 9/17 at Washington Boro (Jerry Book)

**Swainson's Hawk** - *Bucks*: 1 on 9/14 at Buckingham (Caroline Vogt, et al.)

**King Rail** - *Westmoreland*: 1 on 9/10-13 at Powdermill Nature Reserve (no desc.)(Laura Quattrini)

**Common Moorhen** - *Beaver*: 1 on 7/24 at Darlington (Robert Lash) and 2 on 8/27 (Bill Hintze); *Crawford*: 11 on 8/5 at Coneaut Marsh (Ron Leberman) and 26 on 9/9 at Hartstown Marsh (Marvin Byler); *Erie*: Present part of the quarter; *Montgomery*: Present all quarter at Harleysville; *Philadelphia*: Present all quarter.

**Sandhill Crane** - *Juniata*: 1 at Van Wert (Paul Renno); *Mercer*: 2 on 9/17 at Zahnizer Rd (Troyer Family).

**American Golden-Plover** - *Beaver*: 1 on 8/12 at New Galilee (Barb Dean); *Bucks*: 1 on 8/25 at Buckingham (August Mirabella) and 1 on 9/25 at Pine Run (August Mirabella); *Crawford*: 1 on 9/22 at Pymatuning (Ron Leberman); *Erie*: 1 on 9/2 and 4 on 9/21 at Presque Isle State Park (Jerry McWilliams); *Northampton*: 4 on 9/14-30 at Martins Creek (Rick Wiltraut, Mike Schall)

**Piping Plover** - *Lancaster*: 1 on 8/27-9/3 at Washington Boro (Eric Witmer, et al.)

**American Avocet** - *Erie*: 1 on 8/24 at Presque Isle State Park (Louise Chambers); *Indiana*: 1 on 9/21 at Yellow Creek State Park (Tom Fetterman); *Montgomery*: 1 on 7/15 at Green Lane Reservoir (Ralph Bordman, George Franchois); *Montour*: 1 on 7/2-5 at Montour Preserve (Bob Bleiler); *Northampton*: 2 on 7/23 at Green Pond was a 2<sup>nd</sup> county record (m. obs.)

**Willet** - *Westmoreland*: 1 on 7/28 near Mammoth Park (no desc.)(Dennis Lauffer)

**Hudsonian Godwit** - *Erie*: 1 on 9/21-30 at Presque Isle State Park (Jerry McWilliams); *York*: 1 on 7/26 at Codorus State Park (Peter Robinson).

**Ruddy Turnstone** - *Delaware*: 1 on 9/12 at Essington (Matt Sharp); *Erie*: Present part of the quarter.

**Red Knot** - *Erie*: 1 on 9/4 at Presque Isle State Park (Jerry McWilliams)

**White-rumped Sandpiper** - *Adams*: 1 on 9/14 at Mason-Dixon Rd Pond (Peter Robinson); *Beaver*: 1 on 8/6 at New Galilee (John Fedak); *Erie*: 1 on 8/27 at Presque Isle State Park (Jerry McWilliams); *Mercer*: 1 on 9/9 at

Shenango River Reservoir (Troyer Family)  
**Dunlin - Beaver:** 1 on 8/6 at New Galilee (John Fedak);  
*Erie:* Present from mid-September at Presque Isle State Park (Jerry McWilliams); *Philadelphia:* 1 on 9/24 at John Heinz NWR at Tincum.  
**Buff-breasted Sandpiper - Northampton:** 1 on 9/13 at Berry Hollow Rd was a 1<sup>st</sup> county record (Rick Wiltraut)  
**Ruff - Berks:** 1 on 8/1 at Shartlesville (Jim Eckert).  
**Short-billed Dowitcher - Beaver:** 1 on 7/18 at New Galilee (Robert Lash) and 4 on 8/6 (Robert Walczak); *Crawford:* 3 on 7/15 at Pymatuning Fish Hatchery (Ron Leberman) and 1 on 8/19 at Miller Pond (Ron Leberman); *Erie:* Present part of the quarter; *Montgomery:* 3 on 7/15 and 1 on 7/29 at Green Lane Reservoir (Ralph Bordman, Kevin Crilley); *Northampton:* 22 on 7/26 at Green Pond (m. obs.); *Philadelphia:* 1 on 7/15 at John Heinz NWR at Tincum.  
**Long-billed Dowitcher - Beaver:** 3 on 8/6 at New Galilee (Robert Walczak); *Crawford:* 3 on 8/19 at Miller Pond (Neil Troyer, Marvin Byler).  
**Wilson's Phalarope - Crawford:** 1 on 9/16 at Pymatuning Fish Hatchery (Ron Leberman); *Juniata:* 3 on 9/12 at Shade Mountain (Ben & Cora Wengerd)  
**Laughing Gull - Bucks:** 1 on 9/8 at Penn Manor (August Mirabella); *Delaware:* Present all quarter with a high of 20 on 9/12 at Essington (Nick Pulcinella); *Philadelphia:* Present from 7/16-30 at John Heinz NWR at Tincum.  
**Bonaparte's Gull - Erie:** Present part of the quarter; *Lebanon:* 1 on 8/13 at Memorial Lake (Bruce Weaver); *York:* 4 on 8/20 at Codorus State Park (Fred Clark).  
**Lesser Black-backed Gull - Bucks:** Present all quarter; *Northampton:* 1 on 9/14 at Martins Creek was early (Rick Wiltraut).  
**Common Tern - Berks:** 1 on 8/14 at Blue Marsh Lake (Katrina Knight); *Butler:* 1 on 8/25 at Moraine State Park (Dave Darney, Debbie Yovanovich); *Crawford:* 1 on 9/16 at Tamarack Lake (Ron Leberman); *Erie:* Present part of the quarter; *Montgomery:* 1 on 7/29 at Green Lane Reservoir (Kevin Crilley)  
**Black Tern - Bucks:** 2 on 9/13 at Van Sciver Lake (Bruce McNaught); *Crawford:* 1-2 on 7/26-8/1 at Pymatuning Fish Hatchery (Ron Leberman, Marvin Byler); *Dauphin:* 2 on 8/30 on the Susquehanna River at Harrisburg (Ramsay Koury); *Delaware:* 1 on 9/12 at Essington (Matt Sharp); *Erie:* Present part of the quarter.  
**Common Ground Dove - Clarion:** 1 on 8/30 at Middle Run was a 1<sup>st</sup> county record (John Fedak); *Juniata:* 1 on 9/6 at Mifflintown (no desc.) (Aden Troyer)  
**Short-eared Owl - Clarion:** Present all quarter with a high of 5 on 7/28 at Curllsville (Walter Fye)  
**Black-chinned Hummingbird - Tioga:** 1 on 8/13 at Jobs Corners. Video was taken of this bird and will be reviewed by PORC. If accepted, it would be the 1<sup>st</sup> documented record for the state (Larry Brown)  
**Rufous Hummingbird - Schuylkill:** 1 on 7/25-28 at Minersville was a 1<sup>st</sup> county record (Arleen DiSarro, Eric Hynes).  
**Western Kingbird - Lancaster:** 1 on 9/30 near Farmersville (F Habegger, J&P Witmer, m.ob.)

**Townsend's Solitaire - Montgomery:** 1 on 9/30 in Pottstown (Allan Bruce, Carolyn Bruce, Steven Bruce)  
**American Pipit - Erie:** Present from late September at Presque Isle State Park; *Huntingdon:* 5 on 8/18 at Huntingdon (David Kyler); *Mercer:* 4 on 9/23 at Shenango River Reservoir (Troyer Family)  
**Kirtland's Warbler - Northampton:** 1 on 8/26 at Williams Twp. is a 1<sup>st</sup> county record (Arlene Koch).  
**Prothonotary Warbler - Bucks:** 1 on 8/18 at Silver Lake (Doug Filler); *Dauphin:* 1 on 7/21 at Gratz (Bill Reid)  
**Summer Tanager - Dauphin:** 1 on 7/2 at Hershey (Nancy & Carl Juris); *Greene:* Present part of the quarter.  
**Clay-colored Sparrow - Clarion:** Present all quarter with a high of 5 or 6 on 7/11 at Mount Zion (m. obs.)  
**Nelson's Sharp-tailed Sparrow - Westmoreland:** 1 netted on 9/30 at Powdermill Nature Reserve (Robert Leberman, Robert Mulvihill, Darlene Madarish)  
**White-crowned Sparrow - Tioga:** 1 on 9/29 at Jobs Corners (Larry & Arlene Brown); *Venango:* 1 on 9/29-30.  
**Dickcissel - Adams:** 1 on 7/9 at Pumping Station Rd (Jack & Nancy Locher); *Berks:* a belated report of 1 on 6/18 at Lyons (Catherine Elwell); *Indiana:* 2 on 7/4-14 at West Lebanon (Margaret Higbee et al.); *Juniata:* 1 on 7/23-29 at Mifflintown (Aden Troyer).  
**Rusty Blackbird - Crawford:** 1 on 9/27 at Hartstown Marsh (Marvin Byler) and 1 on 9/30 at Conneaut Marsh (Ron Leberman)  
**Pine Siskin - Clinton:** Present all quarter ; *Dauphin:* 1 on 8/17 at Stony Creek Valley was early (Barb Huffman); *Huntingdon:* 1 on 7/14 at Huntingdon (David Kyler); *Luzerne:* Present part of the quarter; *Somerset:* 1-2 in late July-August at Jeff Payne's; *Warren:* 1 on 7/24-31 at Saybrook (Marge Neel).  
**Evening Grosbeak - Adams:** 1 on 7/11 at Table Rock Rd (Kathy Serfass)

## Local Notes

### Adams County

There were 115 spp reported, including 14 species of shorebirds and 15 species of warblers. The same quarter last year there were 109 species reported, including 22 species of warblers.

Two **C. Loon** were found at Long Pine Run Res. on 8/30 (B Keener). Two **Snowy Egret** were found 8/3 at a pond on Shriver's Comer Rd (D Siefken)

A **Bald Eagle** was seen 9/20 at Birch Run Res. (B Barnhart) and 9/22 along Pumping Station Rd (J&N Locher). On 9/14 a **Merlin** flew in to a farm pond on Mason-Dixon Road, chased a shorebird, then flew off towards the south (P Robinson). There were just two reports of **N. Bobwhite**, 7/5 on Shriver Rd (C Simon), and 8/13 on Fairground Road (DS).

Fourteen species of shorebirds were reported. Thirteen species were found during four Sept visits to a farm pond on Mason-Dixon Rd, including **Black-bellied Plover** 9/26, **Western Sandpiper** 9/14, **White-rumped Sandpiper** 9/14, **Baird's Sandpiper** 9/20, and **Stilt Sandpiper** 9/17 and 9/20 (PR). A group of 8 **Upland Sandpiper** were seen 7/8 in a field along Bigham Rd (C Krenzer).

Migrating **C. Nighthawk** were reported from 8/22 to 9/9 with a high of 24 on 8/25 at the South Mtn Fairgrounds (J Gilbert). An **Olive-sided Flycatcher** was seen 8/29 on Westminster Rd, at the eastern edge of the county (C&B Fisher).

A **Wilson's Warbler** was seen 8/26 on Mountain Rd (DS). The fewest warblers showed up this fall at Art Kennell 's back yard water garden of any of the past ten years that he has been photographing warblers there.

On 7/9 a **Blue Grosbeak** and a **Dickcissel** were found at the same location along Pumping Station Rd (J&NL). The most surprising sighting of the quarter was a ♂ **Evening Grosbeak** that was seen 7/11 at a feeder on Table Rock Rd (K Serfass).

### Allegheny County

A **Black-crowned Night Heron** was an unusual find on 8/2 in Jefferson Borough (JB) at Barati's Ponds (S Sinderson). The bird was seen again on 8/7. The **Ring-necked Duck** reported last quarter remained on the Ohio R. at McKees Rocks during the entire quarter.

An **Osprey** was seen at the Highland Park Bridge on the Allegheny R. 7/24 (S Kinzey). On 9/26 one was seen flying over Frick Park (W&D Shaffer) and 1 was also seen at McKees Rocks along the Ohio R (SK) that day. Unusual was a **Bald Eagle** flying over Natrona Heights on 9/29 (P Hess). A kettle of 20 **Broad-winged Hawk** was observed 9/26 over McKees Rocks (SK). Although Broad-winged Hawks breed in the county, migrant flocks are rarely encountered. It appears **Red-shouldered Hawk** have moved into Schenley Park in Pittsburgh. A pair was seen mating in the spring and an immature bird was seen 7/1 (K St. John).

An **Olive-sided Flycatcher** was observed at Homewood Cemetery 9/4 (M Fialkovich, D Rieger, C Childs, SK). A nice count of 19 **Swainson's Thrush** was seen at Harrison Hills Park 9/21 (PH, J&S Solomon).

A good count of 25 **Magnolia** and 18 **Black-throated**

**Green warblers** was made at Harrison Hills Park 8/26 (PH, R&S Gerrish). **Yellow Warbler** lingered until 8/2 (S Sinderson).

### Armstrong County

The Brady's Bend hawk watch provided much of the data for this report. An **Am. Bittern** seen from the hawk watch on 9/16 (M McConaughy) was a nice find. Single **Bald Eagle** were noted on 8 dates, 7 of them at Brady's Bend. Single **Merlin** were noted at BB 9/21-22 (MM). High water levels during the first two months of the quarter allowed little habitat, so few shorebirds were reported until Sept when Keystone Res. yielded the most reports. Several observers commented on the lack of gulls even on the Allegheny R. at Kittanning, where they are usually present. Seldom reported in the county, a **Red-headed Woodpecker** was seen at BB 9/14 (MM). Sept 17 was an excellent day for warblers at Keystone Res. where Steve and Shirley Graff listed 14 species including 2 **Connecticut Warbler**.

### Beaver County

A thunderstorm on 8/6 seems to have brought a great fallout of shorebirds to the Big Beaver wetlands north of New Galilee. These were observed by Barb Dean, John and Lisa Fedak, and Bob Walczak among others. The list for the day included: **Semipalmated Plover**, **Semipalmated sandpiper**, **White-rumped Sandpiper**, **Pectoral Sandpiper**, **Dunlin**, **Stilt Sandpiper**, **Short-billed Dowitcher**, **Long-billed Dowitcher**, **C. Snipe**, **Greater and Lesser yellowlegs**, and **Western Sandpiper**.

### Berks County

Abbreviations: Blue Marsh L. (BML), Glen Morgan L., New Morgan (GML), Hawk Mt. Sanctuary (HMS), L. Ontelaunee (LO), SGL-110, Kittatinny Ridge (SGL).

The 2 imm. **C. Loon** that summered at BML were last seen 8/18 (H&J Silagy). At GML 7/12, there were 18 **Pied-billed Grebe** (12 of them chicks) divided into 2 broods of 4, a brood of 2, an ad. feeding a single chick, and a chick by itself (R Keller). This was a good rebound from 1999, when none of the rarer waterbirds nested successfully at GML due to drought. **Am. Coot** did not rebound as well. On 7/12, 20 birds were there, but only 2 chicks (RK). On 7/25/98, 25 chicks in 9 broods were seen (RK). **Ruddy Duck** nested successfully, with 8 ad. and 2 or 3 downy ducklings (already deserted by the hens) seen 7/18 (RK). GML remains their only known breeding place in Pa. **Wood Duck** productivity remained high at GML—of 170 birds seen 7/18, most were juvs.

An ad. **Glossy Ibis** was spotted flying over BML 9/28 (H&JS). That was also a day of large **Canada Goose** flights in many areas, with reports totaling over 18,000 birds. A resident **Mute Swan** pair raised 4 cygnets at LO (M Spence). A **Ruddy Duck** and 2 **Ls. Scaup** spent the quarter at a farm pond on Old Rte. 22 E of Shartlesville (MS, M Wlasniewski), an unusual summer record.

The 5<sup>th</sup> **Mississippi Kite** sighting this year was of a juv. watched for several minutes flying with swallows over Leesport 7/5 (J Horn). The winds that moved the geese 9/28

also moved quarterly high counts of 16 **Bald Eagle**, 108 **Sharp-shinned Hawk**, 31 **Cooper's Hawk**, and the first **Golden Eagle** past HMS (D Barber). Down ridge at the Rt. 183 hawkwatch, 2 **N. Goshawk**, a **Rough-legged Hawk**, 3 **Peregrine Falcon**, and 2 Golden Eagles were seen that day, among other raptors (HS). The best day for **Broad-winged Hawk** was 9/20, with 1756 at HMS (E Hynes).

A **Black-bellied Plover** flew over HMS 8/28 (DB). With all lakes brimful, there was little shorebird habitat this summer. In spite of this, the Shartlesville farm pond attracted 13 shorebird spp., including goodies like a **Sanderling** 8/13 (MS), a **Western Sandpiper** 7/23 (MS), a **Baird's Sandpiper** 8/27 (MS), and single **Stilt Sandpiper** 9/3&18 (J Eckert, MS, MW). The rarest shorebird reported there was a **Reeve** 8/1 (JE), with details sent to PORC. Another very rare shorebird, a **Willet**, was seen at a pond on Kiln Rd near Hamburg 8/24 (*fide* K Grim). KG writes that his parents "...watched the bird along the shore and they described it as a large shorebird, dark (non-yellow) legs, heavy bill, no distinct marks at rest. But it flew up and gave the three-syllable call one time (and) circled, (when) the bold black and white wing pattern was obvious and unmistakable. It flew away and did not return. They are very familiar with the speices from the Delaware coast where they have seen them many times." There are two previous county records. Two or 3 **Caspian Tern** were

seen 8/12-28 (DB, S Fordyce, H&JS) and a **C. Tern** was at BML 8/14 (K Knight).

**Whip-poor-will** were found at SGL 8/26 (KG). On the evening of 9/9, about 3000 **Chimney Swift** funneled into a chimney at Reading HS (B Ulrich, ph.). The high count of **Ruby-throated Hummingbird** at HMS was 17 on 9/4 (EH); the season total there was 157. The latest was seen in Hereford Twp 9/29 (A Francisco). A **Belted Kingfisher** pair was delivering fish to their young in a burrow in a road cut bank near Albany 7/1,4 (RK), a quarter mile from their fishing creek. At least 4 **Olive-sided Flycatcher** were seen at HMS and SGL 8/20-9/7 (DB, KG, MW), and 3 **Yellow-bellied Flycatcher** during the same period. A **Least Flycatcher** at SGL 7/9 (KG) was unusual, given that nesting has not been reported since 1986. North Lookout, HMS is the most reliable spot for **Philadelphia Vireo**, which peaked at 9 on 9/17 (D Wood), with 33 on record for the season (L Goodrich).

Eight migrant **Golden-crowned Kinglet** at SGL 8/13 (KG) and a **Swainson's Thrush** at Pine Swamp, Eckville 8/14 (S Weidensaul) are the earliest on record. Regular listening for nocturnal flight calls in the hour before dawn on Sept mornings in District Twp detected some large thrush flights (RK). About 50 **Gray-cheeked Thrush** type calls were heard 9/18,25. The largest Swainson's Thrush flights passed over on 9/17 (~200 calls), 9/25 (~350 calls), and 9/27 (~300 calls). A Gray-cheeked Thrush was seen in Bern Twp 9/30 (E Barrell). An established **Am. Robin** roost near Shillington was only beginning to swell 9/5, when 1077 robins flew in (DB).

Birders reported 29 warbler spp., the greatest number and variety on the Kittatinny. The most unusual was a **Brewster's Warbler** near Leesport 8/30, where the only 3 **Mourning Warbler** were also seen 8/19, 9/11,25 (D Kendall). Single **Connecticut Warbler** were at BML 9/17 (KK) and SGL 9/24 (KG). One of the best local places to see

fall warblers well is N. Lookout, HMS in the first few hours after dawn on an early to mid-Sept morning. On a good day, several spp. and often high numbers can be seen as the birds forage at or below eye level in the low trees and shrubs among the boulders.

Two **Vesper**, 8 **Savannah**, and 13 **Grasshopper sparrows**, 13 **Bobolink**, and 7 **E. Meadowlark** were singing in the grass hayfields of Windsor Twp in n. Berks 7/13 (KG). Two **Lincoln's Sparrow** were at BML 9/23 (MW), and 1 at N. Lookout, HMS 9/29 (DB). An ad. **Dark-eyed Junco** was seen a mile n. of the Port Clinton fire tower 7/8 (KG). Ad. and juv. juncos have been found in this area in the nesting season in past years. **Blue Grosbeak** were not reported till July, when an imm. male sang near Albany 7/1,5 (RK). Two males were at BML 7/6, and others 9/9 (H&JS). An undulating blackbird flock 4 mi. long flying to roost near Shartlesville 9/4 was estimated to contain 10,000 birds (LG).

#### *Bucks County*

A **Yellow-crowned Night Heron** was at Peace Valley (PV) from 8/19-30 (A Mrabella). A **Swainson's Hawk** was reported at Buckingham 9/14 (C Vogt, M Halderman, G Rowe, 0 Jarvis).

A **Horned Grebe** was reported at PV on 9/21 (A&J Mirabella). **Snowy Egret** were at Bradford Dam on 7/3 (R French), PV 8/19 & 26 (AM), and Chalfont on 9/24 (RF). A **Little Blue Heron** was at PV 8/6 (D Ford) and 8/12 (B Lishman). A **Cattle Egret** was at Kintersville on 8/21 (B Friederman). **Blue-winged Teal** were at Bradford Dam 8/17 (RF) and PV 9/21 (A&JM). **N. Shoveler** were reported at Chalfont 9/17 (RF) and PV 9/21 (A&JM). During the quarter there were reports of 65 **Bald Eagle** including 55 during the SEPT hawk count. A **N. Goshawk** was reported on 9/24 at the Buckingham SEPT site.

**Am. Golden Plover** were at Buckingham 8/25 and Pine Run 9/25 (AM). **Semipalmated Plover** were at Buckingham 8/25 (AM) and PV 9/18 (C Crunkleton). **Forster's Tern** were at Bristol 9/8 (AM) and Bensalem (24) 9/13 (B McNaught). Two **Black Tern** were at Van Sciver L. 9/13 (BM). A **Barred Owl** was at Tinicum 9/29 (T Koellhoffer). An **Olive-sided Flycatcher** was at PV 8/12 (AM). A **Yellow-throated Vireo** was at PV 9/5 (AM). **Philadelphia Vireo** were at PV 9/4 (C&B Rutt) , 9/23 (RF), and Blooming Glen 9/16 (CR).

Four **Am. Pipit** were at Blooming Glen 9/29 (CR). A **Lawrence's Warbler** was at Blooming Glen 7/5 (CR). A **Yellow-throated Warbler** was at Bowman's Hill 7/8 (AM). A **Prothonotary Warbler** was at Silver L. 8/18 (D Filler). **Yellow-breasted Chat** were at Silver L. 8/18 (DF) and Chalfont 9/18 (RF).

#### *Butler County*

The quarter's most extraordinary visitors were 3 **Eared Grebe** together at L. Oneida 9/10, one in alternate, one in basic, and one in juv. plumage. They were discovered by D Darney & D Yovanovich, photographed, and stayed only one day (2<sup>nd</sup> confirmed county record). Molt timing varies so greatly in both Eared and Horned grebes that it is not unusual to see individuals in "breeding" and "winter" plumages within the same group.

Another infrequent visitor was a **Black Vulture** at Buffalo Twp 7/16 (P&D Hess; 4<sup>th</sup> county record). The same

observers saw one 6 mi. south in *Allegheny* 6/25, perhaps the same bird.

Welcome breeding news included an **Upland Sandpiper** with 2 young in Venango Twp 7/9 (B&G Dean, N Rodgers), and 2 ad. **Red-headed Woodpecker** with 1 young in the Slippery Rock area 7/16 (B Dean). Interesting at Slippery Rock were 2 **Red-breasted Nuthatch** nests (G Wilhelm), not just the one reported last quarter, and even better a **Golden-crowned Kinglet** pair feeding 2 young 8/2 (GW; *1<sup>st</sup> county breeding record*). Both species nested in a coniferous woods in the borough.

Other notable reports: Besides the resident **Bald Eagle** pair at Glades, at least 2 imm. were at L. Arthur during the period (DD, DY) and an adult was seen 9/18 at L. Oneida (*vide* DY). A **Gr. Yellowlegs** flying south over Butler Twp 7/7 (DY) was rather early. A **C. Tern** was an uncommon visitor at L. Arthur 9/10 (DY, DD). A **Barn Swallow** at Moraine SP 9/29 (DY, DD) was late. Single **N. Mockingbird** continued at Evans City (C Trauterman) and Moraine (m.ob.). Having to consider this notable is sad, but the only **Golden-winged Warbler** was found at Jennings Environmental Center 9/21 (DY).

Debbie Yovanovich, who has become the county's most prolific reporter, mentioned two interesting anecdotes: 9/19 she spent a half-hour getting an errant **Ovenbird** out of her garage in Butler Twp, and 9/24 she heard a tremendous migration passage from 9 to 10:30 p.m. including hundreds of thrushes, warblers, sparrows, plus 3 calling **Green Herons**.

#### *Cambria County*

Dave Gobert and John Salvetti both made note of the 2 **C. Loon** that summered at Prince Gallitzin SP (PG).

Unusual for the Patton area was the **Yellow-bellied Sapsucker** on 7/5 (DG); and Salvetti was pleased with his first **Least Bittern** in that area on 7/7. The Breeding Bird Atlas lists safe dates for Least Bittern as 5/20-8/1.

The Atlas also shows no record of possible breeding of **White-throated Sparrow** in *Cambria*, so Gobert's discovery of a dead one in his yard on 8/24 makes us wonder... **Dark-eyed Junco**, having only recently been added as breeders here, appear to be holding their own in at least three separate locations.

Judy Johns informs us that Beaverdam Run Dam was opened for public fishing this summer. She wondered if the birds will be bothered by the increased activity. Or if she "may be more annoyed by it than they, since it used to be a nice wilderness lake with little human influence over the wild life."

#### *Centre County*

**Yellow-crowned Night-Heron** again appeared, with an immature seen at Bald Eagle SP (BESP) on 9/14 (C Hazlett, m.ob.) and an adult near Stormstown on 9/15 (D Bryant). The Aug record of **Ring-necked Duck** at BESP was very unusual (R Snyder). **Bald Eagle** were probably present at BESP throughout the quarter (RS). Another Bald Eagle was seen in State College in Aug (L Goodrich), as was a **Peregrine Falcon** (DB).

Shorebird migration was sparse this period, with only two species reported. Three **Caspian Tern** remained at BESP for a few days (RS). The only sighting of **Yellow-bellied Flycatcher** came from Walnut Springs Park (J

Dunn). Interesting **vireo** reports include **White-eyed** at a couple of locations for most of the quarter, **Yellow-throated** in SGL-176 (M Dunson, M Rockmore), **Warbling** at Walnut Springs Park (M Heath), and several reports of **Philadelphia** at Walnut Springs and SGL-176 (JD, MR, R Stone). Flocks of swallows were noted in early Aug, and most had left the area by the end of the month. While **Wood** and **Hermit thrushes** were fairly numerous, the only other "spotted" thrush reported was **Swainson's** at Walnut Springs Park (MH) and SGL-176 (MR). Mixed warbler flocks were noted at the end of July, and the fall migration produced a good assortment of species. Two noteworthy species were **Orange-crowned** (R Stone) and **Connecticut** (MD, S Lewis, MR), both seen at SGL-176. Finally, the compiler would like to thank like to thank local birders (and former Penn State graduate students) Greg Keller and Paul Rodewald, both of whom have recently left the state. They haven't gone too far though, so we hope to have them back in Pa. from time to time.

#### *Chester County*

**Green Heron** seemed more numerous than usual this quarter with sightings in several places on numerous dates. Six were seen several times at Church Farm School from 7/13 to 8/3. Bill Elrick's banding report from Church Farm School listed 2 **Cattle Egret** on 8/3. I neglected to get supporting details from him before he moved.

Many reports of **Osprey** were received, 8/14 to 9/20, from 5 locations. Single birds only were seen.

Two members of the West Chester Bird Club have maintained **Purple Martin** colonies for several years. One at Pocopson Retirement Home, overseen by Mary Alice Knox, had approximately 150 birds, counting adults and fledglings. About 10 pairs of early-arriving adults migrated by the end of July. Gradually the other 130 birds headed south until all were gone by 8/15. Devault Chrisman's colony, in W. Nantmeal Twp, usually has over 100 birds each year. He had only 2 pairs return this year. Predation by small mammals and snakes or harassment by European paper wasps were possible factors in the colony's abrupt decline.

On 9/11 Ted Drozdowski reported a large movement of **Blue Jays** through the central part of the county.

Warbler movement was first reported on 8/30 and seemed rather sparse throughout the migration period. **Magnolia** and **Black-throated Blue warblers** were seen by many observers in many places between 8/30 and 9/30. **Yellow-rumped Warbler** began moving through on 9/29 with reports from Longwood Gardens and Struble L. Several reports of **Black-and-White Warbler** listed 2 birds. Are pairs possibly migrating together?

The 9/29 Philadelphia Hotline reported a wave of seed-eating migrants in Nottingham County Park. A feeder had **White-throated** and **Lincoln's sparrows** and **Dark-eyed Junco**. No further details were available.

Beginning on 7/23, a fairly steady stream of **Bobolink** was seen moving through the county, with the last report on 9/20 by TD. The highest count was on 9/4 with 500+, reported by BE at CFS.

**Am. Goldfinch** were present through the quarter. A favorite gathering place was an unmowed section of a weedy meadow at Valley Forge park; 50+ were seen here by two different observers.

### Clarion County

**Osprey:** 1 seen off and on all summer in Redbank Creek valley near Summerville (W Eshbaugh). **Bald Eagle:** Various reports of Bald Eagles being seen up and down the Allegheny R. to Parker and Kennerdell (W Fye). Two adults and one first-year juvenile are being seen constantly near the Brady's Bend Hawk Watch (M Buckwalter).

**Common Ground Dove:** Identified on 8/30 at Middle Run strip mine by John Fedak. A 1<sup>st</sup> county record. Documentation sent to PORC. **Red-headed Woodpecker:** From 7/7-14, 1 male on Fisher Rd near Strattanville using utility poles as perches from which to flycatch for prey (K Fusilli, R Montgomery, m.ob). Rare in county

**Short-eared Owl:** One pair apparently bred at the strip mine at Curllsville. Two adults and 2 or 3 young were first found by Carl and Joan Rowe on 7/26. On 7/28 Fye found 3, perhaps 5, young flying, begging and being fed by the parents. The young still had fuzzy feathers on their heads. MB found owls in the vicinity as late as 8/24.

**Clay-colored Sparrow:** More evidence that this species is spreading in Clarion. On 6/28 and 6/29 (previously unreported) Jason Horn and John Fedak found 2 Clay-colored Sparrows on the strip mine off Dunlap Rd, w. of Callensburg, a new site. On 7/11 Fedak and Charles Studholme found 5 or 6 sparrows at Mt. Zion, original site, one was carrying food. On 7/13 Amy Howe, working for the PGC, found one at a strip mine 2 miles w. of Rimersburg, new. On 7/14 she found one at Mt. Zion. On 9/26 JF found 1 at FC, new.

### Clearfield County

Most of the records for this quarter come from several trips to Parker Dam SP and the DuBois Res. George Young had an interesting sighting in the park on 7/5: a **N. Bobwhite** feeding along the main park road. The origin of this bird is suspicious, to say the least.

### Clinton County

A mature **Bald Eagle** was seen along Pine Cr. near Avis on 8/5 (D Rockey). Beth Zbegner saw a **N. Harrier** near Avis on 7/24. A late **Whip-poor-will** was heard on 9/6 in Swissdale (W Laubscher). Over 100 **C. Nighthawk** were seen over Woolrich on 8/29 (M Craig). A **White-throated Sparrow** was heard on 8/15 in Swissdale (WL).

### Crawford County

The period did not produce any great rarity, but there were good numbers of ducks and geese in the area. A high count of 378 **Double-crested Cormorant** at Pymatuning L. 9/30 was above average. A 30-minute count of 1106 **Wood Duck** flew past Anthony Marich at Pymatuning. **Ruddy Duck** were noted all quarter. An **Osprey** was reported at Hartstown Marsh 9n 9/20 (D Troyer). 26 **C. Moorhen** were also at Hartstown Marsh on 9/9 (M Byler).

Poor numbers, but good variety, of shorebirds were found, mainly due to higher than normal water levels at area lakes. I did have 12 **Sanderling** on 9/9 at Pymatuning and 5 **Baird's Sandpiper** at the Fish Hatchery on 9/22. A single **Wilson's Phalarope** was at the hatchery on 9/16. Up to 2 **Black Tern** noted 7/26 to 8/1 at the hatchery (m.ob.).

A **Barn Owl** was reported in Rockdale Twp, w. of Cambridge Springs, on 9/12 (J McWilliams). **Dark-eyed**

**Junco** were noted at Hartstown Marsh 7/9 and at Meadville 7/23.

### Dauphin County

This quarter began with the discovery of a **Summer Tanager** 7/2 (N&C Juris) in the Milton Hershey farms s.e. of Hershey. The pair of **Blue Grosbeak** reported in June were also seen on the above date at this location (N&CJ) and remained into Aug (J Renninger, R Williams). Other interesting July observations included, a **C. Raven** on Peters Mt. 7/6 (J Church), 12 **Purple Martin** found 7/17 near Carsonville (J&J Funck) that has in recent years become an unusual find in Dauphin, and a **Prothonotary Warbler** discovered near Gratz 7/21 (B Reid).

The **C. Nighthawk** migration along the Susquehanna began 7/30 (D Hoffman) and continued through Aug and into Sept with the last report coming on 9/8 (R Koury). **Snowy Egret** was first reported on 8/3 near the West Fairview boat ramp with other observations in early Sept (N&CJ, RK). A **Tricolored Heron** also appeared in the same vicinity 9/4 (N&CJ) and again on 9/20 and 9/24 (RK).

Aug and Sept is usually the shorebird migration time along the Susquehanna. With higher than average water levels throughout the summer the sightings for this year were few and far between. **Ls. Yellowlegs**, **Semipalmated** and **Least sandpipers** were the only migrants reported (M Dale, RK). A dunlin just missed the quarter being found on the flats near West Fairview on 10/1 (RK). **Caspian Tern** made appearances along the river from 8/12 to 9/20 (A Curtis, RK), while **Black Tern** were observed 8/30 (RK).

A leucistic **Am. Robin** was reported in the Linglestown area and was observed nesting and raising young through the quarter. It retained only the reddish breast and dark eyes making its appearance striking. The old adage "A bird in the hand is worth..." was proved wrong following a mishap on 9/19 involving a **Connecticut Warbler** and Dr. Koury's office window near Linglestown. This rare find died shortly after the incident (RK). By the last week of September **Golden** and **Ruby-crowned kinglets**, **White-throated Sparrow**, and **Yellow-bellied Sapsucker** had returned to wood lots and yards.

### Delaware County

The Darby Creek mudflats (DC) received only sporadic coverage this quarter but still there were multiple sightings of **Snowy Egret**, **Little Blue Heron** and **Least Bittern** (A Guarente, N Pulcinella). There was a large flight of **Canada Geese** 9/28 when 4093 passed the Rose Tree Park hawk watch (RTP). Along with the Canadas 2 **Snow Geese** were also observed. The RTP was manned daily beginning 8/15 and produced good numbers of raptors. High counts for this quarter included: **Osprey** 40 on 9/28; **Sharp-shinned Hawk** 93 on 9/24; **Broad-winged Hawk** 3336 on 9/22; **Am. Kestrel** 33 on 9/28; and **Merlin** 6 on 9/13. Other notable highlights for this quarter from RTP include a **N. Goshawk** 9/27 and an early **Golden Eagle** on 9/14.

An interesting find for a suburban backyard was a **Virginia Rail** found 9/22 in Media while mowing the lawn (AG). Because of the sporadic coverage of the Darby Creek area shorebird numbers probably do not reflect the true southbound flight that occurred there this year. High counts include 400 **Semipalmated** and 200 **Least**

**sandpipers** 8/5 (NP). Other interesting finds at DC this quarter were **Western Sandpiper** and **Semipalmated Plovers**. A **Ruddy Turnstone** was found along the Delaware R. (DR) near Essington (ESS) 9/12 (M Sharp). **Caspian Tern** were found in good numbers along the DR in ESS (AG, NP, MS). The peak count for **Forster's Tern** was 55 on 8/13 at DC (AG). A single **Black Tern** was observed at ESS 9/12 (MS). A **N. Saw-whet Owl** was heard calling in Springfield 9/30 (M Guenther). The **Ruby-throated Hummingbird** flight was good again this year with a peak of 14 seen at RTP 9/8. A high count of 14 pairs of **Warbling Vireo** were recorded 6/1 at DC (NP). **Cliff Swallow** nested once again at Springton Res. (SR) for the third consecutive year. An early **Winter Wren** was found at Indian Orchards 9/25 (S Conant, J Waldie).

Twenty-eight spp. of **warblers** were found including a **Golden-winged** 9/9 at Ridley Creek SP (RCSP) (AG), **Tennessee** (AG), **Bay-breasted** (AG) and **Blackburnian** (AG). A few warblers that breed irregularly in the county that were found this quarter were a **Pine** 6/8 at RCSP (AG), a **Worm-eating** 7/13 at RCSP (AG), and a **Yellow-breasted Chat** 6/9 at Chadds Ford (NP). Breeding could not be confirmed for any of these species. Also suspected of breeding was a **Rose-breasted Grosbeak** found 7/22 at RCSP (AG). Quite unusual was a puzzled **Dark-eyed Junco** that spent several weeks in a backyard in Media during July and Aug (D McGovern). Even more bizarre was the observation of a ♂ **Pine Grosbeak** feeding on ornamental cherry trees in Wawa (H Todd) 7/10. This follows an unconfirmed report of 10 Pine Grosbeak being seen on the same trees a few weeks earlier. There was a total of 159 species recorded this quarter.

#### *Erie County*

There were a couple of interesting finds this period. On 9/10 I received a call from Randy Donn who had observed a **Swallow-tailed Kite** hovering over an open field. He watched it circle with a **Turkey Vulture** and hover over this field for about 15 minutes before the kite flew off in a southwesterly direction. Don said at one point the kite was only a few yards above his head. He described the bird well over the phone saying that it had long pointed black wings and tail with a pure white underside. He said it flew with its forked tail spread open nearly all of the time and that even though he had never seen one before there was no mistaking it for any other bird. I strongly encouraged him to send me a written description, but never received one.

A couple of **Blue Grosbeak** visited a feeder in Harbor Creek for only the 3<sup>rd</sup> county record. One was described as an adult male and the other as an immature.

#### *Fayette County*

A few shorebirds were found in the county including **Semipalmated Plover**, **Greater and Lesser yellowlegs**, **Solitary**, **Least**, and **Spotted sandpipers** (M McConnaughy). A high of 41 **Killdeer** was counted at Mill Run Res 8/19 (MM).

Two **Golden-crowned Kinglet** were observed at Fike Run 7/3 (B Hintze). A **Winter Wren** was heard singing at Quebec Run Wild Area (QR) 7/2 (BH et al.).

Five **Veery** were counted at QR 7/2 (v.o.) and 1 **Hermit Thrush** was found there 7/3 (BH). A **Hermit**

**Thrush** was heard singing at SGL-51 on 7/15 (M Fialkovich, D Rieger).

A Westmoreland Bird Club outing to QR 7/2 gave us the opportunity to observe birds tending young. A **Blue-headed Vireo** was seen feeding a fledgling, and a **Red-eyed Vireo** chick which was barely able to fly was seen climbing through a **Rhododendron** while its parents brought it food. A ♂ **Black-throated Green Warbler** was observed feeding two fledglings.

Two **Yellow-rumped Warbler** were an unusual find at Bear Run Nature Reserve 7/20 (K Behrens). A good count of 7 **Canada** and 6 **Magnolia warbler** were at QR 7/2 (v.o.), and 7/3 (BH) respectively.

#### *Forest County*

A pair of **Osprey** was observed copulating near Kellettsville on 7/26 (F&J McGuire), and a single Osprey was sighted at Tionesta L. on 8/22 (R Daum), but no activity has been observed at the nesting platforms provided by the Army Corps of Engineers.

Two **Peregrine Falcon** provided a great find for Ben and Evelyn Myers. They watched the birds over an open field in the German Hill area near Tionesta for about half an hour on 7/10. Another Peregrine was spotted at Kellettsville on 9/23 (J&Tom Kuehl).

The last **Ruby-throated Hummingbird** was observed on 9/19 at a yard near Tionesta. An **Olive-sided Flycatcher** was a surprise in a Tionesta yard on 9/10.

A **Yellow-rumped Warbler** was an unexpected find on 7/6 at Cook Forest (P Colantonio, A Mason, R Montgomery, F McGuire).

#### *Fulton County*

The Haines-Seville Wetlands (HSW) continues to be a good area to observe herons and shorebirds in the county. The partial list included **Great Egret**, up to 4 **Green Heron**; **Solitary**, **Spotted**, **Pectoral**, and **Least sandpipers**. HSW also hosted a **Hooded Merganser** on the unusual date of 8/19. In Buck Valley a small farm pond harbored 41 **Killdeer** on 7/16. At SGL-49 (Amaranth) I found my first true warbler flock of the fall season on 7/19: 2 **Blackburnian**, 1 **Worm-eating**, and 6 **Prairie warblers**.

#### *Greene County*

Even though there was no "official" fall NAMC, we conducted a count on 9/16 and found 73 spp, a decent count for fall!

On 9/13 a huge flock of mixed **blackbirds** was observed migrating over the Greene County Airport. Several people at the restaurant stood transfixed at the windows for 7-8 minutes while the flock of ±25,000 streamed due south. However the resident flock of ±2000, mostly **Eur. Starlings**, stayed on for another week before departing.

Only 113 **Wild Turkey** were found on the 9/16 count. This is low for *Greene*. Local hunters feel the wet spring caused nesting failure.

#### *Huntingdon County*

A **Pied-billed Grebe** seen 7/2 in Stone Valley (G Grove, L Grove) supports suspicion of breeding here but no confirmation has been obtained. **Great Egret** were seen in

several locations this summer continuing a trend of increasing reports in recent years. Two imm. **Black-crowned Night-Heron** were at Old Crow Wetland near Huntingdon 7/30-8/27 (D&T Kyler).

The **Bald Eagle** pair at L Raystown fledged 3 nestlings. Peak **Broad-winged Hawk** day at Stone Mt. hawk watch was 435 on 9/25. Three **Golden Eagle** passed the watch on 9/30, an unusually early date. **Barn Owl** nesting was confirmed in the county for the first time in several years (DK).

A peak of 45 **C. Nighthawk** was counted at McAlevy's Fort on 8/30 during monitoring for Project Nighthawk (GG). DK found 5 **Am. Pipit** near Huntingdon on 8/18. The Kyler's had a single **Pine Siskin** at their feeder in Huntingdon on 7/14.

#### *Indiana County*

Highlights of the season include the continued presence of the **Ross's Goose** near Saltsburg (MA Dunmire) through 9/27, the date it was last observed leaving with a flock of **Canada Geese**. The **Dickcissels** noted near W. Lebanon last quarter continued with sightings on 7/4 (M&R Higbee) and again on 7/14 (G Cook, MH). Two birds were heard singing on 7/14. Because of vacations, the field was not checked again until mid-Aug when the Dickcissels could not be found.

An outing to Pine Ridge CP on 9/23 yielded the amazing sight of 41 **Turkey Vulture** perched in trees and on telephone poles (L Carnahan, S Graff, M&RH). These birds lingered into the next quarter. A rainy day at Yellow Creek did not hamper the **Broad-winged Hawk** migration as 24 were observed moving through during the morning hours. Unusual was Nancy Smeltzer's report of **Am. Kestrel** nesting in a vent hole at Indiana Hospital where they successfully fledged one young. A **Whip-poor-will** near Creekside sang through 7/8 (M Anderson). Two **Philadelphia Vireo** at YC 9/19 (SG, C Guba, MH, J Salvetti, M Shaffer, L Wagner) were the season's lone report. The warbler migration though not noteworthy yielded a few "good" days with 9/19 the best at YC. An **Orange-crowned Warbler** was a nice find 9/26 (MH).

#### *Juniata County*

The quarter was cooler than normal and lots of moisture. Several interesting spp. showed up. A **Dickcissel** fed at our feeding station 7/23-29 then disappeared.

At least four pair of nesting **Barn Owl** were found. **C. Nighthawk** were off considerably from other years.

An imm. **White Ibis** was found at the Mifflintown Access area of the Juniata R., first seen 9/20 then again 9/24 (J Stoner). The three **Wilson's Phalarope** on a farm pond near Shade Mt. were a nice find for the Wengers, however they only stayed several minutes. A single **Sandhill Crane** was seen flying over the Van Wert area (P Renno).

A **Black Vulture** nest was found by Dusty Weidner in part of a cave on a ridge near Evandale. The adults were still feeding the young as of 7/31.

The best bird was the **C. Ground Dove** that appeared just about dusk on 9/6. The bird landed about 15' from our son David and four of us watched it feed at less than 12' away. It fed until dark and was totally fearless of us humans.

#### *Lancaster County*

Conejohela Flats: On 8/27 **Piping Plover**, **Baird's Sandpiper**, **Merlin** (T Garner, E Witmer, J Book, B Schutsky, R Miller). On 9/3: **Piping Plover**, **Wilson's Phalarope**, and **Buff-breasted Sandpiper** (TG, EW, Bruce Carl, Dan Heathcote). On 9/10: **Am. Bittern**, **Tricolored Heron**, **Merlin**, 2 **White-rumped Sandpiper** (TG, EW).

A **Western Kingbird** was found in Farmersville on 9/30 (F Habegger, J&P Witmer, BC, TG, EW, m.ob.)

#### *Lebanon County*

Two **Pied-billed Grebe** were at Memorial L. (ML) on 7/30 for a new early date. A pair of **Ring-necked Duck** at Bethlehem Steel L. (BSL) near Cornwall reported last quarter nested. A ♀ with 1 young was first seen 7/16 and was seen off and on until 8/14. This was a 1<sup>st</sup> breeding record for the county. The lake is part of the Iron Valley Golf Course (R Groff). *This is the first modern record of this species nesting in the state.*

The Reistville ponds (RV) did not dry up this year, so shorebirds made a good showing. On 8/19 195 **Killdeer** were counted for a new high. A **Gr. Yellowlegs** on 8/19 was early by 8 days. On 8/4 14 **Pectoral Sandpiper** was a new high, also at RV. A **Stilt Sandpiper** on 9/24 at RV was a 4<sup>th</sup> county record, the last was 11 years ago. A lone **Bonaparte's Gull** on 8/13 was a new early date at ML.

An **Alder Flycatcher** calling on 9/3 at SGL-145 was a 3<sup>rd</sup> county record. On 9/26 approx. 60,000 **Tree Swallow** were moving south over fields near Annville near dusk. I could not find any other swallow species.

Warbler migration was average. A **Prairie Warbler** on 9/17 was a new late date at SGL-145. And 2 **Louisiana Waterthrush** at Swatara SP on 7/30 was also a new late date.

On 7/28 at RV I observed a **Tree Swallow** catch an insect on a small pond. An **E. Kingbird** that was perched on the edge of the pond on a high weed quickly flew to the swallow and attacked it by hanging on the back. They both crashed into the pond. The swallow released the insect and the kingbird flew over to a nearby fence post to eat its catch. The swallow flew up and shook off, then started to hunt for insects again.

#### *Luzerne County*

Council Cup hawk watchers indicated a well-below average flight of **Broad-winged Hawk** and **Bald Eagle**. As the saying goes, "misery loves company," the fall migration count species total of 86 also was below average. I guess we will have fall seasons like this.

The warbler migration was spotty, however several reports of **Wilson's** and **Cape May warblers** were encouraging.

A **Glossy Ibis** was observed at Plymouth Flats on 8/6, but it only stayed for that day.

Christmas Bird Counts can't come soon enough.

#### *Mercer County*

The numbers and variety of shorebirds refueling at Shenango R. Res. was less than in the past couple of years, probably due to the lack of extensive mud flats. The water level dropped only 2' in Aug. and Sept. However, 1 **White-rumped Sandpiper** was located there 9/9 (Troyer



family), and 1 **Stilt Sandpiper** was present 9/24 (M Fialkovitch, J Hoffman), plus small numbers of more common species. On a Bartramian Audubon Society field trip 9/23 to the Golden Run Access Area of SRR, a very possible juv. **Glossy Ibis**, This was scoped at 60' and studied long enough to note a black eye (S Butcher, m.ob.). Too bad no one had a camera. It could not be located the next day.

Two **Sandhill Crane** 9/17 at Zahnizer Rd (TF) was noteworthy. Reports of **C. Nighthawk** are dwindling. On 9/10 at 7:45 pm, 150+ **Chimney Swift** were swirling down the chimney of the Hermitage Middle School. This school was built in the 1930s, and one wonders when the swifts began roosting there.

The Troyer family had late dates for **Ruby-throated Hummingbird**: 9/30 at Williamson Rd, and **Acadian Flycatcher**: 9/27 at Nicklin Lane. A **Yellow-bellied Flycatcher** 8/27 at Skunk Run Rd (also TF) was a surprise. 350+ **Purple Martin** 7/10 was the combined total of two colonies on Skunk Run Rd, and 550+ **Tree Swallow** 9/30 at SRR is best described as a swarm (both TF).

Best described, as a smattering were the warblers, with 22 spp. reported, and only 1-5 individuals of each species. **Dark-eyed Junco** had not arrived by the end of the quarter.

#### *Mifflin County*

Mowing the back orchard has been a real pleasure this season. Each time I turned off the mower engine, the **E. Bluebirds** were setting in the nearest shrub or tree singing and flitting all about my red mower. They did this repeatedly every time I turned off the mower. I think it was the family that fledged from the house on the corner post. They came to the garage roof when I put the mower away. They are now staying around the stream bank in the honeysuckle vines.

Judy Metzger monitored the Towpath's 22 bluebird houses at the Lewistown Country Club. Forty-four bluebirds fledged, 51 **Tree Swallow** fledged and at least 4 nestings of **House Wren** fledged young. A Flying Squirrel took up residence in one of the houses. On 8/24, J. Irvin Zook of Belleville wrote "I have been enjoying a flock of maybe 50 to 75 **Cliff Swallows** here at the farm. They spend hours gliding and soaring overhead and then rest on the tassels of the corn in the cornfields. Along with them are some **Barn Swallows** and **Tree Swallows** down by the stream. Also by the water I saw a **Greater Yellowlegs**, so fall migration has started."

In Aug. Jesse Swarey reported seeing **Black-crowned Night-Heron**, 1 in a tree and 1 on the streambank, near Belleville.

Our Jack's Mountain Hawk Watch for Sept. was good, considering that our compiler, Ron Singer is working 6 days a week lately, but helping when possible, and we have appreciated all the observers who stopped by to help the regulars with observations. The 1624 **Broad-winged Hawk** were welcome as were the **Osprey**, **Bald Eagles**, **Merlin**, **Peregrine Falcon**, plus all the other raptors counted that month.

The **C. Nighthawk** survey was conducted, however counts are not complete yet. **Carolina Wren** are everywhere this season. Around the house, in McVeytown, down by the Juniata R. campground, on the Jack's Mt. and

more. We have several already spending the nights in two hanging petunia pots, which still have lots of blooms. Today I saw one getting into the garage by a small hole at the bottom of the door. I am not sure if it realizes that our cat has its apartment in the garage. Hopefully it will not get careless until I fix the door tomorrow.

The Bluebird houses are cleaned and we placed dowel rods for winter roosts. Late Sept., after the farmer cut his alfalfa hay, there were dozens of **Am Pipit** in the fields. They were back after the hay was taken off and haven't been seen or heard since. 22 **Killdeer** were in the plowed field late Sept. **Am. Robin** and **E. Phoebe** were singing spring-like songs during those warm days of Sept. The **E. Meadowlark** are singing from the fence posts, and a **Ring-necked Pheasant** has been crowing at the back fence row. Coyotes have been seen in our area several times. Do they eat pheasants?

#### *Monroe County*

The first season of field work for the "Monitoring Avian Populations and Survivorship" (MAPS) project was completed at Monroe Co. Environ. Edu. Center (MCE). MAPS is a continent-wide banding project headed by the Institute for Bird Populations. Conducted at MCE by Darryl Speicher, the banding station sampled 71 individual birds representing 19 spp. **Tufted Titmouse** and **Ovenbird** tied for the highest number of individuals banded, with ten each. Eight **Black-capped Chickadee** were banded with two recaptures. A hatch-year **Golden-crowned Kinglet** caught and banded indicated probable breeding for this species at MCE.

The MAPS study also recorded 55 spp. of birds seen or heard at MCE. Of this total, 15 spp. were confirmed breeders and 13 spp. were likely breeders. Other species recorded were birds heard or seen infrequently and are known to breed outside the study area.

E. Parnum's consistent coverage of the Zimmer Preserve produced 59 spp. for the quarter, including 14 spp. of warblers. Unusual was a ♂ **Ring-necked Duck** found by J. José on the Delaware R. near Poxono Is. 7/6. Another unexpected species for the summer season was a **Red-breasted Merganser** at the same location as the Ring-necked Duck 7/30 (B Hardiman). J. Speicher reported a flight of 300 **Broad-winged Hawk** over Big Pocono on 9/14 in only two hours.

The Moore family reported a peacock accompanying a flock of **Wild Turkey** in the Canadensis area from the 1999-2000 winter through this quarter. C. Todd witnessed a huge movement of "hundreds" of **C. Nighthawk** on the evening of 8/24 along the Brodhead Cr. near Minisink Hills.

Also in Minisink Hills was a leucistic **House Finch** attending Herb and Louise Hartman's feeders from 7/20 to mid-Aug. The Hartmans documented this bird with some excellent video footage.

#### *Montgomery County*

The third quarter of 2000 brought continued below average temperatures and above average rainfall. As can be expected in these weather patterns, Green Lane Res. (GLR) shorebird season was a short-lived one. On a brighter note, we must remind ourselves that this season proved the exception, and not the rule.

An imm.e **Little Blue Heron** was at Knight L., Upper

Perkiomen Park (UPV) for over a month beginning 7/9. (J Horn, mobs). **Great Egret** at Church Rd., GLR reached an all-time high of 13 on 7/24 (K Crilley, R Bordman). Our only **Black-crowned Night-Heron** was at Haverford College under some interesting circumstances. Sheryl Johnson relates the following account. "A pair of **Green Heron** began a nest on 7/5 in a sycamore over the duck pond. I believe the date is late, but they did hatch and fledged three young... On 7/29 a Black-crowned Night Heron took an interest in the young birds, but was unable to reach the nest and capture one for dinner. I did not see it any other day."

Early waterfowl at Church Rd, GLR included **Am. Black Duck** and **Green-winged Teal** 8/17, **N. Shoveler** 9/16, and **Blue-winged Teal** 8/12 (KC). The sight of 13 **C. Merganser** at Church Rd 8/19 was *record early by more than two months!* (KC). They were not seen again during the quarter.

Raptor reports included the usual (but always welcome) 1-2 **Bald Eagle** at Church Rd most of the period (GA Franchois, m.obs). **N. Harrier** arrived at GLR 9/24 (GAF) and a **Red-shouldered Hawk** was near the GLR flyfishing area 8/26 (L Tull, M Harvell). An imm. **Peregrine Falcon** was perched atop a guard rail on the Knight Rd bridge, GLR on the early date of 8/2 (KC). The bird was perched within 30' of my vehicle for more than 5 minutes before a passing car flushed it. During this incredible staring match, I did not see leg bands on the bird, so its origin will remain a mystery. A **C. Moorhen** at a Harleysville retention pond was first reported to Steve Blank in early July, and was subsequently seen by numerous birders. (SB, m.obs) It remained through the period and into October, when it was seen with one wing drooping. An effort to capture the bird and take it to a rehabilitator is underway. ( At present the bird has other ideas - and very good legs!)

Shorebird season at GLR began in grand style with 15 spp. reported in only two weeks. Our fortunes changed abruptly, however, when continued heavy rains covered the Church Rd mudflats around 8/1. An **Am. Avocet** (*4<sup>th</sup> county record*) on 7/15 was our best bird of the season (RB, GAF). For sheer numbers and variety of birds, Horn and Farbotnik took top honors with 12 spp. on the rainy evening of 7/26. Among their finds were 8 **Gr. Yellowlegs**, 73 **Ls. Yellowlegs**, 2 **Sanderling**, 2 **Western Sandpiper**, and 11 **Stilt Sandpiper**. (JH, DF). All things considered, not a bad outing! Tern reports from GLR included a **Common** at Church Rd 7/29 (KC), a **Forster's** there 7/30/8/1 (GAF, KC), and a high of 12 **Caspian Tern** at Walt Rd 8/18 (KC).

A **Barred Owl** was near the GLR fly-fishing area 9/29 (P&A Guris), and another was near the nature center 9/30 (S Grunwald). The season's first **Yellow-bellied Sapsucker** was at the fly-fishing area 9/29 (P&AG).

All six vireo species were reported for the quarter, highlighted by a **Philadelphia Vireo** at Haverford College 9/14 (SJ). Our most intriguing report of the quarter was that of a **Townsend's Solitaire** in a Pottstown backyard 9/30 (ACSB). A detailed description of the bird was submitted to PORC for review.

While some 30 warbler spp. were observed, observers unanimously agreed that numbers were down. Comments included Sheryl Johnson's, "... well within (and below )

normal expectations," and Bill Murphy's, "very poor migration." Notable exceptions to this somewhat bleak picture included an **Orange-crowned** (K Loughlin) and **Nashville** (A&C Gehret) at Mill Grove 9/30, **N. Waterthrush** from Haverford College, Gwynedd Preserve, and Meng Sanctuary (SJ, A&J Mirabella, A&CG), **Kentucky** at Fort Washington SP 9/17 (B&N Murphy), **Connecticut** in Upper Merion Twp 9/14 (E Parnum), **Mourning** in Upper Gwynedd Twp 8/4 (A&JM), **Hooded** at Fort Washington 9/17 (B&NM) and Meng Sanctuary 9/23 (A&CG), and **Wilson's Warbler** at GLR 8/24 (KC).

Sparrows began to arrive in late Sept. with **Savannah**, **Lincoln's**, and **White-throated** checking in at the GLR fly-fishing area 9/29 (P&AG). **Bobolink** at Church Rd peaked at a modest 50 on 8/23 (GAF).

#### *Montour County*

The highlight of the quarter was an **Am. Avocet** that appeared at PPL Montour Preserve's L. Chillisquaque. First noticed on 7/2, the bird was along the east shore of the lake by itself. The avocet allowed relatively close approach for good viewing, but flew a short distance along the lakeshore upon the approach of two fishermen. The avocet remained in the same general area for three days before leaving.

The American Avocet was first spotted by Bob Bleiler of PPL Montour Preserve's maintenance crew about mid-morning. Although he could not identify the bird, he realized it was something unusual and notified the preserve naturalist, Jon Beam. From Mr. Bleiler's description of the bird, Mr. Beam suspected that it might be an avocet. Identification was confirmed with naked eye, binocular, and spotting scope observation. After 10 minutes of observation, Mr. Beam left to get a camera and returned to take photographs of the bird for documentation.

#### *Northampton County*

**Ls. Scaup** and **Bufflehead** were present at the Martins Creek flyash basin from 8/3+ (SB, m.ob.) an a ♂ **Ruddy Duck** was there 8/28 (M Schall). Three early **Bald Eagle** passed Little Gap Raptor Research Station (LG) on 7/16 (B Silfies) and an early **Golden Eagle** was seen there 9/25 (MS). Up to 3 **Black-bellied Plover** were seen at MCFB and neighboring fields from 8/14-9/26 and up to 4 **Am. Golden-Plover** were seen on the same area from 9/14+ (R Wiltraut, MS). Two breeding -plumaged **Am. Avocet** at Green Pond 7/23 were a 2<sup>nd</sup> county record (photos, m.ob.). A calling **Upland Sandpiper** flew over Jacobsburg 9/1 (RW) and 39 **Sermipalmed Sandpiper** were at Frutchey Hill Rd on 7/29. A fallout of shorebirds appeared at Green Pond after a heavy rain on 7/26 including 115 **Ls. Yellowlegs**, 22 **Short-billed Dowitcher**, and 16 **Stilt Sandpiper** (J Horn, m.ob.). 20 **Pectoral Sandpipers** and 6 **Stilt Sandpipers** were at Green Pond 9/21-24. A **Buff-breasted Sandpiper** at Berry Hollow Rd. 9/13 was a 1<sup>st</sup> county record (RW).

An early adult **Ls. Black-backed Gull** at the MC flyash basin 9/14 and 2 **Caspian Tern** were there 8/18 (RW). A **Red-headed Woodpecker** was seen at LG 9/25 (MS). An **Olive-sided Flycatcher** was seen at LG on 9/10 (A Miller, MS) and a rather late **Yellow-bellied Flycatcher** was at Jacobsburg 9/22 (RW). 2 **Philadelphia Vireo** were seen at Jacobsburg 9/14 (RW) and another was

at Little Gap 9/25 (MS). 3 **C. Raven** were seen at LG 8/15 (MS). There was a good nocturnal thrush movement over Nazareth 9/21-22 including several **Gray-cheeked/Bicknell's thrushes** (RW).

A ♂ **Golden-winged Warbler** was a pleasant surprise at Jacobsburg 9/8 and a **Connecticut Warbler** was seen at LG 9/16 (RW). A very early **N. Waterthrush** was a Green Pond 7131 (RW). A ♂ **Blue Grosbeak** was singing near the LG 7/17, the 3<sup>rd</sup> record for this location (RW) and another was at the Koch residence 7/25 (A Koch, MS).

#### *Perry County*

Good coverage at Lamb's and Miller's gaps this fall yielded a plethora of migrants. Numerous good days were recorded on 9/2, 9/10, and 9/16. On 9/10 I tallied 17 spp. of warblers without moving out of the Miller's Gap parking lot. Also on 9/10 were 2 **Connecticut Warbler** at Miller's Gap.

#### *Philadelphia County*

Following a rainy spring, July temperatures never exceeded 90°F. General observations were that successful nests were later than usual, an example being **Carolina Wrens** that hatched on 9/21 at K Russell's Germantown home. A slow Aug was followed by a sluggish migration, save a huge fallout on 9/26. Raptor migration went largely unobserved, except for 10 **Bald Eagle** reported by Militia Hill Hawk Watch as they slipped over the border into *Philadelphia* during Sept. Notable was C Hetzel's report of an **Anhinga** over Roxborough on 10/2 (*no details, eds.*). **Cooper's Hawk** nested in the Mt Airy section according to SL's observations of 2 juv. 7/21 where adults were seen hunting in June.

A newly created wetland in the Pennypack, shallow ponds on the West side of Verree Rd., attracted **Western, Least, Solitary, and Spotted sandpipers** 8/30 (R Williams).

Those checking the Seasonal Occurrence Table for will note that **Barn Owl** has been dropped as a Resident. With no other reports in two years and four visits to the Tidewater Grain Elevator without a single sighting, the removal seems overdue.

Following a rainstorm that swept across the state, the fallout on 9/26 brought 16 spp. of passerines with 9 spp. of warblers including **Wilson's** and **Hooded** to Center City. **Thrushes, Scarlet Tanager, E Wood-Pewee, Yellow-bellied Sapsucker, Brown Thrasher** and **wrens** set down in the Benjamin Franklin Pky area of Center City to Matt Sharp's delight. On 9/26 C Hetzel reported from Roxborough: 8 **Magnolia**, 5 **Black-throated Blue**, 10 **Black-throated Green**, 6 **Hooded**, etc., etc., the first 5 **Ruby-crowned Kinglet** of the year and a **Philadelphia Vireo**!

2<sup>nd</sup> quarter addendum: S McConnell adds three **Cerulean Warbler** sightings to S Lawrence's (Carpenter's Woods on 5/18 and Harper's Meadow on 6/18). Scott heard one along the Wissahickon on 5/26,28 and again on 6/25. Nesting was not confirmed

#### *Schuylkill County*

A few **Pied-billed Grebe** sightings came in for July, with the earliest being at the Landingville Dam (LVD) on

7/15 (B Jucker). Wading birds were very noticeable during the latter part of July. Along with the more common herons being found, **Great Egret** were seen at 5 different locations. The best spot for this species was the Sweet Arrow Lake (SAL), where it was found from 7/15 through the end of the quarter (B Stauffer, D Donmoyer). A **Black-crowned Night-Heron** was at LVD from 7/16-7/30 (T Clauser).

A nice **Broad-winged Hawk** count of 1765 was recorded at the Hawk Mountain Sanctuary (HMS) on 9/20 (E Hynes). A **Golden Eagle** was seen at HMS on 9/28 (D Barber). A new species for the sanctuary, a **Black-bellied Plover**, was recorded from its north lookout on 8/28 (DB). Also, on 8/28, a pair of **Caspian Tern** were seen at the north lookout (DB). **N. Bobwhite** were observed on 7/2 near Schuylkill Haven (M Miller) and on 7/28 near Adamsdale (V Connor). Seven **C. Nighthawk** were seen at Molino on 9/2 (L Goodrich). The only 2 **Whip-poor-will** records for the quarter came from SGL-110 on 8/26 (K Grim).

A 1<sup>st</sup> county record **Rufous Hummingbird**, an adult male, remained around a private garden area in Minersville from 7/25-7/28 (A DiSarro, EH, et al.). An **Olive-sided Flycatcher** was seen at SGL-110 near Port Clinton on 8/21 (D Kruel), and 2 were there on 8/23 (BJ, DK). This species was also seen at HMS on 8/26, and 2 were there on 9/7 (EH). **Yellow-bellied Flycatcher** were seen at HMS on 8/22 (B Wallace) and 9/9 (D Wood, M Wlasniewski). A spectacular count of 33 **Philadelphia Vireo** was tallied at HMS from 9/7-9/28 (DB). On 7/8, 11 **Horned Lark** of various ages were seen in the Pitman area (BJ, DK), giving to a good possibility of this species as breeding in the county.

Our only **Swainson's Thrush** was seen at Frog Hollow on 9/6 (TC). The fall warbler migration seemed to be down a bit from the last couple years. A **Brewster's Warbler** was at SGL-110 on 8/20 (DK) and a **Golden-winged Warbler** was there on 8/28 (DK). Only a couple migrant **Prairie Warbler** were seen this fall, with the latest being at HMS on 9/22 (J Galardo). Single **Lincoln's Sparrow** were at SGL-227 near Tuscarora on 9/19 and 9/29 (BJ, DK).

#### *Somerset County*

A **Trumpeter Swan** with neckband T62 was in the vicinity of Berlin in Sept. and seen by many observers. Two **Osprey** fledged at Somerset L (A Marich). 500 **Killdeer** were observed in one flock near St. Paul on 9/1 (AM). The buildup of **Indigo Bunting** in planted millet fields at Paynes' home reached 110 by 9/22. The sighting of a **Bobolink** there in this quarter raised the Paynes' property list total to 176 species!

#### *Sullivan County*

A quiet quarter with scarcity of species and numbers. An ad. and imm. **Bald Eagle** (usually seen together) were noted from 7/4 to 9/4 at area impoundments between Ricketts Glen SP and Eagles Mere. Could this indicate a possible area nesting (v.o.)?

A single **Great Egret** remained at a Hillsgrove pond from 8/5 to 9/15 (D.Long).

**Philadelphia Vireo** was a good find at Lopez on 9/5 (S.Conant).

### *Susquehanna County*

Two **Gr. Egret** were at Montrose on 7/22 (J Kilmer).

I made several trips to the county and among the birds found were: **Gr. and Ls. Yellowlegs** and a **Least Sandpiper** on 9/4; 2 **Least Flycatcher** on 7/3; 2 **Tree Swallow** to 8/21; **Barn Swallow** to 8/23; and 2 **Bobolink** on 7/3.

### *Tioga County*

A winter-plumaged **Forster's Tern** sat on a buoy at Hammond L. on 8/1 (BI). A breeding-plumaged ♂ **Chestnut-sided Warbler** was seen feeding a **Brown-headed Cowbird** on 7/30 (B Israel). And a ♀ **Black-throated Blue Warbler** was also feeding a cowbird on 8/29 (BI). This summer a **Wood Thrush** sang as late as 8/14 in woodlands adjacent to the Muck, the latest I've heard them (R Ross).

A possible **Black-chinned Hummingbird** was videotaped in Jobs Corner. More details later by Arlene and Larry Brown.

### *Venango County*

It seemed to be a quarter of early records. A non-breeding **C. Loon** was seen on Kahle L. (KL) thru 7/16. Our earliest fall **Pied-billed Grebe** was recorded 7/8, but there was no evidence that the bird nested. **Double-crested Cormorant** also seems to be returning earlier. This year our second earliest fall record, 8/18, was recorded. A **Great Egret** was seen 7/11, our second-earliest July record.

Another successful **Bald Eagle** nest was found on the Allegheny R. Reports indicate 2 young were fledged. A **Merlin** was seen from the Franklin Hospital parking lot on 9/21 (J Stanley). An **Am. Coot**, possibly injured, spent the season on French Cr (JS). Our first July records for **C. Snipe** (7/22-29) could indicate breeding, but confirmation is required. There was only one record of **Yellow-billed Cuckoo**, 7/30. Numerous **Whip-poor-Will** were at SGL-54 thru 7/10. An **Olive-sided Flycatcher** was at Buttermilk Hill NS 8/27 (JS, K Goodblood) and **Yellow-bellied Flycatcher** was recorded there 9/14-19. **C. Raven** was recorded in July for the first time 7/2-9 at SGL-54.

**Philadelphia Vireo** was recorded on several occasions at BHNS between 8/14 and 9/19 (JS, R States) while **Gray-cheeked** and **Swainson's thrushes** passed through 9/18-22 (JS, KG).

### *Warren County*

Three **Double-crested Cormorant** were on the Allegheny R. near Warren 9/24 (T Simmons, D Watts).

There were 5 **Great Egret** at Johnnycake Run on the Allegheny Res. 7/14 (N Rudolph, P Clinton), and 1 on York Hill in Aug. (DW).

One **Sharp-shinned Hawk** and 1 **Cooper's Hawk** were seen at Akeley Swamp 8/12 (C Putnam, T Grisez).

One **phalarope**, probably Red-necked, was on a small pond along Rte 337 south of Warren 9/3 (G Burkett).

**E. Screech-Owl** were calling in Aug. in Warren (DW) and Saybrook 8/28 (M Neel).

The last **Ruby-throated Hummingbird** reported was a female at Warren 9/26,27 (TG). Three **Acadian Flycatcher** were at Anders Run Natural Area 7/17 (P Yeorg, B Henderson). A **Carolina Wren** was at Saybrook through July (MN). A **N. Mockingbird** was in Warren 8/21

(D Palmer)

Warblers seen at Saybrook 9/25 included **Tennessee, Nashville, Yellow-rumped, Palm**, and on 9/8 a **Blackpoll** (MN). A **Yellow-throated Warbler** was seen at Buckaloons Recreation Area 7/17 (PY, BH).

A **Pine Siskin** was at Saybrook 7/24-31 (MN).

### *Westmoreland County*

Two rail reports came from Powdermill Nature Reserve (PNR), near Rector, where Jim Gruber saw a **Virginia Rail** 8/29; and Bob Leberman, Bob Mulvihill, and Laura Quattrini observed a **King Rail** wandering around in the bird-banding net lanes on several occasions 9/10-13. A **Willet** was an exciting find made by Dennis Lauffer near Mammoth Park 7/28. The only **Forster's Tern** reported was at Keystone L. 8/7 (Tim Vechter).

Fifty **Yellow-bellied Flycatchers** were banded at PNR 8/16--9/27 (RCL, RSM). Dennis Smeltzer's 6 **N. Mockingbirds** at Greensburg Central Catholic High School 9/6 represented an exceptionally good count for this area. A **Brewster's Warbler** was banded at Powdermill 9/16 (RCL, RSM). **Pine Warblers**, rare anywhere in *Westmoreland*, were seen at Bushy Run Battlefield 9/13 (Mark McConaughy) and at Delmont (Ken Byerly) 9/29. A dozen **Connecticut Warblers** were banded at PNR 8/30--9/28 (RCL, RSM), but the highlight of the fall banding season was the immature **Nelson's Sharp-tailed Sparrow** netted there 9/30 (RCL, RSM, Darlene Madarish).

### *Wyoming County*

At least 142 spp. were recorded during the 3<sup>rd</sup> quarter.

Highlights of the period include two species, thought to be new birds for the county.

The first was an imm. **Gr. White-fronted Goose** seen along the river at Black Walnut in Braintrim Twp by Stanley Galanty on 7/22. The bird was present for several hours in a flock of **Canada Geese**. None of the birds could be located the next day.

The 2<sup>nd</sup> county bird was the appearance of 2 **Caspian Terns** in adult breeding plumage which I saw in flight at L. Carey on 8/28. The birds were in flight, often within 100' of me. After circling about for about 5 minutes, they took off, flying south, and were not found again. At first glance the birds appeared gull-like, but the black caps, the heavy red bills, the over-all whiteness of the birds (compared to gulls), the notched tail, the dark primaries on the underside of the wing, etc. soon showed me that the birds were Caspian Terns. I have seen the bird about 10 times in near-by *Luzerne*, but never before in *Wyoming*.

**Bald Eagle**, both immature and adults, continue to be seen on a fairly regular basis in the county, chiefly along the river.

In Lemon Twp on 9/25, 2 **Sharp-shinned Hawk** in flight were observed as they continually buzzed and pursued a **Turkey Vulture** which was also in flight; and on 9/16, from N. Eaton Rd. in Eaton Twp, a **Peregrine Falcon**, also in flight, was observed as it pursued a **Red-tailed Hawk** and seemed to attack it in flight.

A **Gr. Yellowlegs** was found at So. Eaton on 7/29, and that, basically, was the end of the shorebird migration in the county. Rain totaling 2.66" fell in the county 7/29-30, raised the river levels, filled ponds (such as Phelp Swamp)

where mud flats seemed to be developing – hence the shorebird season in the county was over.

An unusual record was a **Forster's Tern** which I saw in flight along the river at So. Eaton on 9/29.

After not seeing any **Ruby-throated Hummingbirds** at my feeders in So. Eaton since 9/19, one turned up at my feeder and a neighbor's feeder on 9/23. Unlike most hummers which stay at a feeder for only a short time before flying off, this one stayed at the feeder for at least 15 minutes (by my watch), sitting quietly, then looking around, and then feeding, then sitting, looking around, feeding, and so on. This was its pattern of feeding from 9/23-27, after which it was seen no more.

Two interesting items concerning **Warbling Vireo** at So. Eaton. On the late date of 8/18, one was feeding a young vireo out of the nest. On 9/6 a Warbling Vireo was singing continually even though it was only 41° F. and there was a heavy fog along the river, engulfing the bird in mist.

Early movement of some warblers was noted. On 7/9 a **Louisiana Waterthrush** turned up at an area in So. Eaton where it does not breed and where there is no appropriate nesting area in over a mile. At the same location, 2 **Prairie Warbler**, which did not breed in the vicinity, were seen on 8/4. A very early **Tennessee Warbler** was seen at So. Eaton on 8/6; and the first **Cape May Warbler** was found at the same location on 8/20. What seemed like a better fall warbler migration than has been seen in recent years, fizzled then, and there were very few warblers recorded after mid-Sept. A **N. Waterthrush**, which spent most of the morning of 8/18 (mostly in hemlock trees) was continually harassed by an **E. Phoebe**. **Black-poll Warblers** were again found nesting at Coal Bed Swamp by Doug Gross.

#### *York County*

One ad. and 1 imm. **C. Loon** made an appearance at Codorus SP (CSP) 7/9-16 (m.ob.). An **Am. Bittern** at Brunner's Is. (BI) 8/20 (A Spiese) and 1 at CSP 8/25 (E Kurtz) complemented an earlier June sighting. An imm. **Little Blue Heron** at CSP 6/29-30 (E Moul, P Robinson). Young **Black-crowned Night-Heron** were seen all summer.

A new early date, 9/28, for 4 **Ring-necked Duck** at Sheppard Myers Dam (AS). Last sighting of **Ruddy Duck** showed only 1 young survived (K Lippy) to July.

Only 1 **N. Goshawk** counted at Rocky Ridge Hawk Watch (RR). On 9/15 and 9/27a **Peregrine Falcon** was counted (K Orvis, AS).

A **Hudsonian Godwit** was at CSP 7/26 (PR). Four sightings of **Olive-sided Flycatcher** were a good sign, with the last one on 9/6 at Ski Roundtop (SR) by J Prescott. An unusual out-of-date **Blue-headed Vireo** on 7/8 at Gifford Pinchot SP (GPSP) survey (E Bernot). An elusive **Orange-crowned Warbler** at SR on 9/26 (JP). A **Connecticut Warbler** at GPSP on 9/26 (P Sobald), at SR 9/27 (JP), and Wrightsville on 9/29 (J&L Downs).

Low numbers of **E. Towhee** and an early departure of them since 9/17 was the last report. **Field Sparrow** were also in low numbers and mostly departed by early Sept. **Grasshopper Sparrow** were noted at five locations, with the last 9/3 at CSP (J&J Prescott). **Blue Grosbeak** locations increased to six, with 9/3 the last date at CSP (J&JP).

# Seasonal Occurrence Tables - July through September 2000

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.

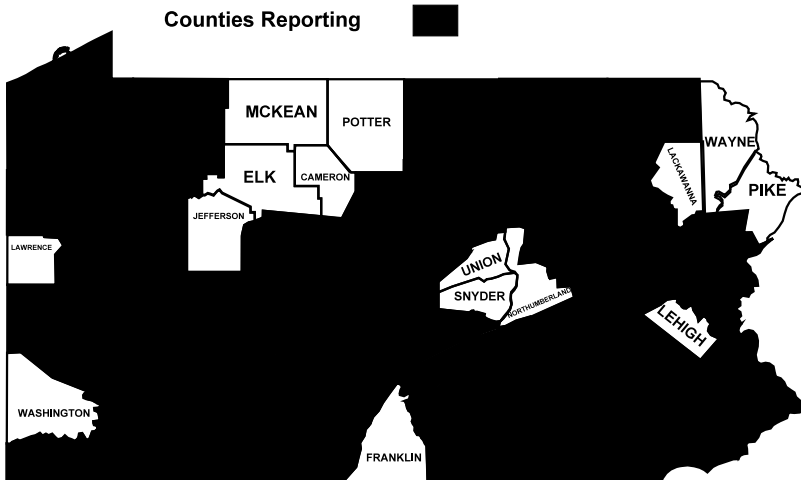
**5/6-** means the species was first seen on 5/6 and remained the rest of the quarter.

**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. \*

## COUNTIES REPORTING - JULY TO SEPTEMBER 2000



## PHOTOGRAPHIC HIGHLIGHTS



American Avocet, Montour Preserve, *Montour*, 07/02/2000. Photo by Jon Beam.



American Avocets, Green Pond, *Northampton*, 07/23/2000. Photo by Rick Wiltraut.



Stilt Sandpiper, Green Pond, *Northampton*, 09/21/2000. Photo by Rick Wiltraut.





American Golden-Plover, Delhaven Rd., *Northampton*,  
09/25/2000. Photo by Rick Wiltraut.



Eared Grebes, Lake Oneida, *Butler*, 09/10/2000. Photo by Dave Darney.





Great Egret, Beaver Springs, *Centre*, 09/11/2000.  
Photo by Wayne Laubscher.



Great Egrets, Kiwanis Lake, *York*, 06/02/2000. Photo by Al Speise.



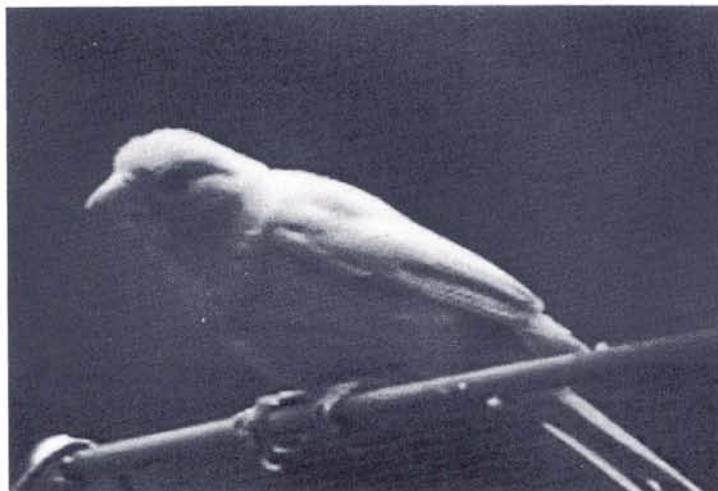
Nelson's Sharp-tailed Sparrow, Powdermill Nature Reserve,  
*Westmoreland*, 09/30/2000. Photo by Robert Leberman.



Chimney Swifts, Reading High School, *Berks*, 09/09/2000. Photo by Bill Urich.



Leucistic American Robin, Linglestown, *Dauphin*, 08/2000. Photo by Jane Barnette.



Leucistic House Finch, Minisink Hills, *Monroe*, 07/25/2000. Photo by Herb & Mary Louise Hartman.

SEASONAL OCCURRENCE TABLES - JULY THROUGH SEPTEMBER 2000

	ADAMS	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BERKS	BLAIR	BRADFORD	BUCKS	BUTLER
LOON, COMMON	8/30	-	-	-	-	-	P	-	9/25→	-
GREBE, PIED-BILLED	9/12	-	9/12	-	-	-	P	-	9/25→	8/13→
CORMORANT, DOUBLE-CRESTED	-	9/8-21(10)→	9/3-27	-	-	-	P	-	9/9-23	A-7/4(7)
HERON, GREAT BLUE	R	-	A-8/28(7)	9/2	R	R	R	A	R	A
EGRET, GREAT SNOWY	7/14-9/10	8/20	-	7/14-8/27(7)	8/10	A	P	8/16	A	-
HERON, LITTLE BLUE	8/3	-	-	-	-	-	-	-	→9/24(4)	-
HERON, GREEN	A	→8/19	→9/3	→9/2	-	-	A	→9/9	8/6-12	→9/24
NIGHT-HERON, BLACK-CROWNED	-	8/2-7	-	-	-	P	-	-	A	-
VULTURE, BLACK	R	-	-	-	-	R	-	-	R	7/16*
TURKEY	R	A	A-9/18(24)	P	-	R	A-9/13(17)	A-9/22(8)	R	A
GOOSE, SNOW	-	-	-	-	-	9/2→	-	-	-	-
CANADA	R	R	R-9/27(78)	R	R	R	R	R-9/29(300)	R	R
SWAN, MUTE	A	A	8/28	-	-	R	-	-	R	-
DUCK, WOOD	A	A	A-9/11(8)	P	-	R	R-9/13(18)	A-9/21(83)	R	A-9/16(25)
DUCK, AMERICAN BLACK	-	-	-	-	-	9/6→	-	9/29→	R	-
MALLARD	R	R	7/14(12)	R	R	R	R	R	R	R
TEAL, BLUE-WINGED	9/14(6)→	-	-	-	-	8/20-9/17(10)	P	-	8/17→	9/1-15(4)
SHOVELER, NORTHERN	9/14→	-	-	-	-	9/29(12)	-	-	9/17→	9/15(3)
PINTAIL, NORTHERN	-	-	-	-	-	-	P	-	-	-
TEAL, GREEN-WINGED	9/14→	-	8/5	-	-	9/17(10)→	P	-	-	9/15(6)→
DUCK, RING-NECKED	-	A	-	-	-	-	-	-	-	-
MERGANSER, HOODED	-	-	7/3	-	-	-	-	-	-	-
COMMON	-	-	8/26→	-	-	8/12→	-	R-9/9(10)	-	-
DUCK, RUDDY	-	-	-	-	-	A-9/29(39)	-	-	9/19(7)→	-
OSPREY	8/30	7/24-9/26	9/2-16(4)→	7/6	8/19	7/31-9/21(53)→	P	-	A	A
EAGLE, BALD	9/20-22	9/29	9/3-27	-	-	7/9-9/28(16)→	-	A	A	A
HARRIER, NORTHERN	9/10→	-	9/2-25	-	-	8/5-9/15(6)→	-	7/22-8/19	9/9→	-
HAWK, SHARP-SHINNED	R	R	R-9/16(4)	-	-	R-9/28(108)	R	R	R	A
COOPER'S	R	R	R	-	-	R-9/28(31)	R	R	R	A
GOSHAWK, NORTHERN	-	-	-	-	-	-	-	-	9/24	-
HAWK, RED-SHOULDERED	R	A	-	7/14(4)	-	A	-	-	R	A
BROAD-WINGED	A	→9/26(20)	→8/14	-	-	A-9/20(1756)	P-9/13(12)	7/8	A	P
RED-TAILED	R	R	-	R	R	R	R	R	R	R
EAGLE, GOLDEN	-	-	-	-	-	9/28→	-	-	-	-
KESTREL, AMERICAN	R	R	R	R	R	R-9/21(32)	-	-	-	-
MERLIN	9/14	-	9/21-22	-	-	8/20→	P	-	9/13-27)	-
FALCON, PEREGRINE	-	R	-	-	-	9/12→	P	-	R	-
BOBWHITE, NORTHERN	R	-	9/27	-	-	-	-	-	-	-
RAIL, VIRGINIA	-	-	-	-	-	-	P	-	-	-
SORA	-	-	-	7/24	-	-	P	-	-	-
COOT, AMERICAN	-	-	-	-	-	A-9/29(35)	-	-	-	9/14-SEP(160)→
PLOVER, BLACK-BELLIED	9/26	-	-	-	-	8/28	-	-	-	-
SEMPALMATED	9/14(6)-20	-	-	8/6-12	-	8/2	-	-	8/25-9/18	9/10-16
KILLDEER	R	A-9/16(17)	A-9/17(47)	P	A	R	A	→9/9(30)	R	A-8/4(70)
YELLOW/LEGS, GREATER	9/17	-	9/17	7/18	-	9/10	-	-	9/2-25	7/7E
LESSER	9/17-20(4)	-	-	8/6(10+)	-	7/23-8/2(10)-9/17	-	-	9/17-25	-
SANDPIPER, SOLITARY	9/14-20	-	-	7/18→	-	7/23-9/3	-	-	9/9-16	-
SPOTTED	A	A	→9/21	→9/2	-	A	A	-	→9/26	9/3→
UPLAND	→7/8(8)	-	-	-	-	-	-	-	-	P
SANDERLING	-	-	-	-	-	8/13	-	-	-	-
SANDPIPER, SEMIPALMATED	9/17(4)-20	-	9/2-3	8/6	-	7/25-8/2(20)-9/16	P	-	-	9/1-16
WESTERN	9/14	-	-	8/6	-	7/23	-	-	-	-
LEAST	9/14-20(28)-26	-	9/3	7/20	-	7/1-9/3(20)-16	-	-	7/22→	9/1-2(25)-16
BAIRD'S	9/20	-	-	-	-	8/27	-	-	-	-
PECTORAL	9/14-17(14)-20	-	9/17	8/6(4)	-	8/2→	-	-	-	-
SANDPIPER, STILLT	9/17	-	-	8/6	-	9/3-18	-	-	-	-



SEASONAL OCCURRENCE TABLES - JULY THROUGH SEPTEMBER 2000

	ADAMS	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BERKS	BLAIR	BRADFORD	BUCKS	BUTLER
HERMIT	7/4→	-	-	-	-	-	A	-8/11	-	-
WOOD	A	-9/24	-8/5	-9/2	-	-	A	-9/16	-9/23	P
ROBIN, AMERICAN	R	R	A-8/17(16)	R	R	R	R	A	R	R
CATBIRD, GRAY	A	A-9/23(6)	A-9/3(12)	-9/2	-9/27	A	A	A	A	A
THRASHER, BROWN	A	-9/16	-8/5	-	-9/11	A	P	-7/14	A	P
WARBLER, BLUE-WINGED	-7/23	9/16	-7/3	-8/13	-	-	-	-	-9/14	-9/23
GOLDEN-WINGED	-	-	-	-	-	-	-	-	-	9/21
TENNESSEE	-	9/21→	9/17	-	-	9/3→	-	-	9/12-17	9/3→
NASHVILLE	8/29	8/26(3)→	-	-	9/23	8/29-9/24(4)→	-	-	8/20-9/29	9/2→
PARULA, NORTHERN	A	9/23	-9/17	-	-	-9/26	P	-	A	9/3
WARBLER, YELLOW	P	-8/2	-9/17L	-8/8	-	-9/3	P	-7/19	-9/16	P
CHESTNUT-SIDED	-8/27	8/26-9/16(8)-23	-9/17	-	-	A	P	-7/20	A	-9/24
MAGNOLIA	9/9-24	8/26-9/16(25)→	9/3→	-	8/22-9/25(3)	8/24-9/10(28)→	P	-9/29	8/17→	8/30→
CAPE MAY	-	-	9/17	-	9/2	8/19-9/4(6)→	P	-	8/21→	9/6→
BLACK-THROATED BLUE	-	9/6(5)-17	9/17	-	9/2	A-9/18(19)	P	-	-	9/2-24
YELLOW-RUMPED	-	-	9/27→	-	-	9/3→	P-8/28(12)	A-9/29(10)	9/19→	9/29→
BLACK-THROATED GREEN	A	8/26-9/16(18)→	-9/17(4)	-	8/24-9/23	A-9/25(25)	A	-8/9	8/22→	8/30→
BLACKBURNIAN	8/22	8/26(4)-9/23	-8/17	-	9/15	8/10-9/18(10)→	P	-	8/18→	9/2-23
YELLOW-THROATED	-	-	-	-	-	-	P	-	7/8	P
PINE	-	9/4-21	-9/17	-	-	A	-	-	A	8/27-30
PRAIRIE	P	-	-9/11	7/11	-	-	P	-	A	P
PALM	-	-	9/17(4)→	-	-	9/27	-	-	8/31→	9/22→
BAY-BREASTED	-	8/26-9/16(5)→	-	-	-	8/22-9/28	P	-	9/4→	9/2-23
BLACKPOLL	-	8/26→	-	-	-	9/9→	P	-	8/22-9/18	9/10→
GERULEAN	P	-	-	-7/6	-	-	P	-	-	-9/4
BLACK-AND-WHITE	A	9/6-16(5)-28	-	-8/13	9/2	A	P	-7/6	A	-9/27
REDSTART, AMERICAN	A	8/26-9/17(9)→	-	-7/23	-	A	P	-	A	A
WARBLER, WORM-EATING	P	-	-	-	9/2	-9/14	P	-	-8/22	-9/23
OVENBIRD	A	-9/10(3)-28	-	-7/23	-8/15	A	P	-7/29	-9/23	9/2
WATERTHRUSH, NORTHERN	-	-	-	-	-	-	P	-	8/6-9/15	9/2
LOUISIANA	P	-	-	-	-	-8/7	-	-	-7/27	P
WARBLER, KENTUCKY	-8/27	9/10	-	-8/13	-	-	-	-	-	-8/30
CONNECTICUT	-	-	9/17	-	-	9/17-24	P	-	9/24-27	-
MOURNING	-	-	-	-	-	8/19-9/25	P	-	8/18-9/4	-
YELLOWTHROAT, COMMON	A	A	A-7/4(10)	-9/2	-9/25	A	A	-9/19	A	-9/24
WARBLER, HOODED	A	-9/10(4)-24	-9/18	-9/2	-8/31	A	P	-	-8/15	-9/23
WILSON'S	8/26	9/6-26	-	-	-	8/20→	P	-	8/22→	9/15
CANADA	8/27	-	9/17	-	-	A	P	-	8/13→	-
CHAT, YELLOW-BREASTED	A	-	-7/4	-	-	-7/14	-	-	-9/18	P
TANAGER, SCARLET	A	A	-8/5	-9/2	-9/18	A-9/9(22)	P-8/29(6)	-8/15	A	A
TOWHEE, EASTERN	A	A	A-9/17(15)	P	-9/16	A	A	A	R	A
SPARROW, CHIPPING	A	A	A-9/11(5)	P	P	A	A-8/19(20)	A	A	A
FIELD	A	A	A-8/5(17)	P	-9/15	A	A	-7/30	R	A
VESPER	A	-	8/8	-	-	-7/13	A	-	-	P
SAVANNAH	A	-	-8/8	-	-	-	A	-	R	P
GRASSHOPPER	P	-	-7/14	8/20	-	-7/13(13)	A	-	-	P
HENSLOW'S	-	-	-7/4(5)-14	8/20	-	-	A	-	-	P
LINCOLN'S	-	-	9/25	-	9/29	9/23-29	-	-	9/16→	9/23→
SWAMP	A	-	A-7/4(5)	A	-	A	A-9/13(12)	-7/19	R	A
WHITE-THROATED	8/6	9/26→	-	-	9/29→	9/7→	9/26(8)→	9/8→	8/18→	-
JUNCO, DARK-EYED	7/4	-	-	-	-	7/8→	A	R	9/28→	-
GROSBEAK, ROSE-BREASTED	A	-9/28	-9/3	-8/13	-	A	P	-7/11	-9/26	P
BLUE	-7/9	-	-	-	-	-9/9	-	-	-	-
BUNTING, INDIGO	A	A	-9/3	-9/2	-9/27	A	P	-8/9	A	A
BOBOLINK	-7/2	-	-7/4(5)	-9/2	-7/15	-9/2(190)-7	P	-7/6	-7/12	-9/17(11)
BLACKBIRD, RED-WINGED	A	A	A-7/4(30)	P	-	A	A	A-8/12(300)	R	A
MEADOWLARK, EASTERN	A	A	-	-8/20	-9/21	A	A	-7/11	R	A

SEASONAL OCCURRENCE TABLES - JULY THROUGH SEPTEMBER 2000

	ADAMS	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BERKS	BLAIR	BRADFORD	BUCKS	BUTLER
GRACKLE, COMMON	R	A	A-8/17(4)	P	A	A	A	A	R	A-9/2(2000)
COWBIRD, BROWN-HEADED	R	A	A	-	A	R	A	A	R	A
ORIOLE, ORCHARD	P	-	-7/4	-7/14	-	-	P	-	-9/15	P
BALTIMORE	-7/15	-7/4	-	-8/8	-	A	P	-8/23	-9/4	P
FINCH, PURPLE	A	-	-	-	-	9/10-	A	-	R	R
<hr/>										
LOON, COMMON	-7/14	-7/21	-	-	7/16-19	9/25E	-	-	-	-
GREBE, PIED-BILLED	A-9/28(16)	-	7/23-	9/11-18(4)-29	9/19-	9/25E	-	8/8	9/16(9)	-
CORMORANT, DOUBLE-CRESTED	8/3-9/21	8/5	8/20-9/15	8/14-27(60)-9/11	9/1(5)-	-	-	8/8	9/30(378)	A
HERON, GREAT BLUE	A-8/1(7)	A-9/23(9)	A	A-8/3(5)	A	P	A	R	R-9/9(20)	A
EGRET, GREAT	7/14-9/13	-	7/28-9/1	7/6-9/23	9/26-	-	-	A	8/19(5)	A
SNOWY	-	-	-	-	-	-	-	-	-	9/17
HERON, LITTLE BLUE	-	-	-	-	-	-	-	-	-	P
HERON, GREEN	-8/8(7)-9/18	-8/12	-9/15	A-7/13(6)	-8/5	-	-8/26	A	-9/2	A
NIGHT-HERON, BLACK-CROWNED	-	-	-	-7/19(4)-9/7	-	-	-	A	-	A
VULTURE, BLACK	-	-9/14(7)	-	R	-	-	-	-	-	A
TURKEY	A	R	a	R	A-9/3(43)	A	A	R	-9/9(6)	A
GOOSE, SNOW	-	-7/9	-	-	-	-	-	-	-	-
CANADA	R	R	R	R-9/29(66)	R	A	R-7/1(25)	R	R-8/19(3950)	R
DUCK, WOOD	A-9/28(50)	-	P	A-9/10(20)	A	-	A	R-9/16(1106)	A-9/16(76)	A
DUCK, AMERICAN BLACK	-	R	A	9/1(4)-29	-	-	R	R	-	-
MALLARD	R	R	R	R-9/10(40)	R	A	R	R	R-9/24(2160)	A
TEAL, BLUE-WINGED	-	-	P	-	-	-	-	-	9/16(40)-	9/17-
SHOVELER, NORTHERN	-	-	-	-	-	-	-	-	9/3-	-
PINTAIL, NORTHERN	-	-	-	9/29	-	-	-	-	9/24-	-
TEAL, GREEN-WINGED	-	-	P	9/29(4)	-	-	-	9/30	8/19-9/16(177)-	-
DUCK, RING-NECKED	7/21	-	8/1E	-	-	-	-	-	8/19-	-
MERGANSER, HOODED	-	-	-	-	-	-	-	A	8/19-	-
COMMON	-	R	-	-	A-8/27(14)	-	-	R-8/17(9)	-	-
DUCK, RUDDY	-	-	-	9/29-	-	9/25E	-	-	A-9/30(4)	-
OSPREY	8/20-	8/10	9/1-	8/14-9/20	A-9/16(10)	-	-	A	9/20	P
EAGLE, BALD	7/14-8/24	7/29	A	8/12	9/21(6)	-	8/5-27	-	R-7/5(3)	P
HARRIER, NORTHERN	A	A	A	-	R	-	7/24	R	A	A
HAWK, SHARP-SHINNED	R	R	R	R	R-9/16(8)	R	R	R	A	R
COOPER'S	R	R	R	R	R	R	R	R	R	R
GOSHAWK, NORTHERN	-	R	-	-	-	-	-	-	-	-
HAWK, RED-SHOULDERED	A	-	R	8/30	A	-	R	-	A	A
BROAD-WINGED	A-9/26(9)	A	-9/14	-8/30	A-9/16(18)	-	-8/12	-	-9/9	A
RED-TAILED	R	R	R	R	R	R	R	R	R-8/5(8)	R
KESTREL, AMERICAN	R-8/4(6)	R	R	R	R	R	R	R	R-7/30(11)	R
MERLIN	-	-	-	-	9/21-22	-	-	-	9/9	P
FALCON, PEREGRINE	-	-	8/25	-	9/17	-	-	-	-	A
BOBWHITE, NORTHERN	-	8/6	-	R	P	-	-	-	-7/16	-
RAIL, VIRGINIA	-	-	-	-	-	-	-	-	-8/12	-
SORA	-	-	-	-	-	-	P	-	9/9	-
COOT, AMERICAN	7/8	-	-	-	-	-	-	-	-	-
PLOVER, SEMIPALMATED	-	7/30	-	-	-	-	-	-	-	-
KILLDEER	A-9/29(57)	R	A	R-9/18(15)	A-7/14(40)	-	A	A	A-9/30(40)	A
YELLOWLEGS, GREATER	-	-	-	-	-	-	-	-	7/19-229(18)	9/10
LESSER	-	7/30	-	7/22	-	-	-	-	7/19-25(15)	9/10
SANDPIPER, SOLITARY	9/21	-	8/21-9/19	7/19-22	-	-	-	-	8/1	9/10

SEASONAL OCCURRENCE TABLES - JULY THROUGH SEPTEMBER 2000

	CAMBRIA	CARBON	CENTRE	CHESTER	CLARION	CLEARFIELD	CLINTON	COLUMBIA	CRAWFORD	CUMBERLAND
SPOTTED	A	-	P	A	-	-	P	7/20	-9/9	A
UPLAND	-	-	-	-	-	-	-	-	7/23-9/9	-
SANDERLING	-	-	-	-	-	-	-	-	9/9(12)-	-
SANDPIPER, SEMIPALMATED	-	7/30	-	7/30	-	-	-	-	8/19-9/9(27)-24	-
WESTERN	-	-	-	-	-	-	-	-	9/9-22	-
LEAST	-	-	-	7/22	-	-	-	-	7/15-22(16)-9/24	9/10
BAIRD'S	-	-	-	-	-	-	-	-	9/16-22(5)	-
PECTORAL	-	-	-	-	-	-	-	-	8/19-27(5)-9/30	-
SANDPIPER, STILT	-	-	-	-	-	-	-	-	7/22-9/22	-
SNIPE, COMMON	-	-	-	-	-	-	-	-	7/27	-
WOODCOCK, AMERICAN	A	-	A	-	A	-	P	-	-9/21	A
RING-BILLED	A	A-7(3(5)	-	8/26-9/26(4)-	A	-	-	-	8/19(2300)	A
HERRING	-	-	P	-	-	-	-	-	7/29(10)	A
TERN, CASPIAN	7/10-9/13(10)	-	9/12-14	-	-	-	-	-	8/26	-
FORSTER'S	8/27	-	-	9/11	-	-	-	-	-	-
CUCKOO, BLACK-BILLED	A	-	P	-	P	-	P	A	-	-
YELLOW-BILLED	A	-	A	-	-8/24	-	P	A	-	-
OWL, BARN	-	-	-	R	-	-	-	R	9/12	R
BARRED	R	R	R	R	R	R	R	R	R	R
NORTHERN SAW-WHET	-	-	-	-	-	-	-	-	-	-
NIGHTHAWK, COMMON	-	-	-8/28(8)	-	-	-	-	-	-	-
WHIP-POOR-WILL	-	-	-	8/19(7)-9/4	-9/9	-	-8/29(100)	-	-9/8	-9/17
SWIFT, CHIMNEY	-	A	-9/20	A-9/10(30+)	A-9/10(124)	-	-9/6	-	-9/25	A
HUMMINGBIRD, RUBY-THROATED	-9/20	A	A	-9/10	A-8/26(9)	-	-8/15	-	-	P
WOODPECKER, RED-HEADED	-	-	-	-	7/7-9/14	-	-9/6	-	-	-
SAPSUCKER, YELLOW-BELLIED	7/5*	-	9/23-	-	-	-	-	-	7/22	-
FLICKER, NORTHERN	A	R	-	R-9/11(5)	A	R	R	R	9/16	-
FLYCATCHER, OLIVE-SIDED	8/26	A	-	-	-	-	-	-	-	-
WOOD-PEWEE, EASTERN	A	A	-9/10	-9/14	P	-9/25	P	P	-9/16	P
FLYCATCHER, YELLOW-BELLIED	-	-	8/13	-	9/10-16	-	-	-	-	-
ACADIAN	P	-	P	-	-7/26	-	P	-	-8/19	P
ALDER	-	-	P	-	P	-	P	-	-7/22	-
WILLOW	P	A	P	7/16-22(12)	P-7/26(4)	-	P	-	-8/13(6)	P
LEAST	P	A	P	-	-	-	P	P	-9/24	P
PHOEBE, EASTERN	A	A	A	A-9/10(4)	A	A	A	A	-9/9	A
FLYCATCHER, GREAT CRESTED	-8/20	A	-9/17	-8/3	-	-	P	-	-7/8(4)	P
KINGBIRD, EASTERN	-9/6	A	-8/5	-8/14(8)	P	-	P	P	-7/29(9)-9/6	A
VIREO, WHITE-EYED	-7/10	-	-9/8	-9/4	9/14-20	-	P	P	-7/8	P
BLUE-HEADED	A	-	A	9/26-30	A	-9/25	P	A	7/30	P
YELLOW-THROATED	-9/4	-	-9/8	9/11	9/9-20	-	P	-	-7/1	P
WARBLING	-9/18	A	-9/17	-7/13	-	-	P	-	-9/2(12)	-
PHILADELPHIA	-	-	8/26-9/29	9/30	-	-	-	-	9/9(4)	9/30
RED-EYED	A	A	A	-9/11(8)-26	A-9/9(8)	-9/5	-	P	-9/2(14)-16	-
CROW, FISH	-	A	R	-9/7	-	-	A	R	-	A
RAVEN, COMMON	R	-	R	-	R	R	R	R	-	A
LARK, HORNED	-	-	R	-	9/23	-	A	R	9/24	A
MARTIN, PURPLE	-	-	-9/3	-7/30(7)	-8/7	-	P	P	-7/23(20)-8/12	-8/24
SWALLOW, TREE	A	A	P	A-9/20(150+)	-9/10	P	-	A	A-7/19(1500)	A
NORTHERN ROUGH-WINGED	P	-	P	7/9	-8/8	-	P	P	A-8/5(6)	A
BANK	-7/10	A	-	-	-	-	P	P	A-7/25(3000)	P
CLIFF	-8/8	A	-9/3	-	-7/6(20)-8/8	-	P	-	-7/1(210)-8/19	P
BARN	-8/1(120)-9/18	A	P	-8/2(50)-14	-9/10(12)-16	P	-	-	-8/5(98)-9/9	A
CHICKADEE, CAROLINA	-	R	-	R-9/29(28)	-	-	-	-	-	R
BLACK-CAPPED	-	R	R	-	-	-	R	R	R	R
NUTHATCH, RED-BREASTED	-	R	A	-	A	P	-	-	-	-
CREEPER, BROWN	R	-	R	-	R	A	-	-	-	-
WREN, HOUSE	A-8/1(20)	A	-	-9/24	P	-	-	-	-7/8(12)-8/13	A

SEASONAL OCCURRENCE TABLES - JULY THROUGH SEPTEMBER 2000

	CAMBRIA	CARBON	CENTRE	CHESTER	CLARION	CLEARFIELD	CLINTON	COLUMBIA	CRAWFORD	CUMBERLAND
WINTER	-	-	-	-	A	-	A	-	-	-
MARSH	-	-	-	-	-	-	-	-	-	-
KINGLET, GOLDEN-CROWNED	9/15	-	R	9/29(7)→	-	-	-	-	-	-
RUBY-CROWNED	9/20-29	-	9/8→	9/29→	-	A	-	-	-	-
GNATCATCHER, BLUE-GRAY	→9/11	A	→9/17	-	-	-	→7/26	P	→8/27(10)	P
VEERY	→8/20	A	A	-	-	-	-	P	→7/15	P
THRUSH GRAY-CHEEKED	-	-	-	9/30	9/26	-	-	-	-	-
SWAINSONS	-	-	9/14-20	9/30	9/26	-	-	-	-	-
HERMIT	→7/7(6)	A	A	-	A	A	-	-	-	-
WOOD	P	A	→9/21	A	→8/31	-	→7/31	P	→9/17	A
ROBIN, AMERICAN	R	R	A	A-7/19(200)	A	A	A	R	R-7/22(83)	R
CATBIRD, GRAY	A	A	A	A	A	A	→9/11	A	→7/22(14)	A
THRASHER, BROWN	A-9/3(7)	A	→9/20	→7/22	→8/31	-	→7/29	A	→7/15	A
WARBLER, BLUE-WINGED	→9/1	-	→9/11	→9/4	P	-	-	-	→9/9	→9/17
GOLDEN-WINGED	-	-	→8/19	-	-	-	-	-	-	P
TENNESSEE	8/17-9/14	-	9/3→	9/30	9/26	9/5E	-	-	→9/17	9/17
ORANGE-CROWNED	-	-	9/20	-	-	-	-	-	-	-
NASHVILLE	-	-	9/5→	9/30	9/26	-	-	-	9/2-17	9/10
PARULA, NORTHERN	-	-	→9/23	9/29-30	→7/6	-	P	P	-	→9/17
WARBLER, YELLOW	→8/26	P	P	→7/13(5)-9/3	P	-	→9/11	P	→8/12	→8/28
CHESTNUT-SIDED	→7/1(5)-9/7	-	→9/29	8/30-9/30	→8/5	→9/5	P	P	→9/3	→9/17
MAGNOLIA	9/5→	-	A	8/30-9/30	→9/23	→9/25	P	P	9/6-27	9/17
CAPE MAY	9/4-13	-	9/3→	8/30	9/15-30	-	-	-	9/27	-
BLACK-THROATED BLUE	→9/29	A	A	8/30-9/30	→9/26	→9/25	P	P	9/27	-
YELLOW-RUMPED	-	A	A	9/29(4)-30	A	A	-	A	-	A
BLACK-THROATED GREEN	A	-	A	9/18-30	→9/14(5)-23	A	P	A	→7/8(6)-9/17	A
BLACKBURNIAN	-	-	A	9/26-29	-	-	→8/26	P	9/2-27	→9/17
PINE	8/26-9/18(4)	-	A	8/30	→9/26	→9/25	P	P	→9/27	A
PRAIRIE	A	A	→9/8	9/4	→7/16	-	-	P	-	P
PALM	9/13-22(6)	-	9/5→	9/29	-	-	-	-	-	9/29(4)→
BAY-BREADED	-	-	9/10→	-	9/23-26	-	-	-	9/2	-
BLACKPOLL	-	-	9/13→	9/30	9/23-26	-	-	-	9/9	-
CERULEAN	-	-	-	-	-	-	-	-	-	-
BLACK-AND-WHITE	→9/8	A	-	→9/30	→9/2	→9/25	P	P	-	A
REDSTART, AMERICAN	→9/11	A	→9/23	→9/11	→9/23	P	P	P	→9/17	A
WARBLER, WORM-EATING	-	-	P	-	-	-	-	-	-	→9/17
OVENBIRD	→9/13	-	→9/29	A	→9/23	-	P	P	→9/17	→9/30
WATERTHRUSH, NORTHERN	-	-	P	-	-	-	-	-	→7/16	-
LOUISIANA	→8/5	-	P	-	-	-	-	P	→7/9	P
WARBLER, KENTUCKY	-	-	-	7/2	-	-	-	-	-	→9/10
CONNECTICUT	-	-	9/21-23	-	9/27	-	-	-	-	-
MOURNING	-	-	-	-	→7/9	-	-	-	-	-
YELLOWTHROAT, COMMON	A	-	-	A	A	P	A	A	→7/30(6)-9/28	9/4
WARBLER, HOODED	→6/4	-	→9/17	9/30	-	-	P	P	→9/27	→9/30
WILSON'S	9/20	-	8/25-9/23	-	-	-	-	-	9/16	-
CANADA	→9/5	→6/4	→9/11	8/24-9/14	-	-	-	-	→7/8(3)	-
CHAT, YELLOW-BREADED	-	-	P	→9/3	-	-	-	-	-	-
TANAGER, SCARLET	A	-	→9/29	→9/20	P	-	P	P	→9/8	A
TOWHEE, EASTERN	A	R	A	R	A	A	→9/26	A	→9/2	A
SPARROW, CHIPPING	A	A	A	A	A-9/26(25+)	A	→8/26	A	A	A
FIELD	A	A	A	R	A	-	→8/30	A	→8/5	A
VESPER	A	-	P	-	→8/2	-	-	P	→9/4	A
SAVANNAH	A-8/30(10)	P	P	-	→8/31	-	-	-	→9/9	A
GRASSHOPPER	→9/6	6/10	P	-	P	-	-	-	-	A
HENSLOW'S	→8/4(5)-20	-	9/29	-	→8/2	-	-	-	-	-
LINCOLN'S	-	-	9/30	9/30	9/30	-	-	-	-	9/10(3)
SWAMP	A	A	A	A	-	9/25	-	-	A-7/22(20)	A



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	CAMBRIA	CARBON	CENTRE	CHESTER	CLARION	CLEARFIELD	CLINTON	COLUMBIA	CRAWFORD	CUMBERLAND
WHITE-THROATED	8/24*	-	9/5→	9/27→	9/23→	9/25→	8/15→	P	-	9/30
JUNCO, DARK-EYED	A	-	R	-	R	A	A	R	→7/9-23	-
GROSBARK, ROSE-BREADED	→9/14	A	A	→9/20	→9/14	→9/25	→9/17	A	→9/2(5)-16	A
BLUE	-	-	-	→9/30	-	-	-	-	-	-
BUNTING, INDIGO	A	-	A	→8/3(20)-9/7	A	P	→8/6	P	→8/9	A
BOBOLINK	-	-	-	→9/4(500)-20	→8/30	-	P	P	→8/19(5)	-
BLACKBIRD, RED-WINGED	A	A	A	A	A	-	A	A	A-9/24(800)	A
MEADOWLARK, EASTERN	A	A-7/8(9)	A	A	P	-	P	A	A-7/1(10)	A
GRACKLE, COMMON	A	A	A	R-8/27(250)	P	A	A-9/7(1000+)	P	A-8/5(91)	A
COWBIRD, BROWN-HEADED	A	A	A	R	P	A	A	R	A-8/12(10)	A
ORIOLE, ORCHARD	-	-	-	→7/9	-	-	P	-	-	-
BALTIMORE	→8/20	A	-	→9/4	→9/3	P	P	P	→9/15	P
FINCH, PURPLE	P	-	-	-	A	A	A	A	7/9	-

	DAUPHIN	DELAWARE	ERIE	FAYETTE	FOREST	FULTON	GREENE	HUNTINGDON	INDIANA	JUNIATA
LOON, COMMON	-	-	SEP→	-	-	-	-	-	-	-
GREBE, PIED-BILLED	-	9/16	AUG→	-	-	-	-	P	9/19-21(28)→	A
CORMORANT, DOUBLE-CRESTED	A	A-9/16(79)	A	-	-	-	-	9/22→	7/26→	A
HERON, GREAT BLUE	A	R	A	R	A	A	A	R	A	A
EGRET, GREAT	A	8/5-13(4)→	A	-	-	7/28-8/19	-	7/27-9/16	7/13-8/15	A
SNOWY	8/3-9/8	8/5-13	-	-	-	-	-	-	-	-
HERON, LITTLE BLUE	-	8/5-13	-	-	-	-	-	-	-	-
HERON, GREEN	→SEP	A	A	→8/19	-	A-8/19(4)	→9/16	P	→8/9(6)-9/19	A
NIGHT-HERON, BLACK-CROWNED	→SEP	P	8/25	-	-	A	-	7/30-8/27	-	P
VULTURE, BLACK	A	R	R	-	-	A	-	R	-	R
TURKEY	R	R	A	→9/17	A-7/25(21)	A-7/3(14)	A	R	A-9/23(41)	R
GOOSE, SNOW	-	9/28	-	-	-	-	-	-	-	-
CANADA	R	R-9/28(4083)	R	R	A-7/26(60)	R-7/28(89)	R	R	R-8/31(201)	R
SWAN, MUTE	-	-	-	7/22	-	-	-	-	-	A
DUCK, WOOD	A-9/10(50+)	A-9/16(21)	A	A-7/22(9)	-	A-9/3(17)	-	A	A-9/3(15)	A
DUCK, AMERICAN BLACK	R	R	A	-	-	-	P	-	-	A
MALLARD	R	R	A	R	A	R-8/19(9)	R	R	A-9/19(16)	R
TEAL, BLUE-WINGED	-	-	P	-	-	8/19(4)	-	-	8/29-9/21(33)→	-
SHOVELER, NORTHERN	-	-	8/24→	-	-	-	-	-	-	-
TEAL, GREEN-WINGED	9/20→	-	-	-	-	-	-	-	-	-
DUCK, RING-NECKED	-	-	8/27→	-	-	-	-	-	-	-
MERGANSER, HOODED	A	-	P	-	-	8/19	-	-	9/19→	-
COMMON	-	-	-	-	-	-	-	-	-	9/26
DUCK, RUDDY	-	9/27	P	-	-	-	-	-	-	-
OSPREY	P	8/3-9/28(40)→	8/24→	-	7/26-8/22	P	-	9/4-21(14)→	8/22→	9/4→
EAGLE, BALD	R	8/15-9/5(4)→	P	-	8/17	P	-	R	8/18	A
HARRIER, NORTHERN	P	8/15-9/24(8)→	P	-	-	7/26→	-	9/4-27(3)→	8/31→	A
HAWK, SHARP-SHINNED	R	8/17-9/14(83)→	P	R	R	R	R	R-9/27(24)	A	A
COOPER'S	R	R-9/14(7)	P	R	R	R	R	R-9/16(7)	A	A
GOSHAWK, NORTHERN	-	9/27	-	-	-	-	-	R	-	-
HAWK, RED-SHOULDERED	R	8/15-9/27(4)→	P	R	-	9/3→	P	R	A	A
BROAD-WINGED	A	A-9/22(3336)	P	→7/22	-	A	P	→9/25(435)-28	→9/26(24)-30	A
RED-TAILED	R	R	-	R	R	R	R	9/22-30(3)	-	R
EAGLE, GOLDEN	-	9/14	-	-	-	-	-	-	-	-
KESTREL, AMERICAN	R	R-9/28(33)	R	R	R	R	R	R-9/16(10)	R	A
MERLIN	-	9/4-13(6)→	9/9-22	-	-	9/5	-	9/4→	-	9/5
FALCON, PEREGRINE	A	A	9/4-23	-	7/10-9/23	-	-	9/4→	-	-
BOBWHITE, NORTHERN	P	P	-	-	7/26	-	-	-	-	-
RAIL, VIRGINIA	-	9/22	P	-	-	-	-	-	-	-

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	DAUPHIN	DELAWARE	ERIE	FAYETTE	FOREST	FULTON	GREENE	HUNTINGDON	INDIANA	JUNIATA
SORA	-	-	P	-	-	-	-	7/29	-	-
COOT, AMERICAN	8/17→	-	8/24→	-	-	-	-	-	9/21(44)→	-
PLOVER, BLACK-BELLIED	-	-	JUL→	-	-	-	-	-	-	-
SEMPALMATED	-	8/5-13	P	7/26	8/6	-	-	-	9/19	-
KILLDEER	A	R	A-8/19(41)	A-7/26(6)	A-7/16(41)	-	A	A	A-7/28(60)	A
YELLOWLEGS, GREATER	P	8/5(8)→	P	7/16-29	-	-	-	-	-	-
LESSER	9/11(3)	8/5(4)→	P	7/29	8/19	-	-	-	-	-
SANDPIPER, SOLITARY	-	8/5(4)→	P	7/22-8/19	7/16-8/26	-	-	8/17	-	-
SPOTTED	→9/11	P	A	→7/29	7/26-9/3	-	-	-	A	P
SANDLERLING	-	-	-	-	-	-	-	-	9/22(5)	-
SANDPIPER, SEMIPALMATED	9/19	8/5(400)	P	-	-	-	-	-	-	-
WESTERN	-	8/5	-	-	-	-	-	-	-	-
LEAST	9/11	8/5(200)	JUL-SEP	7/22-8/19	8/12(3)	-	-	-	-	-
BAIRDS	-	-	8/25-9/9	-	-	-	-	-	-	-
PECTORAL	-	-	P	-	8/24	-	-	-	9/22	-
SANDPIPER, STILT	-	-	9/12	-	-	-	-	-	-	-
SNIPE, COMMON	-	-	P	-	-	-	-	-	-	-
WOODCOCK, AMERICAN	P	A	A	-	-	-	-	-	-	A
RING-BILLED	A	A	A	-	-	-	-	-	7/18(6)	A
HERRING	P	A	A	-	-	-	-	-	-	P
GREAT BLACK-BACKED	A	A	A	-	-	-	-	-	-	-
TERN, CASPIAN	8/12-9/28	8/5-29(6)-9/16	A	-	-	-	-	-	-	-
FORSTER'S	-	8/5-13(55)→	P	-	-	-	-	-	-	-
CUCKOO, BLACK-BILLED	→8/20	9/16	P	→7/26	→7/16	-	P	P	→8/22	P
YELLOW-BILLED	→SEP	P	P	→7/2	→7/16(4)-8/24	-	P	→9/3	A-8/20(3)	P
OWL, BARN	R	P	-	-	-	-	-	P	R	R
BARRED	R	-	R	R	R	R	R	R	R	R
NORTHERN SAW-WHET	-	9/30	-	-	-	-	-	→10/3	-	-
NIGHTHAWK, COMMON	→9/8	A-9/2(315)	P	-	→9/9	-	-	→8/30(45)-9/1	→8/29(12)-9/11	→8/16(35)-22
WHIP-POOR-WILL	P	-	-	-	7/9/11	-	-	-	→7/8	-
SWIFT, CHIMNEY	A-9/19(1000+)	A-9/4(637)	A	→7/22(15)	→7/25	→9/8(36)	A	A	A-9/19(62)	A
HUMMINGBIRD, RUBY-THROATED	→9/24	A-9/8(14)	→SEP	→7/22	→9/19	→9/8	→9/21	→9/16	→9/14(4)-27	→9/27
WOODPECKER, RED-HEADED	-	-	A	-	-	-	-	R	-	-
SAPSUCKER, YELLOW-BELLIED	9/27→	-	P	-	-	-	9/16→	9/29→	9/16→	-
FLICKER, NORTHERN	R	R-9/29(13)	A	R	A	R	R	R	A-9/19(6)	R
FLYCATCHER, OLIVE-SIDED	-	-	8/28	-	-	-	-	-	9/8	-
WOOD-PEWEE, EASTERN	→9/13	→9/27	A	→9/17	→8/27	→7/26(4)-9/8	→9/16	→9/17	→8/24(4)-9/30	P
FLYCATCHER, YELLOW-BELLIED	-	-	P	-	-	9/17	-	-	-	P
ACADIAN	P	→9/9	P	→7/2(5)-22	→7/26(7)-31	-	→9/16	P	→7/27	P
ALDER	-	-	P	-	-	-	-	P	-	-
WILLOW	→AUG	→8/5	P	→7/22	-	→7/28	→9/16	P	→7/4	P
LEAST	9/16	-	P	7/2	-	-	-	-	-	P
PHOEBE, EASTERN	A	A	A	→9/17	A	A-7/30(5)	A	A	A-9/5(6)	A
FLYCATCHER, GREAT CRESTED	→SEP	→8/19	P	7/3	→8/10	→9/6	→9/16	P	→7/22	P
KINGBIRD, EASTERN	→SEP	→8/5(10)-22	→SEP	→7/29	P	→8/12	→9/16	P	→7/27(9)-8/22	P
VIREO, WHITE-EYED	→9/22	A-7/13(5)	P	→7/22	-	P	→9/16	-	A-8/21(5)	P
BLUE-HEADED	A	-	P	→7/2(6)-15	A	9/3-9(4)→	9/16	A	A-9/19(4)	A
YELLOW-THROATED	P	→9/2	-	→9/17	-	→9/17	→9/25	→9/17	→9/24	P
WARBLING	→8/22	-	P	→7/22	-	P	→9/16	-	-	P
PHILADELPHIA	-	A	P	-	-	9/17-23	-	-	9/19	-
RED-EYED	→9/13	A	A	→7/29	→7/25(21)-9/9	→7/30(12)-9/29	→9/16	A	→9/4(16)-23	P
CROW, FISH	R	A	-	-	8/6	-	-	-	A09/29(7)	→9/21
RAVEN, COMMON	R	-	-	R	R	R-8/19(11)	R	R	A	A
LARK, HORNED	P	-	A	-	-	-	-	-	-	-
MARTIN, PURPLE	→7/17(12)	→8/19	→SEP	-	-	-	-	-	-	→8/18
SWALLOW, TREE	A	A	A	→7/22	-	A-8/11(4)	P	→9/16	A-9/26(42)	A
NORTHERN ROUGH-WINGED	A	→9/27	P	→7/16	→7/12	→7/31	P	-	→9/26	P

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	DAUPHIN	DELAWARE	ERIE	FAYETTE	FOREST	FULTON	GREENE	HUNTINGDON	INDIANA	JUNIATA
BANK CLIFF	→8/22(100+) →AUG	8/30 P	→SEP P	- →7/29(23)	- →7/12(10)-26	7/30 8/24	- -	- -	- →821(7)-9/26	- P
BARN	A	→8/5(65)-9/27	→SEP	→7/15(15+)	→7/26	→7/30(117)-8/11	→9/3	P	A-8/4(25)	A
CHICKADEE, CAROLINA	R	R	R	R	R	R	R	R	R	A
BLACK-CAPPED NUTHATCH, RED-BREADED	-	9/27→	P	-	R	R	-	R	R-9/12(14)	A
CREEPER, BROWN	R	-	P	-	R	R	-	R	A	-
WREN, HOUSE	A	→9/27	→SEP	→7/22	→9/11	→7/30	→9/16	R	A	-
WINTER	-	9/25	SEP→	7/2	→7/25	9/29→	-	R	A-9/17	P
MARSH	-	P	A	-	-	9/29→	-	-	9/30(4)	P
KINGLET, GOLDEN-CROWNED	9/30→	9/27→	SEP→	7/3	7/6	9/29→	-	-	7/4-9/30(5)→	-
RUBY-CROWNED	SEP→	9/16-29(6)→	SEP→	→9/17	→7/26	9/29→	9/16→	9/5→	9/15-16(5)→	-
GNATCATCHER, BLUE-GRAY	→9/25	→9/9	P	→9/17	→7/26	→9/3	P	→9/4	→8/22	P
VEERY	→SEP	P	P	7/2-3	→7/12	-	-	→9/4	-	-
THRUSH, GRAY-CHEEKED	-	-	P	-	-	-	-	-	-	-
SWAINSON'S	P	9/29	P	-	-	9/8	9/21	9/17-26	9/23→	P
HERMIT	R	-	P	→7/15	A-7/26(7)	-	-	R	-	A
WOOD	→9/27	→9/29	P	→7/15	→9/18	→9/17	→9/22	P	-	A
ROBIN, AMERICAN	R	R	A	A	A-7/25(10)	A	R	-	A-9/4(63)	A
CATBIRD, GRAY	A	A-9/16(20)	A	P	A-8/27(4)	A-7/30(8)	A	A	A-9/12(17)	A
THRASHER, BROWN	A	A	P	→7/22	P	→9/23	→9/16	→8/6	→9/19	P
WARBLER, BLUE-WINGED	P	→8/10	P	-	P	P	→9/16	-	→9/19	P
GOLDEN-WINGED	P	9/9	P	-	P	P	-	-	→8/11(3)	P
TENNESSEE	-	9/27	P	-	-	-	-	-	9/16→	-
ORANGE-CROWNED	-	-	9/16	-	-	-	-	-	9/26	-
NASHVILLE	-	9/16→	P	-	P	9/8-23	-	9/16-17	8/22→	P
PARULA, NORTHERN	P	→9/27	P	→7/2	P	→9/9	P	→9/26	-	P
WARBLER, YELLOW	→SEP	→9/17	P	→7/29	P	→7/30	→9/16	-	→7/22	P
CHESTNUT-SIDED	→9/14	→9/12(4)-27	P	→7/2	P	-	-	→9/4	→9/19	P
MAGNOLIA	→9/25	8/19	P	→7/3	P-7/26(6)	9/3-29	9/4→	→9/17	8/26-9/12(4)→	P
CAPE MAY	-	-	P	-	-	9/23-29	-	9/17-30	9/7-30	P
BLACK-THROATED BLUE	A	9/16-27(7)	P	→7/2(6)-9/17	P	9/8(4)-29	-	A	9/16→	P
YELLOW-RUMPED	SEP→	9/27→	SEP→	7/20	A	9/16→	9/16→	A	SEP→	-
BLACK-THROATED GREEN	A	9/2-16(8)→	P	→7/2(15)-9/17	A-7/6(6)	→9/17(8)-29	9/16→	A	A-9/19(22)	P
BLACKBURNIAN	→SEP	9/16	P	→7/3	P	7/16-9/29	-	→9/4	→9/12(6)-23	P
YELLOW-THROATED	-	-	-	→7/22	-	-	P	-	→9/16	-
PINE	A	-	-	-	→9/23	P	-	P	A-9/12(4)	P
PRAIRIE	→SEP	P	-	→7/15	-	→7/16(6)	P	-	→9/11	P
PALM	SEP→	9/29	-	-	-	9/23→	-	-	9/27→	P
BAY-BREADED	-	9/17	P	-	-	9/8-23	-	-	9/4→	P
BLACKPOLL	-	9/16-29	P	-	-	9/29	-	9/17→	9/19→	-
CERULEAN	P	-	P	→7/3	-	P	P	-	-	-
BLACK-AND-WHITE	A	8/10-9/2(4)-17	P	→7/2	P	→9/6	P	→9/17	→9/19	P
REDSTART, AMERICAN	→9/23	→9/9(6)-29	A	→7/2(12)-9/17	P	→9/9(4)-23	→9/16	→9/17	A-9/12(4)	P
WARBLER, WORM-EATING	→AUG	7/13	P	-	P	→7/16	-	P	-	P
OVENBIRD	A	→8/14	P	→7/2	P	→9/8	P	P	→9/30	P
WATERTHRUSH, NORTHERN	P	8/19	-	-	P	-	-	-	-	P
LOUISIANA	P	P	-	→7/3	P	→7/16	→8/16	-	→8/8	P
WARBLER, KENTUCKY	P	-	-	-	-	-	P	P	-	-
CONNECTICUT	9/19	-	9/16	-	-	-	-	-	-	-
MOURNING	-	-	-	-	P	-	-	9/11	-	-
YELLOW-THROAT, COMMON	A	A-9/27(6)	A	→7/22(6)	A-7/26(4)	A-7/30(16)	→9/16	A	A-9/7(7)	P
WARBLER, HOODED	→AUG	→9/11	P	→7/2(7)-15	P	→9/6	→9/16	P	→9/26	P
WILSON'S	9/14	-	P	-	-	-	-	-	-	-
CANADA	-	8/14-9/16	P	→7/2(7)	P	9/8-23	-	P	-	P
CHAT, YELLOW-BREADED	→8/24	P	-	→7/16	-	→7/16(4)	P	-	→7/4	P
TANAGER, SCARLET	→SEP	→9/16	P	→7/2(8)-9/17	P	→9/9	→9/29	→9/19	→9/4(4)-26	P

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	DAUPHIN	DELAWARE	ERIE	FAYETTE	FOREST	FULTON	GREENE	HUNTINGDON	INDIANA	JUNIATA
TOWHEE, EASTERN	A	R	A	→9/17	A	A-7/30(10)	A	A	A-9/26(16)	A
SPARROW, CHIPPING	A	A	A	→7/22(6)	A-9/19(10)	A-7/30(12)	A	A	A-9/4(24)	A
FIELD	A	R	A	→7/22(5)	P	R-7/30(6)	A	R	A-9/17(26)	A
VESPER	→SEP	-	A	-	-	→7/30	-	P	→8/21	A
SAVANNAH	A	-	P	-	P	A	→9/16	P	→7/14	A
GRASSHOPPER	→SEP	-	P	→7/22	-	→7/30(15)	P	-	→7/27	P
HENSLOW'S	-	-	P	→7/22(6)	-	-	-	-	→7/4	-
LINCOLN'S	-	-	P	-	-	-	-	-	9/26→	-
SWAMP	P	R	A	→7/15	A	-	P	-	A	A
WHITE-THROATED	9/20→	9/26→	SEP→	-	-	9/17-29(4)→	-	-	9/26(6)→	-
JUNCO, DARK-EYED	-	8/14→	P	-	R	9/29→	9/16(7)→	R	-	P
GROSBEAK, ROSE-BREADED	→SEP	7/22-9/17(5)→	P	→7/3	P	→9/23(6)	P	P	A-9/17(7)	P
BLUE	→8/8	-	8/11	-	-	-	-	-	-	-
BUNTING, INDIGO	→9/28	→9/17	A	→7/22(13)-29	P-7/26(10)	-	→9/16(5)	A	A-7/22(8)	P
BOBOLINK	→SEP	8/31	P	→7/22(11)	-	-	P	-	→7/14(5)	P
BLACKBIRD, RED-WINGED	A	R	A	A	A-7/26(65)	A	A	P	A-7/4(96)	A
MEADOWLARK, EASTERN	A	-	A	→7/22(8)	-	R-7/30(9)	A	P	A-7/14(12)	A
GRACKLE, COMMON	A-9/11(500+)	R	A	A	A-7/23(30)	A	A	P	A-8/29(620)	A
COWBIRD, BROWN-HEADED	R	R	A	A	A	P	A	R	A	A
ORIOLE, ORCHARD	P	P	-	-	-	→7/26(4)	P	→7/26	→7/14	P
BALTIMORE	→SEP	→9/2(6)-13	P	→8/19	→9/10	→9/8	P	→7/4	→9/4(10)	P
FINCH, PURPLE	-	-	P	R	A	-	-	-	A-9/26(9)	-
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	LEBANON	LUZERNE	LYCOMING	MERCER	MIFFLIN	MONTGOMERY	MONTOUR	PERRY	PHILADELPHIA	SCHUYLKILL
LOON, COMMON	-	-	-	-	-	-	-	-	-	9/29→
GREBE, PIED-BILLED	7/30E→	-	-	9/23	-	-	-	-	8/27	7/15→
CORMORANT, DOUBLE-CRESTED	→9/17	A	-	A-9/24(40)	8/11-9/29(11)	A-9/16(8)	-	A	A	8/7-9/22(109)→
HERON, GREAT BLUE	R	A	→9/15	R	A-9/27(5)	A	R	A	A	R
EGRET, GREAT	A	A	-	→SEP	9/16→	A-7/24(13H)	8/3-9/17	A	A	7/15→
SNOWY	-	-	-	-	-	-	-	8/3	8/13→	-
HERON, LITTLE BLUE	-	-	-	-	-	7/9-8/14	-	-	8/27→	-
HERON, GREEN	→9/24	A	A	→9/22	A-9/6(4)	→9/16	A	A	→8/24	A
NIGHT-HERON, BLACK-CROWNED	→9/2	-	-	-	9/17	7/29	-	-	→9/26	7/16-30
VULTURE, BLACK	R	P	-	-	R-9/18(28)	R-9/13(15)	8/8	R	A	P
TURKEY	R	A	A	A	R-9/20(27)	R-9/15(41)	A-8/23(54)	R	A	A
GOOSE, SNOW	A-7/23(4)	9/27	-	-	-	-	-	-	A	-
CANADA	R	R	R	R	R-8/4(178)	R	R	R	R	R
SWAN, MUTE	-	A	-	9/9	-	-	-	-	-	-
DUCK, WOOD	A	R	-	A	R-9/4(10)	A	A	R	A	-
DUCK, AMERICAN BLACK	R	R	7/8(6)	-	R-8/25(6)	8/17→	-	-	R	8/14→
MALLARD	R	R	R	R	R	A	R	R	R	R
TEAL, BLUE-WINGED	7/14E	-	-	-	-	8/12(5)-9/16	-	9/16	9/10→	8/13-9/17(5)
SHOVELER, NORTHERN	9/24→	-	-	-	-	9/16→	-	-	9/24→	-
PINTAIL, NORTHERN	-	-	-	-	-	8/17-9/24(22)→	-	-	9/16→	8/13
TEAL, GREEN-WINGED	-	-	-	-	-	-	-	-	JUL→	-
DUCK, RING-NECKED	A	-	-	-	-	-	-	-	-	-
MERGANSER, HOODED	-	R	-	-	-	-	-	-	-	-
COMMON	-	R	R	-	-	8/19E(13)→	→9/22(6)	-	-	-
DUCK, RUDDY	-	-	-	9/23(6)	-	-	-	-	7/19→	→9/17
OSPREY	P	A	7/2-9/6	A	9/14	A	-	P	A	A
EAGLE, BALD	A	A	7/2-9/4	R	9/14-20	A	-	A	7/1-SEP	8/4-9/28(16)→
HARRIER, NORTHERN	9/17(3)→	A	-	9/30	9/14	9/24→	A	A	8/15→	8/5→
HAWK, SHARP-SHINNED	R	R	R	R	R	8/24→	-	A	P	R
COOPER'S	R	R	R	R	R	R	R	A	A	R
GOSHAWK, NORTHERN	R	R	-	-	-	-	-	-	-	R
HAWK, RED-SHOULDERED	R	R	-	R	A	8/26→	-	A	8/24→	R
BROAD-WINGED	A	A	-	→9/23	A-9/14(672)	→9/22	-	A	→9/24(24)	A

SEASONAL OCCURRENCE TABLES - JULY THROUGH SEPTEMBER 2000

	LEBANON	LUZERNE	LYCOMING	MERCER	MIFFLIN	MONTGOMERY	MONTOUR	PERRY	PHILADELPHIA	SCHUYLKILL
RED-TAILED	R	R	R	R	R	R	R	A	R	R
EAGLE, GOLDEN	P	-	-	-	9/3	-	-	-	-	9/28→
KESTREL, AMERICAN	R	R	R	R	R	R	R	A	R	R
MERLIN	P	9/16	-	-	P	-	-	P	-	8/20→
FALCON, PEREGRINE	P	R	-	-	P	8/2E	-	P	R	9/12→
BOBWHITE, NORTHERN	-	-	-	-	-	-	-	-	-	7/2-28
RAIL, VIRGINIA	-	P	-	-	-	-	-	-	7/30	-
SORA	-	A	8/6	-	-	-	-	-	-	-
COOT, AMERICAN	-	9/16	-	8/19	-	-	-	9/16	-	-
POLOVER, BLACK-BELLIED	-	-	-	9/24	-	-	-	-	9/10	8/28
SEMPALMATED	-	-	-	-	-	7/23-24(5)-26	-	-	7/15-8/15	-
KILLDEER	8/6-19	-	-	-	-	A-7/25(72)	A	A	-	-
YELLOWLEGS, GREATER	R-8/19(195H)	R	A	A-9/23(35+)	R-9/10(16)	7/19-26(8)-9/5	A	A	R	9/24
LESSER	8/19E→	9/16(3)	-	9/24	8/28	7/6-26(73)-9/9	-	-	A	8/22
SANDPIPER, SOLITARY	7/14-9/24	-	-	9/23(14)-24	-	7/19(4)-9/5	-	-	A	8/30
SPOTTED	7/23-28(8)-8/6	-	-	8/9-9/23	-	→7/13(6)-8/17	→7/1(3)	-	8/30	7/26-8/5(9)-17
SANDLERLING	→8/19	→9/16	-	→9/23	→9/10	7/26	-	-	A	→9/8
SANDPIPER, SEMPALMATED	-	-	-	9/23(4)	-	7/25(12)-9/9	-	-	-	7/26(9)
WESTERN	8/6	-	-	-	-	7/26	-	-	7/15-9/2(4)	-
LEAST	7/23-8/6(35)-9/2	→9/16	-	8/26-9/23(5)	-	7/13-14(106)-9/17	-	-	8/30(5)	7/22-26(4)
BAIRDS	8/6	-	-	9/23-24(3)	-	-	-	-	-	-
PECTORAL	7/28-8/4(14H)	P	-	8/26-9/23(20)-24	-	7/26(10)-29	-	-	9/24	-
SANDPIPER, STILT	9/24	-	-	9/24	-	7/26(11)-29	-	-	-	-
SNIPE, COMMON	-	-	-	→9/24	-	-	-	-	SEP	7/26→
WOODCOCK, AMERICAN	-	A	-	-	→7/7	-	-	A	A	A
RING-BILLED	A	A	-	A	-	-	-	A	A	7/3
HERRING	-	-	-	9/23	7/10	-	7/9	A	A	8/28
GREAT BLACK-BACKED	-	-	-	-	-	-	-	A	A	-
TERN, CASPIAN	-	-	-	-	-	8/13-18(12)-25	8/20	9/16	AUG	8/28
FORSTER'S	-	-	-	-	-	7/30-8/1	-	-	7/16→	-
CUCKOO, BLACK-BILLED	-	→SEP	-	→7/11	A-8/6(5)	9/23	-	P	9/10→	→7/9
YELLOW-BILLED	→7/30	→SEP	-	→9/10	A-9/1(8)	-	-	P	-	→7/16
OWL, BARN	R	R	R	R	R	9/23-30	-	R	-	R
NORTHERN SAW-WHET	-	R	R	-	-	-	-	R	-	R
NIGHTHAWK, COMMON	-	R	-	-	-	-	-	-	-	-
WHIP-POOR-WILL	→9/4	-	→8/28(22)-9/9	→9/9	AUG(22+)	-	-	P	→9/28	→9/2(7)
SWIFT, CHIMNEY	-	P	→8/13	-	P-JUL(10)	-	-	P	-	8/26
HUMMINGBIRD, RUBY-THROATED	→9/27(350)	A	→9/21	A	A-9/18(150+)	→9/22	A	A	A-9/2(1000)	A
WOODPECKER, RED-HEADED	→9/17	A	→9/27	→9/30L	A	→9/16	-	9/16	A	→9/22
WOODPECKER, YELLOW-BELLIED	R	R	-	R	-	-	-	-	-	-
Flicker, Northern	R-9/17(15)	R	A	R	9/30	9/29→	R	9/30→	9/29	8/17→
SAPSUCKER, YELLOW-BELLIED	-	R	-	-	-	-	-	-	A	R
Flycatcher, Olive-sided	8/26	-	-	-	-	→9/27	-	9/10	-	8/21-9/7
WOOD-PEWEE, EASTERN	→9/3(15)-24	A	-	→9/23	→9/20(6)	-	P	A	→9/29	A
Flycatcher, Yellow-bellied	-	P	-	8/27	-	-	-	9/16-30	9/16-30	8/22-9/9
ACADIAN	-	→SEP	-	→9/27L	-	-	-	P	7/22(25)-9/7	→7/14
ALDER	9/3	→SEP	-	-	-	-	-	-	-	→7/29
WILLOW	→7/23(4)-30	→SEP	-	-	-	→8/17	-	P	A	→7/16
LEAST	-	→SEP	-	7/31	-	-	-	P	-	→9/19
PHOEBE, EASTERN	A	A	→8/8	A	A-7/6(12)	A	A	A	A	A
Flycatcher, Great Crested	→9/17	P	→7/4	→8/29	A-7/6(8)	P	-	→9/17	P	→9/9
KINGBIRD, EASTERN	→8/4	P	-	→SEP	→9/6	→8/29	→7/16	A	→AUG	→9/30
VIREO, WHITE-EYED	A	-	-	-	→9/4	P	-	→9/17	A	→8/17
BLUE-HEADED	A	A	A-9/30(4)	-	A-9/28(4)	8/24→	-	A	9/22	A
YELLOW-THROATED	-	A	-	→SEP	-	P	-	P	7/16	→9/20
WARBLING	→7/23	→SEP	-	→9/10	-	→9/14	P	→9/16	→9/10	→9/9
PHILADELPHIA	9/9	9/16(3)	-	9/5-23	9/8	9/14	-	9/2-30	9/22-26	9/7-17(9)-28

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	LEBANON	LUZERNE	LYCOMING	MERCER	MIFFLIN	MONTGOMERY	MONTOUR	PERRY	PHILADELPHIA	SCHUYLKILL
RED-EYED CROW, FISH	-9/17(14)	A	A	-9/24	A-7/4(12)	-9/23	A	A	A	A
RAVEN, COMMON	R	R	-	-	A	A	A	A	R	P
LARK, HORNED	R	R	-	9/28	A-8/6(7)	-	-	A	-	R
MARTIN, PURPLE	-7/23(15)-8/5	P	-7/10(75+)	9/28	A-9/1(200+)	P	-7/19(4)	P	-	7/4-8(11)
SWALLOW, TREE	-9/27(60000)	A	-	A-9/23(650+)	A-8/11(20)	A	A	A	-	-9/11
NORTHERN ROUGH-WINGED	-8/5	P	-	-8/26	A-8/14(5)	P	P	P	A	A
BANK SWALLOW	-8/5(30)	P	-	-8/26	A-SEP(12)	P	-	P	8/15(15)	-8/8
CLIFF SWALLOW	-8/5	P	-	-8/26	9/20(75)	P	-	P	-	-9/2
BARN SWALLOW	-8/4(400)-5	P	-	-9/23(5)	A-9/20(50)	A	A	A	A	A
CHICKADEE, CAROLINA	R	-	-	-	-	R	-	R	R	-
BLACK-CAPPED CHICKADEE	R	R	R	9/28	7/10	-	R	R	-	R
NUTHATCH, RED-BREASTED	-	R	-	9/28	A	-	-	A	-	R
CREEPER, BROWN	R	R	R	-	A	9/2-	-	A	-	R
WREN, HOUSE	-9/17	A	-	-9/18	A-8/6(8)	-9/30	A	A	-9/29	-
WINTER WREN	-	R	-	9/24-	8/2	-	-	A	-	9/6-
MARSH WREN	-	-	-	-	-	-	-	-	A	-
KINGLET, GOLDEN-CROWNED	R	R	A	9/29-	-	9/28-	-	A	-	R
RUBY-CROWNED KINGLET	9/16-	9/16-	A	9/24-	-	9/28(6)-	-	9/16-	9/26(5H)-	9/6-
GNATCATCHER, BLUE-GRAY	-	9/16	A	9/24-	A-8/6(5)	-9/19	-	P	-9/30	-9/17
VEERY	-	P	-	-SEP	-7/6	P	-	A	-9/29	-9/3
THRUSH, GRAY-CHEEKED	-	P	-	-	-	-	-	-	-	-
SWAINSONS THRUSH	9/16(4)-24	-9/16	-	9/7-28	-	9/23	-	9/2-	-9/30	9/8
HERMIT THRUSH	R	A	A	-	-	-	-	A	SEP	A
WOOD THRUSH	-9/24(25)	-9/16	-7/16	-9/27	A-8/16(8)	A	P	A	-9/29	-9/19
ROBIN, AMERICAN	R	R-9/16(157)	R	R	R	R	A	R	R	R
CATBIRD, GRAY	A-9/3(45)	A-9/16(44)	A	A	A	A	A	A	A	A
THRASHER, BROWN	-9/16	A	-	-9/28	A	-9/19	A	A	A	A
WARBLER, BLUE-WINGED	-	P	-	-9/11	-9/6	-9/17	-	-9/16	P	-8/28
GOLDEN-WINGED WARBLER	-	P	-	-	-AUG	-	-	P	-	-8/28
TENNESSEE WARBLER	9/9(20)	-	-	9/17-25	-	-	-	9/2-30	9/22	9/4-29
ORANGE-CROWNED WARBLER	-	-	-	-	-	9/30	-	9/10-30	-	-
NASHVILLE WARBLER	9/17	-9/16	9/30	9/17-20(5)	-	9/30	-	-9/16	9/9-28	8/27-
PARULA, NORTHERN	-9/17	P	-	9/6	P	P	-	-9/16	9/6(6)	-9/24
WARBLER, YELLOW	-	A	-	-9/13L	-9/11(6)	P	P	P	-9/9	-8/7
CHESTNUT-SIDED WARBLER	-9/17(15)	P	-	-9/20	-	9/7	-	P	A-8/21(6)	-9/28
MAGNOLIA WARBLER	-9/16(25)-24	A	-	8/27-9/23	-	9/4-	-	9/2-16(14)-30	9/10-26(8)-29	A
CAPE MAY WARBLER	-	A	-	-	9/16	-	-	9/10	-	8/26-
BLACK-THROATED BLUE WARBLER	-	A	-	9/24	P	9/14	-	A	9/26(5)	A
YELLOW-RUMPED WARBLER	-	A	A	-	A-7/10(4)	9/29-	-	A	SEP-	A
BLACK-THROATED GREEN WARBLER	A-9/16(35)	A	A	8/29-	-9/9	9/9-	-	A-9/16(31H)	9/26(10)	A
BLACKBURNIAN WARBLER	-9/17	A	-	8/29	P	8/23	-	-9/17	SEP	A-9/18(10)
YELLOW-THROATED WARBLER	-	P	-	-	-	-	-	P	-	-
PINE WARBLER	-	P	-	-	-	P	-	-	7/22(4)-AUG	A
PRAIRIE WARBLER	-9/17L	A	-	-	P	-9/22	-	P	-AUG	-9/22
PALM WARBLER	-	P	-	9/5-	-	9/29-	-	9/30-	9/16-	9/24-
BAY-BREASTED WARBLER	9/9-17	P	-	9/8	-	9/11-25	-	9/10-16	9/26	8/22-
BLACKPOLL WARBLER	9/24	9/16-	-	8/31-9/12	8/1	9/22	-	P	SEP	9/9-
CERULEAN WARBLER	-	P	-	-	-	-	-	P	-	-
BLACK-AND-WHITE WARBLER	-9/17	A	-	7/19-9/24	P	-9/23	-	A	8/13-9/26(7)-29	A
REDSTART, AMERICAN	-9/17	A	-	A	-AUG	-9/27	-	A	-9/29(5)	-9/17
WARBLER, WORM-EATING	-	P	-	-	A	-8/17	-	-9/16	SEP	-9/14
OVENBIRD	-9/24	P	-	-9/24	-9/18	-10/2	P	A-9/2(33H)	-9/28(7)	-9/19
WATER THRUSH, NORTHERN	-	-9/16	-	9/16	-	8/5-10/2	-	P	7/30	-
LOUISIANA WATER THRUSH	-7/30L	P	-	-	-	P	-	-	-7/22(6)-8/11	-7/19
WARBLER, KENTUCKY	-	-	-	-	-	-9/17	-	-9/17	-	-
CONNECTICUT WARBLER	-	-	-	-	-	9/14	-	9/10	-	-

SEASONAL OCCURRENCE TABLES - JULY THROUGH SEPTEMBER 2000

	LEBANON	LUZERNE	LYCOMING	MERCER	MIFFLIN	MONTGOMERY	MONTOUR	PERRY	PHILADELPHIA	SCHUYLKILL
MOURNING	-	-	-	9/24	-	8/4	-	-	-	-
YELLOWTHROAT, COMMON	A	A	→SEP	A	A	A	A	A	→9/26(15)	A
WARBLER, HOODED	-	P	-	A	→9/15	9/17-23	-	→9/16	8/26-9/29	→9/17
WILSON'S	-	9/23	-	9/1-24	9/15-19	8/24	-	9/2-16	SEP	8/25-9/17
CANADA	-	P	-	8/28	-	9/16	-	P	9/6	→9/12
CHAT, YELLOW-BREASTED	-	P	-	-	-	P	-	P	-	→7/9
TANAGER, SCARLET	A	A	-	A	→7/16(5)	→9/9(5)	P	A	→9/29	→9/29
TOWHEE, EASTERN	R-9/9(15)	A	-	A	A	A	A	A	A	A
SPARROW, CHIPPING	A	A-9/16(35)	-	A	A-8/10(10)	A	A	A	A	A
FIELD	R	R	-	A	A-8/10(5)	A	A	A	A	A
VESPER	-	P	-	-	-	-	-	A	-	→8/7
SAVANNAH	R	A	-	A	-	9/29→	-	A	-	→AUG
GRASSHOPPER	→9/23	P	-	-	-	-	-	A	-	→AUG
LINCOLN'S	-	-	-	9/17→	-	9/29→	-	9/2→	9/24	9/19-29
SWAMP	R	R	-	A	-	P	A	A	A	-
WHITE-THROATED	-	R	-	9/25(4)→	9/29→	9/29→	-	9/16→	-	9/25→
JUNCO, DARK-EYED	R	R	-	-	A	-	-	A	-	9/29→
GROSBEAK, ROSE-BREASTED	→9/17(4)	P	-	→9/27	→8/11	-	A	A	9/24(6)	→9/30
BLUE	-	-	-	-	-	-	-	-	→8/15	-
BUNTING, INDIGO	→9/24	A	→7/8	→9/30	→9/21(5)	A	A	P	P	A
BOBOLINK	-	→9/16	-	→9/17(4)	-	→8/23(50)-9/25	-	A	9/12(12)	→7/9
BLACKBIRD, RED-WINGED	R	A	-	A	A-9/26(50+)	A	A	A	A	A
MEADOWLARK, EASTERN	R	A	-	A	R	A	A	A	9/12	A
GRACKLE, COMMON	R	A	P	A	A	A	A	A	A-9/20(100)	A
COWBIRD, BROWN-HEADED	R	A	P	A	A	A	A	A	A	A
ORIOLE, ORCHARD	-	P	-	→AUG	P	→7/13	-	-	→AUG	-
BALTIMORE	→9/2	P	→8/14	→8/31	A	→8/24	P	→9/17	→AUG	→9/29
FINCH, PURPLE	-	R	-	A	-	-	-	-	-	8/6-9/6

	SOMERSET	SULLIVAN	SUSQUEHANNA	TIOGA	VENANGO	WESTMORELAND	WYOMING	YORK
LOON, COMMON	9/26	-	-	-	7/2-16	-	-	7/9-16
GREBE, PIED-BILLED	9/26(6)	-	-	-	7/8→	8/10→	9/16→	9/14→
CORMORANT, DOUBLE-CRESTED	9/26	-	-	7/18E-9/22	8/18-9/27	8/22→	9/16→	A
HERON, GREAT BLUE	A-9/24(4)	A	A	A-8/1(10)	A	A	A-9/16(6)	R
EGRET, GREAT	-	8/5-9/15	-	-	7/11	-	7/26-30	→8/27
SNOWY	-	-	-	-	-	-	-	8/31
HERON, LITTLE BLUE	-	-	-	-	-	-	-	7/29-30
HERON, GREEN	-	-	-	A	A	A	→8/28(4)-9/16	A
NIGHT-HERON, BLACK-CROWNED	-	-	-	-	-	-	→9/23	→8/31
VULTURE, BLACK	-	-	-	-	-	-	-	R
TURKEY	A	A	A	A-9/10(8)	A	A-9/4(30)	A-9/16(6)	R
GOOSE, CANADA	R	R	A	R	R	R	R-9/16(61)	R
SWAN, MUTE	-	-	-	-	-	R	-	R
DUCK, WOOD	A	A	-	A-8/21(76)	-	A	A-8/28(38)	A
DUCK, AMERICAN BLACK	-	-	-	-	-	P	9/16→	A
MALLARD	A	A	-	A-9/30(23)	R	R	R-9/16(91)	R
TEAL, BLUE-WINGED	-	-	-	9/22	-	P	-	8/11-9/1(12)
SHOVELER, NORTHERN	-	-	-	-	-	-	-	9/28→
PINTAIL, NORTHERN	-	-	-	-	-	-	9/5→	-
TEAL, GREEN-WINGED	-	-	-	-	-	P	9/25→	9/16(3)→
DUCK, RING-NECKED	-	-	-	-	-	-	-	9/28→

SEASONAL OCCURRENCE TABLES - JULY THROUGH SEPTEMBER 2000

	SOMERSET	SULLIVAN	SUSQUEHANNA	TIOGA	VENANGO	WESTMORELAND	WYOMING	YORK
MERGANSER, HOODED	-	-	-	-	9/25	-	9/16(5)	-
COMMON DUCK, RUDDY	-	A	-	A-8/1(6)	A	-	R-7/8(16)	-
OSPREY	-	-	-	-	-	-	-	JUN(4)
EAGLE, BALD	-	-	-	-	7/22-9/21	A	7/11→	A
HARRIER, NORTHERN	A	7/4-9/14	-	R	A	9/7	A	8/6→
HAWK, SHARP-SHINNED	R	R	8/1	R	R	R	R	8/31→
COOPER'S GOSHAWK, NORTHERN	R	R	-	R	R	R	R	R
HAWK, RED-SHOULDERED	-	A	-	-	-	A	A	SEP
BROAD-WINGED RED-TAILED	R	A	R	-	-	A	A	R
KESTREL, AMERICAN	R	R	R	-	-	R	R	R
MERLIN	9/2	-	-	-	9/21	-	-	-
FALCON, PEREGRINE	-	-	-	-	9/11-21	-	9/16	9/15-27
BOBWHITE, NORTHERN	-	-	-	-	-	P	-	R
RAIL, VIRGINIA	-	-	-	-	8/26-30	8/29	-	-
SORA	-	-	-	-	-	-	9/16	-
COOT, AMERICAN	-	-	-	-	-	-	-	-
PLOVER, SEMIPALMATED	-	-	-	-	7/29-8/30	-	-	-
KILLDEER	A	A	A	-	A-7/22(42)	A-9/16(17)	-	R
YELLOWLEGS, GREATER	-	-	9/4	-	7/20-30	7/19	7/29	8/5-9/17
LESSER SANDPIPER, SOLITARY	7/15	-	9/4	7/2	7/12-9/14	7/16-29(9)-9/30	-	7/18-9/16
SPOTTED UPLAND SANDERLING	7/6(4)	-	-	-	-	P	A	7/15-9/9
SANDPIPER, SEMIPALMATED	-	-	-	-	-	P	-	-
WESTERN LEAST	-	-	-	8/1	7/24-8/3	-	-	-
PECTORAL SNIBE, COMMON	-	-	9/4	-	7/15-16	7/22-9/19(4)	-	7/22(12)-9/10
WOODCOCK, AMERICAN	A	A	-	-	7/21-8/6	8/19(3)	-	7/26(5)-9/14
RING-BILLED HERRING	-	-	-	-	7/22-29	P	-	-
TERN, CASPIAN	9/26	-	-	7/1-9/10(50)-22	-	P	9/10	A
FORSTER'S CUCKOO, BLACK-BILLED	-	-	-	8/1	-	8/31	8/28	A
YELLOW-BILLED OWL, BARN	-	-	-	-	-	-	9/29	8/27
BARRED NORTHERN SAW-WHET	-	-	-	-	-	-	-	-
NIGHTHAWK, COMMON	-	-	-	-	-	-	-	-
WHIP-POOR-WILL	-	-	-	-	-	-	-	-
SWIFT, CHIMNEY	A	-	-	-	-	-	-	-
HUMMINGBIRD, RUBY-THROATED	P	-	-	-	-	-	-	-
WOODPECKER, RED-HEADED	A	-	-	-	-	-	-	-
SAPSUCKER, YELLOW-BELLIED	9/25→	-	-	-	-	-	-	-
Flicker, Northern	A	A	-	A	A	R	A	9/25→
Flycatcher, Olive-sided	-	-	-	-	-	-	-	-
WOOD-PEWEE, EASTERN	P	-	-	-	-	-	-	-
Flycatcher, Yellow-bellied	-	-	-	8/30	9/14-19	8/16-9/6(7)	-	-
ACADIAN ALDER	-	-	-	-	-	-	-	-
WILLOW LEAST	-	-	7/3	-	-	-	-	-
PHOEBE, EASTERN	A-9/25(6)	A	P	-	-	-	-	-



SEASONAL OCCURRENCE TABLES - JULY THROUGH SEPTEMBER 2000

	SOMERSET	SULLIVAN	SUSQUEHANNA	TIOGA	VENANGO	WESTMORELAND	WYOMING	YORK
FLYCATCHER, GREAT CRESTED	P	-	-	-	-	P	-	-
KINGBIRD, EASTERN	P	-	7/3	-	-	P	-	-
VIREO, WHITE-EYED	-	-	-	-	-	A	-	-
BLUE-HEADED	A-9/25(10)	-	-	-	-	A	-	-
YELLOW-THROATED	-	-	-	-	-	A	-	-
WARBLING	-	-	7/3	-	-	A	-	-
PHILADELPHIA	-	9/5	-	-	-	9/6	-	-
RED-EYED	A	-	P	-	-	A	-	-
CROW, FISH	-	-	-	-	-	-	-	-
RAVEN, COMMON	R	R	-	-	-	R-8/14(10)	R	R
LARK, HORNED	A	-	-	-	-	A-7/6(4)	R	-
MARTIN, PURPLE	-	-	-	-	-	-	-	-
SWALLOW, TREE	P	A	-	-	-	P	-	-
NORTHERN ROUGH-WINGED	-	-	-	-	-	P	-	-
BANK SWALLOW	-	-	-	-	-	P	-	-
CLIFF SWALLOW	P	-	-	-	-	P	-	-
BARN SWALLOW	P	A	-	-	-	P	-	-
CHICKADEE, CAROLINA	-	-	-	-	-	-	-	-
BLACK-CAPPED	R	R	-	-	-	R	-	-
NUTHATCH, RED-BREASTED	9/22	A	-	-	-	R	-	-
CREEPER, BROWN	-	R	-	-	-	A	-	-
WREN, HOUSE	A	-	-	-	-	A	-	-
WINTER WREN	SEP	-	-	-	-	A	-	-
MARSH WREN	-	-	-	-	-	-	-	-
KINGLET, GOLDEN-CROWNED	-	R	-	-	-	A	-	-
RUBY-CROWNED	9/25	-	-	-	-	9/15	-	-
GNATCATCHER, BLUE-GRAY	P	-	-	-	-	-	-	-
VEERY	-	-	7/3	-	-	-	-	-
THRUSH, GRAY-CHEEKED	P	-	-	-	-	9/13(4)	-	-
SWAINSONS	-	-	-	-	-	9/12-24	-	-
HERMIT	A-7/2(5)	A	-	-	-	A-7/30(10)	-	-
WOOD PECKER	A	-	-	-	-	-	-	-
ROBIN, AMERICAN	A	A	-	-	-	A-9/13(10)-20	-	-
CATBIRD, GRAY	A-9/25(10)	A	-	-	-	A-9/27(15+)	-	-
THRASHER, BROWN	A	-	-	-	-	R	-	-
WARBLER, BLUE-WINGED	-	-	-	-	-	A	-	-
GOLDEN-WINGED	P	-	-	-	-	-	-	-
TENNESSEE	9/12-22	-	-	-	-	9/11	-	-
ORANGE-CROWNED	-	-	-	-	-	9/5-15	-	-
NASHVILLE	9/12-22	-	-	-	-	-	-	-
PARULA, NORTHERN	P	-	-	-	-	A-9/13(9)	-	-
WARBLER, YELLOW	P	-	-	-	-	-	-	-
CHESTNUT-SIDED	A	-	-	-	-	-	-	-
MAGNOLIA	-	-	-	-	-	-	-	-
CAPE MAY	AUG-9/25	-	-	-	-	-	-	-
BLACK-THROATED BLUE	A	-	-	-	-	-	-	-
YELLOW-RUMPED	P	-	-	-	-	-	-	-
BLACK-THROATED GREEN	-	-	-	-	-	-	-	-
BLACKBURNIAN	P	-	-	-	-	-	-	-
YELLOW-THROATED	P	-	-	-	-	-	-	-
PINE	-	8/6	-	-	-	-	-	-
PRAIRIE	-	-	-	-	-	-	-	-
PALM	-	-	-	-	-	-	-	-
BAY-BREASTED	9/12	-	-	-	-	-	-	-
BLACKPOLL	9/25	-	-	-	-	-	-	-
CERULEAN	-	-	-	-	-	-	-	-
BLACK-AND-WHITE	-	-	-	-	-	-	-	-

SEASONAL OCCURRENCE TABLES - JULY THROUGH SEPTEMBER 2000

	SOMERSET	SULLIVAN	SUSQUEHANNA	TIOGA	VENANGO	WESTMORELAND	WYOMING	YORK
REDSTART, AMERICAN	P	→SEP	7/3	→7/30(8)-9/27	A	A-9/13(15)	→9/16	→9/29
WARBLER, WORM-EATING	-	-	-	8/27	-	P	-	→9/14
OVENBIRD	→9/11	→AUG	P	→9/27	A	A	→9/16	→9/29
WATERTHRUSH, NORTHERN	-	-	-	-	-	7/25-9/16(11)	→8/18	8/31-9/4
LOUISIANA	-	-	-	-	→7/22	→8/27	→7/9	→8/10
WARBLER, KENTUCKY	-	-	-	-	-	→9/14	-	→9/4
CONNECTICUT	-	-	-	-	-	8/30-9/14(3)-28	-	9/26-29
MOURNING	-	-	-	9/11	-	8/4-25(5)-9/26	-	-
YELLOWTHROAT, COMMON	A-9/12(15)	A	P	A-9/20(12)	A	A-9/26(18)	A-9/16(14)	→9/23
WARBLER, HOODED	-	8/29	-	7/8-8/27	A	→9/12(7)-28	-	9/21
WILSON'S	-	-	-	8/29-9/19	8/26-9/26	8/25-9/16(6)-27	-	9/15
CANADA	-	-	-	→9/12	→9/1	→9/23	→8/8	8/29
CHAT, YELLOW-BREASTED	-	-	-	7/31	-	P	-	→9/3
TANAGER, SCARLET	→9/12(6)	P	P	→8/23(5)-9/27	A	A	→9/16	→9/27
TOWHEE, EASTERN	A	A	-	A-7/30(10)	A	A	A	R
SPARROW, CHIPPING	A	A	P	A	A	A	→9/16(6)	→9/3
FIELD	A	-	7/3	→8/9	A	A	→9/16	R
VESPER	P	-	-	-	-	P	-	-
SAVANNAH	P	-	7/3(6)	→8/3	A	P	→8/14(10)-9/16	-
GRASSHOPPER	P	-	-	-	→8/21	P	-	→9/3
HENSLOW'S	P	-	-	-	→7/22	P	-	-
LINCOLN'S	9/25	-	-	-	9/18→	9/14-30(6)	-	-
SWAMP	A	A	P	R	A	A	→8/8(5)-9/16	R
WHITE-THROATED	-	R	-	9/25→	9/26→	9/22	9/16→	9/26→
JUNCO, DARK-EYED	-	R	-	R-8/10(20)	A	A	R	-
GROSBEEK, ROSE-BREASTED	P	→8/21	-	→7/10(20)-9/27	→9/18	A	→9/16(7)-18	→9/30
BLUE	-	-	-	-	-	-	-	→9/17
BUNTING, INDIGO	A-9/22(110+)	→SEP	P	→9/27	→9/18	A	→9/16	→9/29
BOBOLINK	P	-	7/3	→7/13	→8/21	→9/8(20)	→8/8(25)-9/16	-
BLACKBIRD, RED-WINGED	A	A-7/12(8)	A	A	A	A	A	R
MEADOWLARK, EASTERN	A	-	P	→7/12	A	A	→9/16	R
GRACKLE, COMMON	A	A	A	→8/10(40)-9/15	A	A	A	R
COWBIRD, BROWN-HEADED	A	A	-	→8/23	A	A	P	R
ORIOLE, ORCHARD	-	-	-	-	-	P	-	→8/16
BALTIMORE	P	→AUG	-	→9/2	→9/1	→8/9	→7/3	A
FINCH, PURPLE	A	R	-	A-7/2(15)	→9/1	A	A	9/11→

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