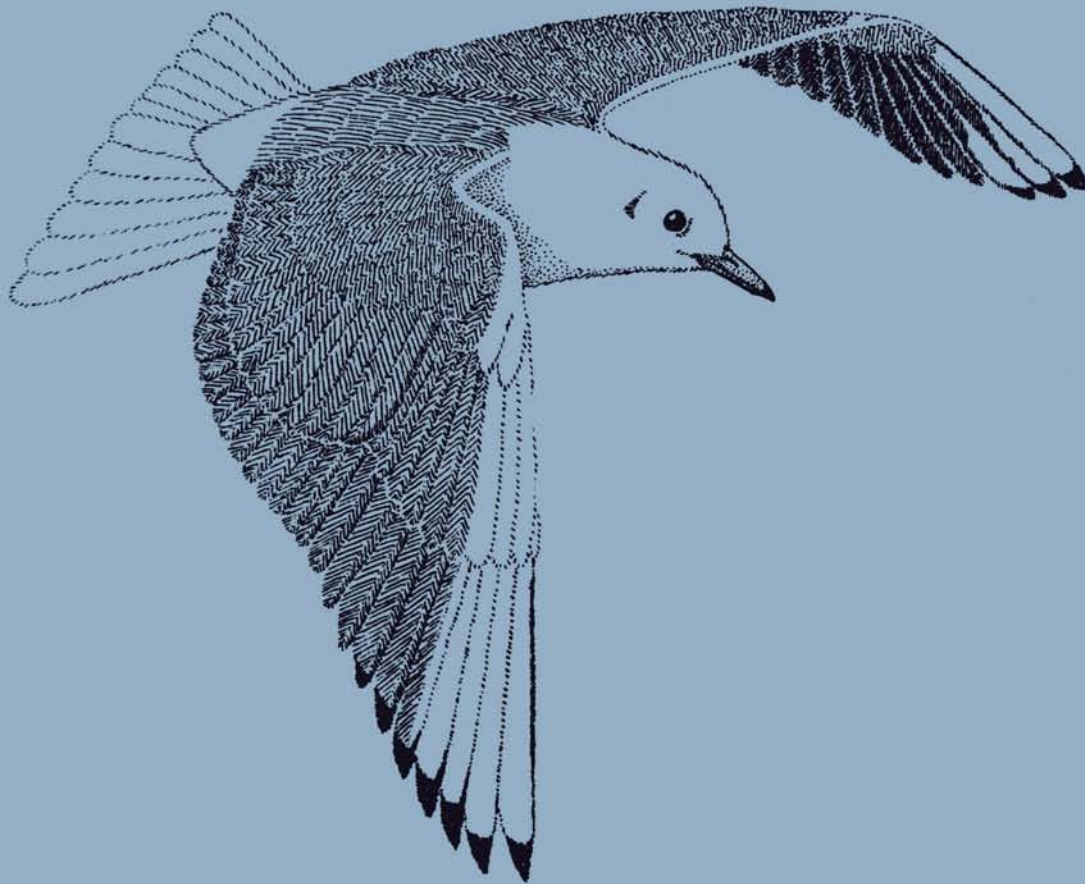


PENNSYLVANIA BIRDS



Randy Miller 1993

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PENNSYLVANIA BIRDS

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Contents

1	Editorial
2	Letters
4	Restored Wetlands as Management Tools for Wetland-Dependent Birds. Thomas M. Dick
7	Impacts of Water Level Flucuation for Fishery Management on Waterfowl Usage and Brood Production Anthony Marich Jr.
8	Sandhill Cranes, <i>Lawrence Co.</i> Gene Wilhelm
9	Fourth Report of the P.O.R.C.. Ed Kwater
12	Pennsylvania Birdlists. Terry Schiefer
16	Summary of the Season
17	Rare and Unusual Bird Reports
18	Photographic Highlights
20	Notes from the Field
22	Compilers and Observers
24	County Reports – January through March 1993

ILLUSTRATIONS:

COVER: Common Black-headed Gull by *Randy Miller*
Pages 4 - Common Snipe by *Stan Kotala*
Pages 5 - Sedge Wren by *Stan Kotala*



from the Editors...

Pennsylvania Birds is still young enough that we still are amazed when another year goes by. This issue begins our seventh year! It sure doesn't seem that long. We would like to acknowledge, and thank, those county compilers who have been with us from the beginning and who have never missed sending in a report for every issue. They include: Ralph Bell, Ed Fingerhood, Ted Grisez, Al Guarente, Margaret & Roger Higbee, Deuane Hoffman, Margaret Kenep, Robert Leberman, Ronald Leberman, Jerry McWilliams, Bernie Morris, John & Becky Peplinski, Steve Santner, Allen Schweinsberg, Al Spiese, and Rick Wiltraut. These compilers have been the backbone of *Pennsylvania Birds*. Although some of them get very few reports, and some of them get too many reports, they have continued to persevere and bounce back when needed. We only hope that compilers who have joined us in recent years will be as diligent and faithful.

We will be selecting associate editors soon, but there is still time to volunteer your services for any of the positions listed in the last issue.

The one position for which we still have NO takers is Seasonal Reports editor. Many of you have kindly volunteered to take the other positions available, but this is the main one we have got to have a person fill SOON. There has to be some energetic individual out there willing to assume the responsibility. Wherefore art thou?

PSO MEETING

The fourth annual PSO meeting was held in Millersville, Lancaster Co. May 21-23. It was a rousing success with good field trips and programs. Many of the Atlas coordinators were there to autograph Atlases, and one of the Atlas artists was on hand selling original Atlas artwork.

At the business meeting, the following officers were elected: Bob Martin - President, Frank Haas - Vice-president, Gene Zielinski - Treasurer.

The field trips tallied a combined total of over 100 species including Blue Grosbeak, both Night-Herons, Bald Eagle, Bobolink, Grasshopper Sparrow, Red-headed Woodpecker, Kentucky, Cerulean, and Parula warblers, and more.

Paul Schwalbe's program on warbler calls was not only informative, but entertaining as well. We were also brought up to date on the Partners in Flight program in Pennsylvania.

Chandler Robbins was the dinner speaker, and he presented a detailed look at the population trends of many of our neotropical migrants as reflected in the Breeding Bird Survey data. The book is still out on which is having the greatest effect – breeding habitat loss, cowbird parasitism, or wintering habitat loss – but they all are having some effect. And, the combined effect is certainly noticeable in many species. This is one of the areas that will benefit from our new reporting format, as the more common species will not be ignored. "The time to save a species is when it is still common."

Suggestions are welcome for where to hold next year's meeting.

PORC ELECTIONS

The Ornithological Technical Committee of the Pennsylvania Biological Survey met on May 21 and elected Paul Schwalbe and Nick Pulcinella to fill PORC positions being vacated by Barb Haas and Steve Santner, and re-elected Frank Haas.

WE NEED SUBSCRIBERS

If you know someone who has not renewed for 1993, please encourage them to do so. Also, if you know a birder who does not subscribe, encourage them to do so. Nowhere else will you find as comprehensive a report on the birds of Pennsylvania.

We always start out each year with a big drop in subscribers. Some of these are just tardy renewals, but some never renew. Therefore we need new subscribers each year to maintain a cost effective publishing strategy. Just think, if each of our subscribers got one more person to subscribe, we would double our subscription base!

Barb & Frank Haas
Co-editors

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LETTERS

Dear Editors:

Enclosed is my renewal check for *Pa. Birds*. I still look forward to it showing up in my mailbox.

May I say that you two have done too good of a job. I, too, will dearly miss those old county bird summaries. You spoiled us. We got too fond of reading them. When loyal readers get used to quality and then get cut off from it, they're bound to complain. I think those of us who loved the old seasonal format tended to overlook the great amount of time and effort you two put into it. It had to be burdensome. I don't think the new format saves much space, but it must save you a lot of time and aggravation. I don't feel justified complaining too much. You two have singlehandedly, at much sacrifice of your time and money, produced the only quality birding document for the state. For that I am grateful and I'm sure other readers feel the same way, but your dedication spoiled us. The complaints about the new format are really compliments on the great job you were doing. We all know, however, that any labor of love, done often enough, eventually becomes a chore. I hope you've found a seasonal editor to take some of that workload off your shoulders.

I would like to express a few concerns about sticking to the new format. I had to wonder if it will encourage lazy and sloppy bird reporting. Missing from the tables is associated weather, exact locations, dates, except early and late dates, and numbers, unless they are high. In time, will birders bother to write down the name of a species, their numbers, the date and location if they know it will appear in the summary as the letter B? Might it also convey the impression the left out information isn't important? W.E. Clyde Todd said the scientific value of Warren's book was next to worthless because he never reported exact locations. What information the tables do provide is better organized and easier to find, but I personally don't think

the quick find advantage outweighs the bulk of material left out or the joy of reading the reports.

I hope the change doesn't result in a loss of subscribers. We need this journal. It still covers our area much better than *American Birds* and we are all indebted to you both for producing it. You've done a great job. There aren't too many editors who can brag about spoiling their readers.

Dick Byers
Murrysville, PA

Dick's kind words were most definitely appreciated, although we believe the "quality" of the magazine has improved. Dick raises points that we have heard from others, and we would like to address them here.

Yes, the work of editing and putting together 50+ narrative county reports (a number of which we had to write) was too time consuming to keep up. If, in Dick's words, that "spoiled" our readers, then that was a mistake on our part. So far, no one has come forth to offer to do this job. Although we feel the state is better served through the new format, if someone volunteered to do it the old way we would be disappointed, but not totally opposed.

*The primary reason we used the format that we did initially was that was how American Birds did it. We didn't know any better. Although we have to admit that we never read all of the regional reports in *AB*. Instead we would look for the S.A. boxes, photos, and skim through the local regional report. And, since Pa. was split into several regions, we would have to look through several reports to find if there were any trends, irruptions, etc. of interest locally.*

Their format, as did ours, concentrated on the unusual at the expense of the familiar. Our current format still gives all the details you need for the unusual (date, location, observers, and more) while providing date and

number information for almost all other species.

We try to get the maximum amount of information into every issue (given space limitations). However, we certainly do not want to take the space, at this point, to report all Starling sightings in every county in separate county reports. But if, for some reason, that species should become uncommon (wouldn't that be wonderful?) in a county or statewide, the county compilers should certainly note that in their comments. Or, do you think our readers want to read 50+ times that X no. Starlings were found at X location by X no. of individuals every issue?

Permanent resident species are censused every year on the Christmas Counts (now included every year). This is much more meaningful than random reports of 2 Great Horned Owls at Smithville or a pair of Carolina Wrens at Fred's farm. However, the first nesting Carolina Wrens in a county would certainly be noteworthy, and the coming crash will be well reported.

For common transients in the state, the range of dates and abundance are certainly more important than the particular location or observer. (Although it certainly is a stroke to the ego to see your name or initials after every sighting, it apparently is not enough to get people to subscribe; at no time have more than half of the observers listed subscribed.) The numbers reported are the high for the season, not just unusually high numbers. These numbers, however, are not that meaningful, as the amount of effort, area covered, skill of the observer, etc. are not quantified in any way. A good example is comparing the numbers reported in the third quarter with the numbers reported in the fourth quarter. High numbers reported in the third quarter are usually individual party sightings at one location. Numbers frequently reported in the last quarter are often Christmas counts representing multiple parties at multiple locations.

The dates reported will only occasionally be "early" or "late." Most of the time they will be the normal arrival/departure time of the species (and generally be week-ends!). The high number reported will usually be a good indicator of the peak of the migration, although not always. And, as stated above, the unusual are treated in detail.

The Atlas went a long way towards documenting the breeding birds, but we still need regular reports of what is breeding where. Again, the common species should be written up in articles about your county. There are only a few counties with birdfinding guides. One of the things we were hoping to be generated from the new format was a greater interest in contributions of site guides to those areas which are not considered "hot spots" around the state and eventually a county list from every county. We have mentioned this on numerous times in past editorials. But first one has to have the data. By and large, any published county list would include localities where birds can be, should/have been located. The SAP and the proposed site guide publications would be a major step in this direction.

We would love to publish articles that are site guides to whole counties. They wouldn't be as comprehensive as some of the books on the market, but could highlight the most birded areas of the county and list the status of species in that county. Then someone who wanted to find a certain species in a particular area would not have to pour over several seasons of county reports to find the information.

We had hoped that with the new format more birds would be reported. As stated in previous editorials, many common birds were either not reported or were edited out due to space limitations. However, now we can include records for every species. The only species for which "B" was the only entry were species that had NO individual reports. If there had been a report, it would have been published.

Think about it... we chose counties as the breakpoint for reporting regions. However, the same criticisms could be made of an individual county report. Why aren't all the locations in every

municipality in the county given individual reports? Why not every backyard? Remember, this is Pennsylvania Birds, not Lancaster Birds or Somerset Birds.

These are questions that we ponder and discuss regularly. Believe us, decisions are not made lightly in the Haas household, no matter what the topic.

—Eds.

Critical Shorebird Area at Presque Isle Closed

The eastern outermost 67 acres of Gull Point Sanctuary at Presque Isle State Park, Erie, have been closed for much of the year to protect nesting and migrating shorebirds there. The decision, made by the Bureau of State Parks, was announced in early May and is a strengthening of recommendations made by a team of more than 100 volunteers who have, under the direction of the Bureau, developed over the last six years, a Resource Management Plan for Presque Isle.

With the exception of a limited number of monitors of shoreline processes and biological changes, the site, now designated a Special Management Area (SMA), is off limits to everyone from 1 April to 30 November. Monitors will be identified with official patches or hats. Signs will be erected along the terrestrial boundaries and violators are being warned this year.

Waterfowl hunting in season will continue from blinds within the Sanctuary (Gull Point Natural Area Management Unit), but outside the SMA. Boats are permitted no closer than 100 feet of the SMA shoreline. Boat users may no longer land in the SMA (except in emergency), swim there, or allow their pets to do so. Beginning on 1 April 1994, fines will be levied upon all violators.

For the sake of critical habitat of Pennsylvania's shorebirds, water birds, and other organisms, as well as wild plants of special concern, all users of the area are asked to respect and obey the new ruling beginning now. This decision demonstrates that a welcome new environmental ethic is indicated in our state parks and reflects the mission statement published in *Pennsylvania State Parks 2000*, 1992, which stresses, "...the conservation of the natural, scenic, aesthetic, and historical values of the parks...be given first consideration."

An educational Gull Point kiosk at the Beach 10 parking lot is now under development and plans for a viewing platform in the Sanctuary are being considered.

Restored Wetlands as Management Tools for Wetland-Dependent Birds

by Thomas M. Dick, V.M.D.

In October 1991, 80 acres of exhausted farmland was rescued from developers and returned to its pre-agricultural state of an emergent marshland. The Allegheny Plateau Audubon Society and the author undertook this project to prove wetland restoration projects are good management tools for wetland-dependent birds. Consider that today much of Pennsylvania's wetlands have been destroyed. Wetlands continue to be lost in Pennsylvania despite rigid wetland protection. Wetlands, especially palustrine or emergent wetlands are among the most valuable in terms of species richness. With much of our wetlands lost, it is not surprising that close to 50% of the birds given categories of special concern in Pennsylvania today are wetland-dependent species. What does all this mean? It means that carefully constructed and planted wetland projects, no matter how small, will definitely benefit wetland specialists. Of course, the natural wetlands need strong protection for they have stood the test of millennia. New projects may not be as successful as the original systems, but consider if original systems are extant then much is to be gained by creating new emergent marsh. Our experience, as you will read, clearly shows these new projects work fast by luring waterfowl, shorebirds, and other wetland-dependent species.

Our initial conflict was locating funding for such a project. Fortunately we tapped into Federal Fish and Wildlife's "Partners for Wildlife" program. The objective of this program is to create wetlands on private lands. They pay the bill. The State College Office of Fish and

Wildlife accepted our project at Dunning's Creek in Bedford County. The method used for wetland restoration was to construct dikes, which are simply mounds of carefully compacted soil to catch surface runoff. The first objective is to build a pond, something that will hold water, and the second objective is to build a marsh. The marsh is developed by bringing back the top soil to produce a rich bottom with an average depth of 4 to 8 inches. The final objective is to have $\frac{1}{3}$ open water, $\frac{1}{3}$ submergent vegetation, and $\frac{1}{3}$ emergent vegetation. Of course the most valuable areas are the non-inundated soils which fall under the category of moist soil management. Moist soil has greater plant and insect variety. Deeper water is produced by ditches within the impoundments making it conducive to wetland species such as Pied-billed Grebe (*Podilymbus podiceps*) and Least Bittern (*Ixobrychus exilis*). Potholes were constructed. These 20-foot oval containments are scattered above dikes where they catch water and feed it into dikes and adjacent areas of field. Potholes help to create wet meadows which are ideal for Sora (*Porzana carolina*) and Sedge Wren (*Cistothorus platensis*). These wetlands may eventually dry up, however this is usually in late summer after the young of many species are already fledged. This pulsing of water is important to allow aerobic breakdown of the



organic matter which replenishes the nutrient supply to favor future productivity. Years ago the ditches and drains used to divert water away from planted fields were designed and subsidized by the Soil Conservation Service and the Agricultural Stabilization and Conservation Service. Today it is ironic that another branch of government (Fish and Wildlife Service) is undoing all this plumbing by plugging and diverting these watercourses into newly constructed dikes to keep water on the land.

The first year of the project made us ecstatic. Two dikes were completed by October 1991 (we now have 5 dikes and 6 potholes). By January of 1991 the first two dikes were full. The dikes were excellent for winter raptors, with Northern Harriers (*Circus cyaneus*) and Rough-legged Hawks (*Buteo lagopus*) quartering fields and Short-eared Owls (*Asio flammeus*) late in the day. By late February the wetlands were coming to life as a loafing area for waterfowl. The wetlands offered only water since aquatic plants (food) had not yet been planted. Among the first visitors were Tundra Swan (*Cygnus columbianus*), with high counts in the 80s. They were soon followed by dabblers such

as Mallard (*Anas platyrhynchos*), American Black Duck (*A. rubripes*), Northern Pintail (*A. acuta*), Gadwall (*A. strepera*), Green-winged Teal (*A. crecca*), Blue-winged Teal (*A. discors*), and American Wigeon (*A. americana*) dropping in at specific times. Both Hooded Merganser (*Lophodytes cucullatus*) and Red-breasted Merganser (*Mergus serrator*), in good numbers, could be seen diving and probably wondering where the fish were. Ring-necked Duck (*Aythya collaris*) came and went in big numbers (70–123), Bufflehead (*Bucephala albeola*) were spotty and scaup occasionally dropped by. Pied-billed Grebes and American Coots (*Fulica americana*) enjoyed our newly flooded "Goldenrod Marshes." By April, raucous Canada Geese (*Branta canadensis*) were seen but declined to stay. Mallards found the marsh to their liking by nesting and producing about 50 ducklings. By late spring, Wood Ducks (*Aix sponsa*) were the most abundant bird. The impoundment was planted with thousands of submergent and emergent plants on 15 April. By 15 May the area was plush with rich new vegetation. Wood Duck ducklings were a common sight in June. Apparently the ducks nested in boxes along an adjacent creek and marched their young across 200 yards of old field to reach the impoundment. This was particularly interesting since the marsh made a much safer nursery than life along the creek.

April was the month of shorebirds. Partially inundated bulldozer tracts and mud dikes attracted shorebirds by the hundreds. Most numerous were both Greater Yellowlegs (*Tringa melanoleuca*) and Lesser Yellowlegs (*T. flavipes*), but over a period of 5 weeks we managed to see Least Sandpiper (*Calidris minutilla*), Semipalmated Sandpiper (*C. pusilla*), White-rumped Sandpiper (*C. fuscicollis*), Pectoral Sandpiper (*C. melanotos*), Spotted Sandpip-

er (*Actitis macularia*), Short-billed Dowitcher (*Limnodromus griseus*), Sanderling (*C. alba*), Dunlin (*C. alpina*), Ruddy Turnstone (*Arenaria interpres*), Black-bellied Plover (*Pluvialis squatarola*), Semipalmated Plover (*Charadrius semipalmatus*) and Common Snipe (*Gallinago gallinago*).

Great Blue Heron (*Ardea herodias*), Green-backed Heron (*Butorides striatus*), and Great Egret (*Casmerodius albus*) became common sights. A pair of Green-backed Heron stayed over the summer without known nesting.

Great discoveries were still waiting as we realized we had breeding Sora, Sedge Wren, Common Snipe, Spotted Sandpiper, and Pied-billed Grebes. The Sedge Wren fledglings persisted to October and attracted many excellent and considerate birders from great distances. The grebes produced two offspring. All of these birds are noteworthy and living proof of the value of wetland-creation projects. In fact, at the time, we didn't realize the transition from fallow fields to emergent marsh had increased bird diversity by a whopping 60%.

September started the first movement of migrants with the arrival of two American Bittern (*Botaurus lentiginosus*). This was followed by incredible numbers of Wood Ducks. A combined count by Auduboners and Fish and Wildlife personnel showed regular evening arrivals of up to 800 Wood Ducks and 200 Mallards.

The future for this project includes managing moisture regimes and plantings conducive for breeding American Bittern, Least Bittern, American Coot, Common Moorhen (*Gallinula chloropus*), Pied-billed Grebe, Sora, Virginia Rail (*Rallus limicola*), Sedge Wren, Marsh Wren (*Cistothorus palustris*), and attracting shorebirds. Each

species has special requirements, smaller impoundments will be planted to lure grebes, coots, and Least Bitterns, while the larger impoundment (> 10 acres) will be planted for American Bittern and Marsh Wren. The wet meadows between dikes will attract Sedge Wrens again, we hope. Shorebird impoundments will be designed to make macroinvertebrates available during migration—a sort of McDonalds specializing in bugs. This is primarily a function of flooding and drawdowns to expose chironomid larvae, snails, freshwater shrimp, and polychaete worms.

It should become immediately obvious to the reader that this project is more than a labor of love, it's a grand opportunity on a small scale to maximize wetland habitat for a variety of species.

Recommendations for future projects:

1. Long-term monitoring with good record keeping is essential to understanding the difference between short- and long-term success. This should include not only birds, but plants, reptiles, amphibians, and invertebrates as well. For example, Bird Clubs/Audubon



chapters could adopt such wetlands and maintain records for Fish and Wildlife and the Pennsylvania Game Commission.

2. Groups doing the monitoring should be exposed to a short course on data collecting and species identification. This is already being discussed between Fish and Wildlife and Audubon.

3. Standardize information leading to dike construction among machinery operators. Machinery operators from Erie NWR, who did most of the work on this project, knew how to build good dikes, prevent leaking, or loss of water through gravel beds (historic streams), how to find old tile drains, and especially how to handle hydric soil under varying conditions of dryness or wetness. Most commercial operators do not understand these subtle concepts. Failure to understand these techniques could lead to project failures.

4. Lastly, nature organizations could identify good areas for restoration and notify Fish and Wildlife at their headquarters at Penn State. Emphasis should be placed on historic wetlands, *i.e.*, areas with the right hydrology and hydric soils.

It is ironic that the value of almost every other wildlife habitat was understood and appreciated before wetlands. Wetlands are only being restored at the rate of 200 acres per year as compared to 1500 acres of loss. Funds for wetland restoration could dry up leaving this valuable management tool adrift and with it further decline in wetland-dependent species. In the near future restoration projects may concentrate around National Wildlife Refuges, leaving a broad sweep of private lands out of consideration. This would be unfortunate, since the few refuges are widely spaced and would do little to expand the range of wetland dependents.

Another objection is many refuge wetlands are managed maximally and those monies could evaporate into other management practices. Bedford County was well off the beaten path for early consideration of potential wetland sites. The main emphasis was to have been the glaciated northern corners of Pennsylvania. Since the success of the Bedford County wetlands, similar projects have been evenly spread throughout the state. Potential sites such as Bedford abound! These localities are typically fallow farm land along creek bottoms with hydric soils. Spreading restoration projects across the state may be the only chance we have to enhance the breeding success of dwindling wetland-dependent birds. Let's not lose this opportunity. Besides, what better use for land that is neither ideal for development or farming.

RECOMMENDED READING

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Impacts of Water Level Fluctuations For Fishery Management on Waterfowl Usage and Brood Production at Lake Somerset, Pa.

by Anthony J. Marich, Jr.

During the spring and summer of 1992 there was a noticeable absence of Mallard (*Anas platyrhynchos*) and Wood Duck (*Aix sponsa*) broods at Lake Somerset, Somerset County, Pa.

Prior to this the lake was subjected to periodic manipulations of water levels for the purpose of fishery management by the Pa. Fish and Boat Commission. Initial management practices involved lowering lake levels through late fall. The pool elevation was lowered about 7 feet by December. This level was maintained through winter with refilling started in March. Normal pool was achieved by June unless slowed by drought.

These drawdowns impacted inhabitants of the emergent plant community (*i.e.*, muskrat populations declined, some Mallard nests were flooded and the resident Common Moorhen (*Gallinula chloropus*) population was extirpated). See *Pa. Birds* 5(4):183. Wood Duck nest boxes located on metal poles in the shallows became easily accessible to raccoons during nesting, but with no noticeable impact to brood production. Some impact on submergent aquatic vegetation was noticeable, but regrowth occurred with some weedbeds present in shallow areas by late summer. Plant growth was accelerated during drought periods when warmer water and abundant nutrient levels favored plant growth. Prior to the drawdowns an abundance of submergent aquatic plants would grow to the surface and float exposed during the summer. These plants provided a significant food source for waterfowl during the migration staging period (*Pa. Birds* or *ibid* 5(4):182). This usage by waterfowl was evidenced by an evening roost flight of Wood Ducks, Mallards, and Blue-winged Teal (*A. discors*). This roosting flight declined during the earlier management practices and eventually ceased (*Pa. Birds* 3:155; *Pa. Birds* 4:167; *Pa. Birds* 5:139).

The impact of the more recent fishery management practice is the subject of this article. The lake drawdown of early fall 1991 through spring 1992 resulted in a more effective die off of submergent aquatic plants with little regrowth in

evidence by fall of 1992. A drastic decline in usage of the lake by Wood Duck and Mallard broods was noticed during the spring of 1992 (*Pa. Birds* 6:90). This observation was first made by a local photographer who spends much time engaged in wildlife photography at the lake (pers. comm. Walt Bowen). After his initial comments a survey was done by canoe of the entire lake-shore with no duck broods located. Subsequent surveys done by foot located one brood of Wood Ducks with two ducklings and one Mallard brood with four ducklings (*Pa. Birds* 6:130).

An interview with a PF&BC employee indicated that other broods existed as evidenced by ducklings caught near the lake outlet by fishermen. These ducklings were turned in at the PF&BC office located at the lake. It was curious that people were able to catch ducklings. No people who caught ducklings could be interviewed, but logic indicates the ducklings would have to be on land to be easily caught. The belief I developed was that ducklings hatched at the lake abandoned it soon after hatching. The ducklings caught at the lake's outlet are believed to have been in transit from the lake and going to more suitable wetland areas downstream of the lake. The ducklings were vulnerable to capture while crossing the lawn area and roadway between the lake and downstream wetlands. In order to confirm my beliefs I needed to locate significant waterfowl numbers (specifically Wood Ducks) downstream and to document brood production from the Wood Duck nest boxes located on the lake.

The large concentration of waterfowl was found at a complex of beaver dams adjacent to Exit 10 of the Pa. Turnpike. This wetland is located $\frac{3}{4}$ air miles or $1\frac{1}{2}$ miles by water from the outlet of Lake Somerset. The evening roost flight using this wetland was counted as 116 Wood Ducks and 418 Mallards on 18 October 1992. Another count done the evening of 20 October 1992 found at least 586 ducks flying in (*Pa. Birds* 6:164). The species were not separated during this count.

A survey of Wood Duck nest

boxes was conducted at Lake Somerset on 20 February 1993. Usage of 25 nest boxes was as follows:

- 1 - Used by European Starling
- 2 - Used by Tree Swallow
- 8 - Not used
- 3 - Dump nests
- 1 - Clutch abandoned due to raccoon disturbance
- 3 - Clutches lost to raccoons
- 7 - Broods of ducklings produced (estimated 46 ducks)

This indicates an excess of 44 Wood Duck ducklings hatched at the lake over the total number observed during the previous summer surveys.

I conclude that man-induced fluctuations of water levels of lakes can severely impact duck brood rearing, probably due to a disruption of the food chain. Decreased availability of aquatic plantlife causing decreased populations of plant-eating insects causing decreased numbers of the ducklings that feed on aquatic insects.

The implications of this report are that waterfowl habitat conditions involve more than just total acres of wetland available. They include plant bio-productivity of the wetlands too. Factors which decrease plant bio-productivity (*i.e.*, acid deposition, environmental manipulations, toxins, etc.) can result in decreased waterfowl usage even in areas that look like model wetlands. Conversely, factors which increase plant bio-productivity (*i.e.*, nutrient loading) are likely to result in increased waterfowl usage. It may be useful for waterfowl managers to survey plant bio-productivity in addition to waterfowl breeding pair numbers and wetland acreage totals when evaluating potential waterfowl production.

*One Rock Cabin Rd.
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Sandhill Cranes

Lawrence County

by Gene Wilhelm, Ph.D.

The Sandhill Crane (*Grus canadensis*) continues to make ornithological history in western Pennsylvania. The species has been observed regularly since 1987 with a maximum of three individuals at one time in Erie Co. in May 1992 (*Pa. Birds* 6:2). A pair of Sandhill Cranes lingered in Mercer and Lawrence Cos. between 9 May and 15 September 1992 (*Pa. Birds* 6:3). Until now, however, all records are for one, two, or three individuals.

On 2 January 1993 Bruce Hazen noticed a flock of 25–30 large birds approaching him from the southeast about 150 meters above ground level on a clear, calm, early afternoon while working outside his home on Davis Road, near Hell's Hollow, McConnell's Mill State Park, in Lawrence Co. He writes: "It was immediately apparent that the birds were a kind I'm not accustomed to seeing, such as the Canada Goose and Great Blue Heron. The birds flew with long extended necks and legs that were clearly visible; the birds were overall light gray in color. Their repetitious call was a high-pitched 'caroo, caroo.' The flock flew directly overhead with some birds briefly forming a V, then they broke rank and flew west in a mixed formation. They appeared to be confused as to what direction to fly (pers. comm.)."

On the morning of 3 January 1993 James A. Locke observed 25–30 large gray birds for a half-hour feeding on corn in a partially harvested field in the Plain Grove area of Lawrence Co. before the birds flew west. He identified the flock as Sandhill Cranes and was familiar with the species from observing a pair of cranes that lingered in the Plain Grove area in the summer of

1992 (pers. comm.).

Although autumn Sandhill Crane flocks are known to occur in the Columbus, Ohio area, the species is considered an accidental fall migrant and winter visitor in eastern Ohio (Peterjohn 1989:64–65). The winter of 1987–1988 produced a lone crane at Mosquito Creek Wildlife Area (Trumbull Co.) and another wintering bird near Ottawa National Wildlife Area into late January. The first spring migrants may return to central Ohio during the last week of February but flock size seldom exceeds 15 cranes (Peterjohn 1989:65).

A preliminary check of Ohio, Pennsylvania, and West Virginia ornithological literature indicates that the Sandhill Crane is gradually shifting its spring and autumn migration routes farther east, as attested by single crane records in eastern Pennsylvania counties (*Pa. Birds* 6:2). However, the January 1993 Lawrence Co. observations probably are the first contemporary record of a large flock of Sandhill Cranes in the Commonwealth. Undoubtedly the great amount of unharvested corn in the fields of western Pennsylvania and eastern Ohio plus a mild winter persuaded the flock to linger in this area.

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147 Cemetery Rd.
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Fourth Report of the Pennsylvania Ornithological Records Committee April 1992

by Ed Kwater, Chairman

The fourth PORC report covers all decisions made by the committee on the occurrence of rarities in Pennsylvania from May 1992 to April 1993. During this period a total of 44 records were reviewed. This is less than half the number reviewed in the equivalent period in 1991–1992 (see *Pa. Birds* 6(1):18–21). However a large batch of more than 50 records was still in circulation at the time of going to press, so these will be included in the fifth report. The general trend among Pa. birders is of a growing awareness of the need to document the occurrence of rarities in the state and this is reflected in the increasing numbers of records submitted to PORC.

Of the 44 records reviewed, no fewer than 40 (90%) were accepted. This compares very favorably with acceptance rates of 71% in the third report, 75% in the second report, and only 43% for records covered by the first report. Of the records accepted, almost half qualified for Class I status, reflecting the growing trend towards photographic documentation of rare bird sightings. However photographs should always be supported with written documentation for the sake of completeness, or with recordings where appropriate (the case of Pacific Slope Flycatcher springs to mind—see the list of non-accepted records).

This report adds several new species to the Official List of the Birds of Pennsylvania. Notable among these is Barrow's Goldeneye. The identification of females of this species is fraught with difficulty bearing in mind the variation in the bill pattern of female Common Goldeneye. Despite several reports of Barrow's Goldeneye in the state by reliable observers, none had been photographed until the pair appeared at Presque Isle (Erie

Co.) in February 1992. They stayed for almost a month and were joined briefly by a second male, allowing birders a unique opportunity to study this rare species.

Perhaps the biggest surprise of 1992 was the state's first Mew Gull in Berks Co. Again this was a long-staying bird, which was relatively obliging despite being present with thousands of other gulls. Equally rare in the lower 48 states was Pennsylvania's first Ross' Gull in York Co. in October 1991. In contrast to the Mew Gull, this bird was seen by only two observers and only on three days. Despite reports of LeConte's Sparrow in 1959 and 1974, it was not until 1991 that the occurrence of this species in Pa. was confirmed when a bird was banded and photographed at Powdermill Nature Reserve (Westmoreland Co.). The final addition to the state list was the Band-tailed Pigeon found at Presque Isle (Erie Co.) in December 1992 to round off what was a memorable year for rarities. Most observers would agree, however, that the most spectacular rarity in 1992 was the Great Gray Owl in Warren Co. This bird probably attracted more attention from birders than any other rarity which ever occurred in the state.

SYSTEMATIC LIST OF ACCEPTED RECORDS, BY CLASS (AOU ORDER)

CLASS I

EARED GREBE

(*Podiceps nigricollis*)

Erie Co. Three in basic plumage on Presque Isle Bay 9 November 1991. At least one bird stayed for several days (E. Kwater).

(EURASIAN) GREEN- WINGED TEAL

(*Anas crecca crecca*)

Bucks Co. A male at Peace Valley County Park 1 January to 31 March 1992 (A. Brady).

EURASIAN WIGEON

(*Anas penelope*)

Erie Co. A male in definitive basic plumage, Presque Isle SP 16 October 1991 (J. McWilliams). A male in alternate 1 plumage, Presque Isle SP 29 March 1992 (E. Kwater, J. McWilliams).

BARROW'S GOLDENEYE

(*Bucephala islandica*)

Erie Co. A pair on Presque Isle Bay 20 February to 17 March 1992 were joined by a second male on 26 February (J. McWilliams). This is the first fully documented and confirmed record for Pennsylvania.

GYRFALCON

(*Falco rusticolus*)

Erie Co. A gray-morph immature was present at Gull Point, Presque Isle SP from 10–11 October 1991 (J. McWilliams). During this time it consorted with a Peregrine Falcon (*F. peregrinus*) allowing comparative photographs to be taken.

SANDHILL CRANE

(*Grus canadensis*)

Montgomery Co. An adult at Green Lane Reservoir 12–13 October 1991 (Kevin Crilly).

AMERICAN AVOCET

(*Recurvirostra americana*)

Erie Co. A male at Gull Point, Presque Isle SP 18 August 1991 (D. Darney).

Montgomery Co. A male at Green Lane Reservoir 3–9 November 1991 (R. Wiltraut).

Lehigh Co. A male at Schantz Road near Allentown 11–17 November 1991 (R. Wiltraut).

WILLET

(*Catoptrophorus semipalmatus*)

Erie Co. One at Gull Point, Presque Isle SP 7 July 1991 (J. McWilliams).

HUDSONIAN GODWIT

(*Limosa haemastica*)

Lehigh Co. A juvenile at Schantz Road near Allentown 22 October 1991 (R. Wiltraut).

Erie Co. A bird in basic plumage at Presque Isle SP 9 November 1991 (J. McWilliams).

MARBLED GODWIT

(*Limosa fedoa*)

Erie Co. One at Gull Point, Presque Isle SP 7 July 1991 associated with a Willet (J. McWilliams).

B U F F - B R E A S T E D SANDPIPER

(*Tryngites subruficollis*)

Mercer Co. One juvenile at Shenango Reservoir 2 September 1991 (J. McWilliams).

PARASITIC JAEGER

(*Stercorarius parasiticus*)

Erie Co. A juvenile at Gull Point, Presque Isle SP 2 November 1991 (J. McWilliams).

COMMON BLACK-HEADED GULL

(*Larus ridibundus*)

Lancaster Co. One in basic 1 plumage at Conowingo Pond on the Susquehanna River 22-23 February 1992 (R. Schutsky, E. Witmer).

MEW GULL

(*Larus canus brachyrhynchus*)

Berks Co. A bird in definitive basic plumage was first located at Lake Ontelaunee on 2 January 1992 by D. Rich, H. Morrin, and J. Heller. It subsequently moved to Blue Marsh Lake on 3 January and was seen by numerous observers almost daily for the next few weeks (no final date known). This was a first record for Pennsylvania and proved to be of the nominate European race *L. c. canus* (Kwater 1992).

ROSS' GULL

(*Rhodostethia rosea*)

York Co. An immature bird in basic 2 plumage was observed

and videotaped at Lake Marburg in Codorus SP on 9 October 1991. It was seen again on 10 October and briefly on 13 October. This was the first record for Pennsylvania and one of very few ever seen in eastern North America (K. Lippy).

GREAT GRAY OWL

(*Strix nebulosa*)

Warren Co. A bird was discovered on the grounds of the United Refining Co. in Warren on 28 January 1992. It subsequently moved to a stretch of railroad along the Allegheny River below the Route 6 by-pass and was seen daily by hundreds of observers until 13 February then intermittently till 27 March. Only the second twentieth century record (and the first live one) for Pennsylvania (T. Grisez, W. Laubscher).

RUFOUS HUMMINGBIRD

(*Selasphorus rufus*)

Allegheny Co. An adult male came to a feeder in Wexford beginning on or around 8 November 1991 and remained for at least two weeks although its departure date is uncertain (J. Dunn, M. Fialkovitch).

LECONTE'S SPARROW

(*Ammodramus leconteii*)

Westmoreland Co. A juvenile was banded at Powdermill Nature Reserve on 20 October 1991. First confirmed record for Pennsylvania (Robert Mulvihill, Robert Leberman).

CLASS II

ROSS' GOOSE

(*Chen rossii*)

Lancaster Co. An adult at Middle Creek Wildlife Management Area 8 March 1992. Third record for Pennsylvania (J. Heller, R. Miller).

PARASITIC JAEGER

(*Stercorarius parasiticus*)

Erie Co. A juvenile at Gull Point, Presque Isle SP 5 October 1991 (E. Kwater, J. McWilliams).

BREWER'S BLACKBIRD

(*Euphagus cyanocephalus*)

Lancaster Co. At least one male near Quarryville 15 December 1991 (C. Hicks, R. Miller).

CLASS III

WHITE IBIS

(*Eudocimus albus*)

Mercer Co. An adult on Spring Road near Grove City 5 May 1991 (S. McCarl).

EURASIAN WIGEON

(*Anas penelope*)

Erie Co. An adult male at Presque Isle SP 9 November 1991 (E. Kwater).

HARLEQUIN DUCK

(*Histrionicus histrionicus*)

Warren Co. Three females on the Allegheny River 5 miles west of Warren 11 February 1967 (H. Johnson, T. Grisez). One co-authored account submitted, hence Class III.

BLACK VULTURE

(*Coragyps atratus*)

Clinton Co. A bird at Beech Creek on 22 December 1991 was the first known record for Clinton Co. (P. and G. Schwalbe).

SANDHILL CRANE

(*Grus canadensis*)

Dauphin Co. One at Haldeman's Island 6 March 1991 (D. Brauning).

HUDSONIAN GODWIT

(*Limosa haemastica*)

Lehigh Co. An adult in pre-basic molt at Schantz Road near

Allentown 11 November 1991. First known Lehigh Co. record (R. Wiltraut).

LONG-BILLED DOWITCHER
(*Limnodromus scolopaceus*)
Montgomery Co. A juvenile at Green Lane Reservoir from 4–15 November 1991 (R. Wiltraut).

WILSON'S PHALAROPE
(*Phalaropus tricolor*)
Mercer Co. A bird at Shenango Reservoir 4 August 1991 (M. Fialkovitch). Although not a state rarity this species is included here because of its relative rarity in western Pennsylvania.

PARASITIC JAEGER
(*Stercorarius parasiticus*)
Erie Co. One at Gull Point, Presque Isle SP 3 November 1991 (J. McWilliams).

FRANKLIN'S GULL
(*Larus pipixcan*)
Luzerne Co. A bird in alternate definitive plumage at Harvey's Lake 17 April 1992. First county record (J. Skinner).

BAND-TAILED PIGEON
(*Columba fasciata*)
Erie Co. A bird was observed along Marina Drive, Presque Isle SP 12 December 1992. First state record (D. Snyder).

G R E A T C R E S T E D FLYCATCHER
(*Myiarchus crinitus*)
Berks Co. A bird at Blue Marsh Lake 1–6 January 1992 is included here because of the unseasonal nature of the sighting (D. Kendall).

SHARP-TAILED SPARROW
(*Ammodramus caudacutus*)
Lancaster Co. At least 12 and perhaps as many as 20 individuals on small islands in the Susquehanna River at Bainbridge 6 October 1991 (S. Santner).

BREWER'S BLACKBIRD
(*Euphagus cyanocephalus*)
Cumberland Co. A male at Camp Hill 26 October 1991 (D.

Colyer).

List of Records Not Accepted

Pacific/Arctic Loon—1 December 1991, Nockamixon Lake, Bucks Co. Description did not rule out Red-throated or Common loons.

Brown Pelican—22 July 1991, Conneaut Harbor, Ohio. Bird was originally seen in Pa. but no details received. Only documentation was of the bird's occurrence in Ohio. This record was not accepted by the Ohio Records Committee.

Black-legged Kittiwake—4 November 1991, Green Lane Reservoir, Montgomery Co. Insufficient details submitted.

Pacific Slope Flycatcher—15 December 1985, Middle Creek Wildlife Management Area, Lancaster Co. No recording of the (diagnostic) call was made.

Loggerhead Shrike—4 November 1990, Donegal Lake, Westmoreland Co. Details submitted strongly suggest Northern Shrike.

(O r e g o n) D a r k - e y e d Junco—19 January 1992, Grove City, Mercer Co. Description did not rule out the Dark-eyed race conclusively.

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PENNSYLVANIA BIRDLISTS

Compiled by **Terry Schiefer**

If 1991 was the year of the Big Year, then 1992 was the year of the Biggest Year! I felt certain that Deuane Hoffman's record of 293 in 1991 would stand for a long time. But it took only one year for a new name to top the charts. Bob Schutsky's total of 306 is amazing! Deuane rallied back with an equally amazing 305, but I bet he would have loved seeing two more birds. Not to be overlooked are big years by Randy Miller and Jonathan Heller, both among the ten biggest big years ever done in Pennsylvania. Are there any takers for a 1993 big year?

Jerry McWilliams has finally set his eyes on his 300th Erie County bird, a Barrow's Goldeneye. This is the first time anyone has ever seen 300 species in a single Pennsylvania county! Jerry also established the second largest county annual list ever. Also among the top ten county annual lists was a new Lancaster County record set by Jonathan Heller.

There are now 26 birders who have seen that elusive 300th Pennsylvania bird. Joining the ranks this year are Dave DeReamus, Al Guarente, Randy Miller, William Murphy and Bob Schutsky. Back in 1985 only six birders could claim that distinction.

In the county lifelist category, Steve Santner still holds on to top lists in ten counties, followed by Deuane Hoffman, William Reid, and Gene Wilhelm who each have four top lists to their credit. There are still 25 counties with top lists under 100.

Have fun birding in 1993!

PENNSYLVANIA LIFELISTS

1	345	Barbara Haas
2	344	Franklin Haas
3	330	Eric Witmer
3	330	John Miller (<i>Birding '92</i>)
5	329	Bernard Morris
6	325	Steve Santner
6	325	Robert Schutsky
8	324	Deuane Hoffman
9	323	Jan Witmer
10	321	Jerry Book
10	321	Tom Garner
12	319	Paul Schwalbe
13	315	Gerald McWilliams
14	313	Harry Franzen
15	312	Glenna Schwalbe
16	311	John Ginaven
16	311	Randy Miller
18	310	Phillips Street
18	310	Rick Wiltraut
20	306	Dave DeReamus
21	305	Gene Wilhelm
22	302	William Murphy (<i>Birding '92</i>)
22	302	Sam Stull ('85)
24	301	Al Guarente
25	300	Evelyn Kopf ('89)
25	300	Larry Lewis ('88)
27	299	Harold Morrin (<i>Birding '92</i>)
27	299	Keith Richards (<i>Birding '82</i>)
29	298	Joyce Hoffmann
29	298	Fritz Brock ('91)
31	296	Margaret Higbee (<i>Birding '92</i>)
31	296	Allan Keith (<i>Birding '92</i>)
31	296	Nick Pulcinella (<i>Birding '92</i>)
34	294	George Malosh (<i>Birding '91</i>)
34	294	James Baxter ('86)
36	293	John Peplinski (<i>Birding '92</i>)
37	292	Terence Schiefer
37	292	David Freeland (<i>Birding '92</i>)
37	292	Ronald Leberman ('91)

40	291	Frank Windfelder
41	289	Ed Kwater
42	288	Jonathan Heller
43	287	Richard Colyer
44	285	Allen Schweinsberg
45	284	James Gray (<i>Birding '83</i>)
46	283	Roger Higbee (<i>Birding '92</i>)
46	283	William Reid ('91)
48	282	Skip Conant
48	282	Armas Hill (<i>Birding '92</i>)
50	280	Neal Thorpe
51	278	Richard Timm (<i>Birding '92</i>)
51	278	Merrill Wood ('91)*
51	278	James Baird (<i>Birding '81</i>)
54	277	Bonnie Baird (<i>Birding '81</i>)
55	276	Steve Farbotnik
56	275	Kenneth Gabler
57	274	Gloria Lamer
58	272	Carl Garner
59	271	Thomas Reeves
59	271	Tom Clauser ('89)
61	269	Mike Fialkovich
61	269	Don Henise
63	268	Ernest Schiefer
63	268	Walter Shaffer ('91)
65	267	Robyn Henise
65	267	Ken Lebo
65	267	Harry Henderson ('91)
68	259	Linda McWilliams
69	257	Kevin Crilley
69	257	Kerry Grim
69	257	Joe Meloney ('90)
72	256	Devich Farbotnik
73	253	Russell Ryan
74	252	Scott Bills
74	252	Ted Grisez ('90)
76	250	John Salvetti
77	247	Jim Lockyer ('91)
78	246	Bruce Carl
78	246	Steve Feldstein ('90)
80	245	Greg Malosh ('91)
81	244	Geoff Malosh ('91)

82	241	Matt Wlasniewski
82	241	David Kyler ('90)
84	240	Stan Glowacki ('91)
85	235	Greg Grove
86	231	Roy Ickes ('91)
87	225	Walter Fye
87	225	Arthur Bergey ('89)
89	222	Sherri Labar ('91)
90	221	Stephen Mallanson ('91)
91	218	Joe Strasser
91	218	Voni Strasser
93	216	Jim McKinney
94	210	Larry Brown
95	206	Russ Ruffing ('91)
96	204	Arlene Brown

COUNTY LIFELISTS (TOP 50)

1	304	<i>Erie</i>	Gerald McWilliams
2	291	<i>Lancaster</i>	Tom Garner
2	291	<i>Lancaster</i>	Eric Witmer
2	291	<i>Erie</i>	Sam Stull ('85)
5	290	<i>Philadelphia</i>	John Miller ('85)
6	289	<i>Delaware</i>	John Miller ('85)
7	288	<i>Philadelphia</i>	Robert Schutsky
8	284	<i>Philadelphia</i>	Jerry Book
9	282	<i>Philadelphia</i>	Jan Witmer
10	276	<i>Philadelphia</i>	Randy Miller
11	274	<i>Luzerne</i>	William Reid ('91)
12	272	<i>Centre</i>	Merrill Wood ('91)*
13	271	<i>Philadelphia</i>	Steve Santner
14	270	<i>Erie</i>	Ed Kwater
15	268	<i>Chester</i>	Larry Lewis ('88)
16	267	<i>Butler</i>	Gene Wilhelm
16	267	<i>Philadelphia</i>	Barbara Haas
16	267	<i>Philadelphia</i>	Jonathan Heller
19	266	<i>Philadelphia</i>	Deuane Hoffman
20	263	<i>Erie</i>	Deuane Hoffman
20	263	<i>Centre</i>	Harry Henderson ('91)
22	260	<i>Cumberland</i>	Deuane Hoffman

23 257 *Lehigh* Bernard Morris
 23 257 *Lehigh* Fritz Brock ('91)
 25 255 *Delaware* Nick Pulcinella ('91)
 26 254 *Delaware* Barbara Haas
 27 253 *Erie* Linda McWilliams
 27 253 *Franklin* Kenneth Gabler
 29 250 *Franklin* Carl Garner
 29 250 *Butler* David Freeland ('85)
 31 249 *Bucks* Steve Farbotnik
 32 248 *Lehigh* Rick Wiltraut
 33 246 *Chester* Barbara Haas
 33 246 *Chester* Phillips Street
 33 246 *Delaware* Al Guarente
 33 246 *Erie* Barbara Haas
 37 245 *Dauphin* Deuane Hoffman
 37 245 *Philadelphia* Frank Windfelder
 39 244 *Centre* Terence Schiefer
 40 243 *Cumberland* Don Henise
 41 242 *Centre* Rick Wiltraut
 41 242 *Erie* David Freeland ('85)
 43 241 *Philadelphia* Barbara Haas
 44 240 *Berks* Kerry Grim
 44 240 *Philadelphia* Larry Lewis ('88)
 44 240 *Allegheny* David Freeland ('85)
 47 239 *Carbon* Rick Wiltraut
 48 238 *Chester* John Ginaven
 48 238 *Clinton* Paul Schwalbe
 48 238 *Cumberland* Robyn Henise
 48 238 *Philadelphia* Al Guarente

203 Terence Schiefer
 197 Barbara Haas
 196 Ernest Schiefer
 192 Larry Lewis ('88)
 184 Deuane Hoffman
 173 Steve Santner
 171 Bernard Morris
 153 Al Guarente
 143 Nick Pulcinella ('91)
 139 Scott Bills
 132 Jonathan Heller
 132 Randy Miller
 125 Kevin Crilley

BLAIR

174 David Kyler ('90)
 103 Steve Santner
 67 Randy Miller
 53 Don Henise ('91)

BRADFORD

215 William Reid ('91)
 190 Ronald Young
 168 Frances Biles ('85)
 132 Randy Miller
 105 Barbara Haas ('90)
 102 Steve Santner

BUCKS

249 Steve Farbotnik
 231 Devich Farbotnik
 202 Stan Glowacki ('91)
 195 Harry Franzen
 146 Bernard Morris
 125 Kevin Crilley
 118 Barbara Haas
 111 Steve Santner

BUTLER

267 Gene Wilhelm
 250 David Freeland ('85)
 165 George Malosh ('89)
 122 Geoff Malosh ('91)
 119 Greg Malosh ('91)
 108 Deuane Hoffman
 100 Steve Santner

CAMBRIA

173 John Salvetti
 161 Gloria Lamer
 103 Steve Santner
 83 Deuane Hoffman

CAMERON

105 Steve Santner
 81 Deuane Hoffman

CARBON

239 Rick Wiltraut
 199 Bernard Morris
 115 Steve Santner
 102 Deuane Hoffman
 81 Al Guarente

CENTRE

272 Merrill Wood ('91)*
 263 Harry Henderson ('91)
 244 Terence Schiefer
 242 Rick Wiltraut
 218 Scott Bills
 179 Paul Schwalbe
 162 Russ Ruffing ('91)

161 Greg Grove
 145 Kevin Crilley
 139 Steve Santner
 126 Barbara Haas
 121 Deuane Hoffman

CHESTER

268 Larry Lewis ('88)
 246 Barbara Haas
 246 Phillips Street
 238 John Ginaven
 206 Al Guarente
 193 Neal Thorpe ('90)
 164 Steve Santner
 151 Nick Pulcinella ('91)
 123 Deuane Hoffman
 111 Terence Schiefer
 107 Jonathan Heller

CLARION

192 Walter Fye
 181 Gene Wilhelm
 146 Margaret Buckwalter
 104 Steve Santner
 51 Randy Miller

CLEARFIELD

100 Steve Santner
 87 Paul Schwalbe
 82 Deuane Hoffman
 82 Margaret Higbee ('90)

CLINTON

238 Paul Schwalbe
 120 Steve Santner
 101 Barbara Haas
 57 Merrill Wood ('91)*

COLUMBIA

100 Steve Santner

CRAWFORD

201 Gene Wilhelm
 198 Margaret Higbee ('90)
 193 Roger Higbee ('90)
 191 Ronald Leberman ('91)
 169 Deuane Hoffman
 152 Geoff Malosh ('91)
 150 Greg Malosh ('91)
 124 George Malosh ('89)
 111 Steve Santner
 102 Terence Schiefer

CUMBERLAND

260 Deuane Hoffman
 243 Don Henise
 238 Robyn Henise
 226 Richard Colyer
 193 Steve Santner
 176 George Wertz, Jr. ('86)*
 163 Carl Garner
 138 Kenneth Gabler
 103 Jonathan Heller

DAUPHIN

245 Deuane Hoffman
 234 George Wertz, Jr. ('86)*
 223 Scott Bills
 219 Steve Santner
 175 Richard Colyer
 127 Merrill Wood ('91)*
 110 Kenneth Gabler

COUNTY LIFELISTS (BY COUNTY)

ADAMS

210 Arthur Kennell
 175 Carl Garner
 165 Deuane Hoffman
 142 Steve Santner
 140 Kenneth Gabler

ALLEGHENY

240 David Freeland ('85)
 190 Ed Kwater
 168 George Malosh ('89)
 166 Mike Fialkovich
 144 Geoff Malosh ('91)
 141 Greg Malosh ('91)
 102 Steve Santner

ARMSTRONG

202 Margaret Higbee ('91)
 91 Steve Santner

BEAVER

152 George Malosh ('89)
 113 Geoff Malosh ('91)
 112 Greg Malosh ('91)
 97 Steve Santner
 75 John Snarey ('91)

BEDFORD

122 Steve Santner
 97 Deuane Hoffman
 82 Kenneth Gabler
 74 Merrill Wood ('91)*
 66 Jonathan Heller

BERKS

240 Kerry Grim
 208 Ken Lebo
 207 Matt Wlasniewski

109 William Reid ('91)
 108 Don Henise
 100 Randy Miller

DELAWARE
 289 John Miller ('85)
 255 Nick Pulcinella ('91)
 254 Barbara Haas
 246 Al Guarente
 229 Thomas Reeves
 227 Skip Conant
 225 Paul Schwalbe
 219 John Ginaven
 139 Deuane Hoffman
 128 Steve Santner

ELK
 156 Linda Christenson
 97 Steve Santner
 76 Ted Grisez ('90)

ERIE
 304 Gerald McWilliams
 291 Sam Stull ('85)
 270 Ed Kwater
 263 Deuane Hoffman
 253 Linda McWilliams
 246 Barbara Haas
 242 David Freeland ('85)
 236 George Malosh ('89)
 233 Gene Wilhelm
 233 Margaret Higbee ('91)
 231 Mike Fialkovich
 221 Roger Higbee ('91)
 218 Geoff Malosh ('91)
 217 Greg Malosh ('91)
 204 Steve Santner
 197 Terence Schiefer
 190 Richard Colyer
 173 Bernard Morris
 167 Randy Miller

FAYETTE
 119 Steve Santner
 78 Deuane Hoffman
 76 Randy Miller
 73 Roy Ickes ('87)

FOREST
 140 Ted Grisez ('90)
 92 Steve Santner

FRANKLIN
 253 Kenneth Gabler
 250 Carl Garner
 145 Deuane Hoffman
 119 Steve Santner
 115 Don Henise

FULTON
 192 Kenneth Gabler
 170 Carl Garner
 119 Steve Santner
 118 Robert Walker ('89)

GREENE
 109 Steve Santner
 101 Roy Ickes ('91)
 88 Randy Miller
 77 Barbara Haas
 57 Deuane Hoffman ('91)

HUNTINGDON
 214 Greg Grove
 213 David Kyler ('90)
 181 Merrill Wood ('91)*
 108 Deuane Hoffman
 104 Steve Santner

INDIANA
 235 Margaret Higbee ('91)
 233 Gloria Lamer
 220 Roger Higbee ('91)
 195 Anne Hedgpath ('86)
 117 Steve Santner

JEFFERSON
 100 Steve Santner
 95 Scott Bills
 61 Margaret Higbee ('87)

JUNIATA
 149 Deuane Hoffman
 107 Steve Santner
 73 Jonathan Heller

LACKAWANNA
 103 Steve Santner

LANCASTER
 291 Tom Garner
 291 Eric Witmer
 288 Robert Schutsky
 284 Jerry Book
 282 Jan Witmer
 276 Randy Miller
 271 Steve Santner
 267 Barbara Haas
 267 Jonathan Heller
 266 Deuane Hoffman
 240 Larry Lewis ('88)
 219 Bruce Carl
 201 George Wertz, Jr. ('86)*
 183 Terence Schiefer
 172 Nick Pulcinella ('91)
 172 Dennis Weaver ('89)
 184 Al Guarente
 169 Richard Colyer
 154 Don Henise
 140 Kevin Crilley
 122 Bernard Morris

LAWRENCE
 210 Gene Wilhelm
 102 Steve Santner

LEBANON
 234 Steve Santner
 209 Deuane Hoffman
 202 Randy Miller
 186 Stephen Mallanson ('91)
 152 George Wertz, Jr. ('86)*
 134 Jonathan Heller
 129 Bruce Carl
 122 Barbara Haas

LEHIGH
 257 Bernard Morris
 257 Fritz Brock ('91)
 248 Rick Wiltraut
 103 Steve Santner
 93 Barbara Haas

LUZERNE

274 William Reid ('91)
 216 Mark Blauer ('85)
 143 Kevin Crilley
 104 Steve Santner
 72 Jonathan Heller

LYCOMING
 223 Paul Schwalbe
 124 Steve Santner
 89 Deuane Hoffman
 65 Barbara Haas ('89)

MCKEAN
 99 Ted Grisez ('90)
 90 Steve Santner

MERCER
 211 Gene Wilhelm
 174 Deuane Hoffman
 124 Steve Santner
 64 Greg Malosh ('91)
 50 Randy Miller
 50 Geoff Malosh ('91)

MIFFLIN
 123 Greg Grove
 115 Deuane Hoffman
 108 Steve Santner
 57 Merrill Wood ('91)*
 54 Randy Miller

MONROE
 223 Phillips Street
 117 Bernard Morris
 110 Steve Santner
 76 Al Guarente

MONTGOMERY
 232 Harry Franzen
 226 Kevin Crilley
 217 Bernard Morris
 213 Neal Thorpe
 136 Steve Santner
 120 Al Guarente
 107 Robert Walker ('89)

MONTOUR
 211 Barbara Haas
 202 Allen Schweinsberg
 119 Steve Santner
 103 Kevin Crilley
 89 Deuane Hoffman

NORTHAMPTON
 230 Rick Wiltraut
 229 Steve Boyce ('90)
 220 Brad Silfies ('90)
 219 Dave DeReamus
 211 Bernard Morris
 106 Steve Santner

NORTHUMBERLAND
 204 Allen Schweinsberg
 166 Barbara Haas
 112 Steve Santner
 67 Scott Bills

PERRY
 208 Deuane Hoffman
 198 Richard Colyer
 157 Steve Santner
 141 Walter Shelly, Jr.

- 139 Dallas Dowhower
- 127 Don Henise

PHILADELPHIA

- 290 John Miller ('85)
- 245 Frank Windfelder
- 241 Barbara Haas
- 238 Al Guarente
- 237 Harry Franzen
- 223 Nick Pulcinella ('91)
- 218 Skip Conant
- 218 John Ginaven
- 184 Jim McKinney
- 163 Stephen Lawrence ('90)
- 161 Thomas Reeves
- 158 Deuane Hoffman
- 153 Steve Santner
- 120 Terence Schiefer
- 103 Kevin Crilley

PIKE

- 111 Phillips Street
- 110 Deuane Hoffman
- 101 Steve Santner
- 100 Barbara Haas ('89)

POTTER

- 101 Paul Schwalbe
- 85 Steve Santner
- 61 Deuane Hoffman ('91)

SCHUYLKILL

- 220 Tom Clauser ('89)
- 130 Steve Santner
- 117 Barbara Haas
- 113 Bernard Morris
- 76 Bruce Carl

SNYDER

- 165 Allen Schweinsberg
- 125 Steve Santner
- 64 Merrill Wood ('91)*

SOMERSET

- 161 Richard Murphy ('91)
- 125 Steve Santner

SULLIVAN

- 149 Skip Conant
- 104 Steve Santner
- 100 Randy Miller
- 99 Thomas Reeves
- 59 Barbara Haas ('89)

SUSQUEHANNA

- 161 William Reid ('91)
- 104 Steve Santner
- 89 Barbara Haas ('89)

TIOGA

- 202 Larry Brown
- 196 Arlene Brown
- 119 Steve Santner
- 106 Bruce Carl
- 97 Deuane Hoffman

UNION

- 213 Allen Schweinsberg
- 132 Barbara Haas
- 117 Steve Santner
- 80 Deuane Hoffman ('91)

VENANGO

- 212 Gary Edwards ('91)
- 175 Gene Wilhelm
- 103 Steve Santner

WARREN

- 227 Harris Johnson ('86)
- 217 Ted Grisez ('90)
- 113 Steve Santner
- 51 Randy Miller

WASHINGTON

- 210 Margaret Higbee ('91)
- 209 Roger Higbee ('91)
- 190 Roy Ickes ('91)
- 161 Russ Ruffing ('91)
- 141 George Malosh ('89)
- 100 Steve Santner

WAYNE

- 205 Joe Strasser
- 205 Voni Strasser
- 122 William Reid ('91)
- 102 Steve Santner
- 71 Deuane Hoffman

WESTMORELAND

- 136 Steve Santner
- 91 Margaret Higbee ('90)
- 55 Randy Miller

WYOMING

- 231 William Reid ('91)
- 133 Skip Conant
- 110 Steve Santner
- 95 Barbara Haas ('89)
- 89 Thomas Reeves

YORK

- 224 Russell Ryan
- 191 Steve Santner
- 172 Deuane Hoffman
- 172 George Wertz, Jr. ('86)*
- 137 Jonathan Heller
- 135 Randy Miller
- 132 Kenneth Gabler
- 130 Carl Garner
- 112 Don Henise
- 109 Barbara Haas

PA ANNUAL LISTS 1992

- 306 Robert Schutsky
- 305 Deuane Hoffman
- 272 Randy Miller
- 269 Jonathan Heller
- 260 Ken Lebo
- 260 Gerald McWilliams
- 258 Steve Santner
- 254 Ed Kwater
- 248 Jerry Book
- 243 Gloria Lamer
- 240 Mike Fialkovich
- 236 Bernard Morris
- 233 Don Henise
- 232 Steve Farbotnik
- 228 Al Guarente
- 227 Robyn Henise
- 223 Skip Conant
- 222 Devich Farbotnik

- 222 Gene Wilhelm
- 219 John Ginaven
- 219 Ernest Schiefer
- 214 Greg Grove
- 212 John Salvetti
- 207 Carl Garner
- 197 Matt Wlasniewski
- 192 Kenneth Gabler
- 188 Linda McWilliams
- 169 Larry Brown
- 167 Walter Fye
- 164 Arlene Brown

PA ANNUAL LISTS (TOP 50)

- | | | | |
|----|-----|--------------------------------|------|
| 1 | 306 | Robert Schutsky | 1992 |
| 2 | 305 | Deuane Hoffman | 1992 |
| 3 | 293 | Deuane Hoffman | 1991 |
| 4 | 288 | Barbara Haas | 1986 |
| 4 | 288 | Franklin Haas | 1986 |
| 6 | 278 | Sam Stull | 1979 |
| 6 | 278 | Gene Wilhelm | 1983 |
| 8 | 273 | Joyce Hoffman | 1991 |
| 9 | 272 | Randy Miller | 1992 |
| 10 | 269 | Jonathan Heller | 1992 |
| 11 | 268 | Terence Schiefer | 1985 |
| 11 | 268 | Deuane Hoffman | 1986 |
| 13 | 266 | Randy Miller | 1991 |
| 14 | 263 | Gerald McWilliams | 1983 |
| 15 | 261 | Gerald McWilliams | 1991 |
| 16 | 260 | Ken Lebo | 1992 |
| 16 | 260 | Gerald McWilliams | 1992 |
| 18 | 259 | Gene Wilhelm | 1982 |
| 19 | 258 | Steve Santner | 1992 |
| 20 | 255 | Franklin Haas | 1977 |
| 20 | 255 | Ed Kwater | 1989 |
| 22 | 254 | Barbara Haas | 1977 |
| 22 | 254 | Ed Kwater | 1992 |
| 24 | 252 | John Ginaven | 1978 |
| 24 | 252 | Bonnie Baird 1979 (Birding) | |
| 24 | 252 | James Baird 1979 (Birding) | |
| 24 | 252 | Gerald McWilliams | 1988 |
| 24 | 252 | Ed Kwater | 1991 |
| 29 | 251 | Gerald McWilliams | 1989 |
| 29 | 251 | Steve Santner 1989 (Birding) | |
| 29 | 251 | Steve Santner | 1991 |
| 32 | 250 | Gerald McWilliams | 1979 |
| 32 | 250 | Ed Kwater | 1990 |
| 34 | 249 | David Freeland | 1984 |
| 34 | 249 | Steve Santner | 1990 |
| 36 | 248 | Gerald McWilliams | 1985 |
| 36 | 248 | Jerry Book | 1992 |
| 38 | 247 | James G. Stull 1976 (Birding) | |
| 38 | 247 | Gerald McWilliams | 1982 |
| 38 | 247 | Terence Schiefer | 1986 |
| 41 | 246 | Barbara Haas | 1979 |
| 41 | 246 | Gerald McWilliams | 1980 |
| 41 | 246 | Gerald McWilliams | 1981 |
| 41 | 246 | David Freeland 1981 (Birding) | |
| 41 | 246 | Gerald McWilliams | 1984 |
| 41 | 246 | Jonathan Heller | 1991 |
| 41 | 246 | Charles Taggart 1991 (Birding) | |
| 48 | 245 | John Ginaven | 1979 |
| 48 | 245 | Terence Schiefer | 1984 |
| 48 | 245 | Gene Wilhelm | 1985 |
| 48 | 245 | Larry Lewis | 1986 |

continued on page 32...

Summary of the Season - January to March 1993

Probably the most notable event of the season was the Blizzard of '93 which dumped from up to 36 inches of snow across the state. Temperatures had been reasonably temperate until mid- to late- January, allowing for bodies of water to remain open. Then the cold spell arrived, capped by the blizzard. Many species which normally appear in good numbers in mid-March (*i.e.*, robins, phoebes, martins) were either scrounging at plowed road edges or delayed in arrival. Part of the problem was the wide area covered by the storm, dipping down as far as Louisiana and creating havoc for humans and birds alike. But it wasn't the storm to provide us with northern finches. Some year we may have them again to view. In the meantime we may all have to take trips north and/or west to keep up our identification skills.

Late that Saturday afternoon we had a parakeet *sp.* fly through our yard! never to be seen again for positive identification. We were able to make do for feeding ourselves, but our supply of birdseed became drastically low with the hundreds of birds in at the feeding station, so a somewhat hazardous trip to the local hardware store was in order to provide them sustenance. Hess (*Butler*) provides more information about what happened in that part of the state. The storm brought 15 Purple Finch to Egli's (*Lycoming*) feeder and 25 at Klebauskas' feeders in *Wyoming*. One casualty of the blizzard may have been the female Red-shouldered Hawk from a nest site in the Hermitage area (*Mercer*), writes McKay. Schweinsberg mused that the male Wood Duck found dead on a pavement in Danville (*Montour*) may have been storm related.

The expanded Notes section gives supplementary comments

as to what was happening where. But it was remarkable to have 8 counties reporting Osprey by the end of March. Bald Eagles on nest apparently weathered the storm quite well in the 3 counties where they now are nesting.

Pine Warblers are frequently found all winter in SE Pa., but January and February records in *Lycoming* and *Montour* are a bit more unusual.

It was heartening to read that numbers of American Tree and White-throated sparrows were the highest in several years in *Huntingdon*.

What may have been a most unusual record for *Erie* was the fact that no white-winged gull was found in March. The ice never left Presque Isle Bay until 12 April, so numbers of both waterfowl and gulls were impacted accordingly. All that notwithstanding, King Eider and Barrow's Goldeneye were located to provide some visual relief.

The total number of species seen in the state this quarter was 172, with 50 species making the Rare and Unusual Bird Reports section. Water related birds made up the bulk of the reports, but also 5 species of warblers, 5 sparrows and a Painted Bunting were found. Western visitors included Say's Phoebe, Townsend's Solitaire, Varied Thrush, the Clay-colored and Harris' sparrows, and a Yellow-headed Blackbird. And the lone northern finch, 8 Evening Grosbeaks, in *Huntingdon* in March.

Although it may be a bit presumptuous, especially not knowing the weather patterns in South America, our feeling is that the blizzard and the associated southern storms may have had marked influence on the early part of the spring

migration. One thing that stands out was that the first Indigo Buntings that we had were at our feeders. At one point we had four males on the platform feeder the first week of May. The urge to move was there, but were there slim pickings on the way north? Others mentioned similar observations to us. For your quarterly poser, what effects on birds, if any, did you note that may have been weather related? Did anyone else note that Purple Martin and swallow numbers seem down? Those of you who monitor specific colonies or areas may be able to shed more light on this.

Perhaps as we swelter in summer's heat, it will help to cool us by reading the winter's summary.

Rare and Unusual Bird Reports

(Species not expected or fewer than five counties reporting)

The following species were seen in five or fewer counties and/or were unusual for a particular county, and/or were a significantly early/late date for the state.

- Red-necked Grebe** - *Berks*: 1 at L. Ontelaunee 3/27 (Matt Spence); *Bucks*: 1 at Peace Valley Park 3/27 (August Mirabella); *Crawford*: 1 at the Pymatuning Causeway 2/14 (Ronald Leberman); *Dauphin*: 2 at Susquehanna R. 3/28 (Grace Randolph); *York*: 1 in Jan. at Codorus SP (Dan & Lori Heathcote).
- Great Cormorant** - *Bucks*: 1 at Tullytown 1/2 and 1 at Nockamixon SP (Steve Farbotnik) and 12 at Bristol 3/27 (Jerry Dewaghe); *Delaware*: 3 on the Delaware River 1/17 (Nick Pulcinella); *Philadelphia*: 36 on the Delaware R. 1/17 on the mid-winter census.
- American Bittern** - *Butler*: 1 at Moraine SP 2/16-18 (Larry Adams, *fide* Gene Wilhelm) is very rare for western Pa. in winter. It appeared just before the weather turned severe.
- Great Egret** - *Cumberland*: 1 at Wildwood L. 3/11 (Richard Williams); *Juniata*: 1 at Port Royal 3/30 (Linda Whitesel); *York*: 1 at Brunner's I. 3/28 (Al Spiese).
- Black-crowned Night-Heron** - *Cumberland*: 1 at Huntsdale 3/27 (Don & Robyn Henise); *Delaware*: All quarter.
- Greater White-fronted Goose** - *Adams*: 1 at Black Horse Tavern Rd. 2/18 to 3/2 (Art & Eleanor Kennell, Jack & Nancy Locher); *Chester*: 2 at Marsh Creek SP 3/1 (Grier Saunders, Larry Lewis); *Lancaster*: 2 over Mount Joy 3/10 (Jonathan Heller), 1 at Middle Creek WMA 3/26 (Randy Miller), and 1 at Muddy Run 3/9 (Jerry Book).
- Ross' Goose** - *Berks*: 1 in a flock of 580 Snow Geese at Lake Ontelaunee 3/30 (Ken Lebo). This is a 1st county record.; *Lancaster*: 1 near Muddy Run 1/15 (Robert Schutsky) and 1 at Middle Creek WMA 3/26 (Randy Miller).
- Brant** - *Berks*: 1 at Oley 3/9 (Ken Lebo).
- Eurasian Wigeon** - *Lancaster*: The bird reported previous quarter remained to at least 1/14 (Randy Miller); *Fayette*: 1 at Greenlick Dam 3/11 (Don Koch).
- King Eider** - *Erie*: all at Presque Isle - 1 ♀ to 1/2 and up to 2 ♂ 1/14-24 (Jerry McWilliams).
- Surf Scoter** - *Allegheny*: 2 on the Allegheny R. 3/8-11 (Mike Fialkovich, Jack Solomon, Sue Sterritt, Jim Valimont); *Erie*: Up to 3 from 2/14 into March at Presque Isle (Jerry McWilliams); *Lancaster*: 3 at Marietta 3/30 (Hank Brown, Lloyd Hassel, Ralph Miller, Randy Miller); *Warren*: 1 at Warren 1/2 (Bill Hill).
- White-winged Scoter** - *Armstrong*: 1 at Keystone Res. 1/13-17 (Margaret & Roger Higbee, Linda Wagner); *Bucks*: 1 at Peace Valley Park 1/31 (Steve Farbotnik); *Cumberland*: 1 at W. Fairview Boat Launch 3/21 (Ramsay Koury); *Erie*: 1 on 1/14 and 3 in March at Presque Isle (Jerry McWilliams); *Lancaster*: 1 at Marietta 3/29 (Jonathan Heller).
- Barrow's Goldeneye** - *Erie*: 1 at Presque Isle 2/13-20 (Jerry McWilliams).
- Broad-winged Hawk** - *Franklin*: 4 at Tuscarora Summit on 3/31 (Charlie Brightbill); *Northumberland*: 2 in Rush Twp 3/27 (Dave Unger).
- Golden Eagle** - *Bedford*: 3 at Wills Mt. from Jan. to 3/13 when snow prevented access (Tim Flanigan); *Centre*: 1 at Bald Eagle Mt. 2/18 (Karl Striedieck); *Franklin*: 1 at Tuscarora Summit 3/31 (Charlie Brightbill); *Huntingdon*: 1 at Water Street 1/30 (John & Becky Peplinski) and 1 at Shade Gap 2/24.
- Merlin** - *Bucks*: 1 at Nockamixon SP 1/28-2/4 (Don Almon, Steve Farbotnik); *Franklin*: 1 at Tuscarora Summit 3/31 (Charlie Brightbill); *Montgomery*: 1 at Upper Perkiomen Valley Park 1/20-22 (Gary Freed, Larry Rhoads, George Franchois); *Northampton*: 1 at Moorestown 3/1 (Brad Silfies).
- Common Moorhen** - *Philadelphia*: 1 on 1/17.
- Greater Yellowlegs** - *Cumberland*: 1 at Big Spring 3/28 (Don & Robyn Henise); *Mercer*: 1 at Shenango River Res. 3/28 (Marty McKay).
- Laughing Gull** - *Lancaster*: 1 at Conejehola Flats 3/28 (Jerry Book).
- Franklin's Gull** - *Indiana*: 1 at Yellow Creek State Park 1/5 (Margaret Higbee, Gloria Lamer, Linda Wagner, Alice & Dave Beatty).
- Common Black-headed Gull** - *Chester*: 1 at a sewage treatment plant near Oxford 1/23 (Grier Saunders) remained for several weeks.
- Bonaparte's Gull** - *Cumberland*: 1 at Kuhn L. 3/22 and 11 at Newville 3/29 (Don & Robyn Henise); *Erie*: Present in Jan. and Mar.; *Huntingdon*: 1 at McAlevy's Fort 3/28 (Greg Grove); *Indiana*: 9 at Yellow Creek SP 3/29 (Gloria Lamer); *Westmoreland*: 3 at Donegal L. 3/22 and 1 on 3/29 (Robert Leberman).
- Iceland Gull** - *Berks*: Up to 4 at Blue Marsh L. to 1/10 and at least 1 present till 2/3 (Dean Kendall); *Bucks*: 1 at Tullytown 2/5 (Alan Brady); *Erie*: 1 at Presque Isle 1/24 (Jerry McWilliams).
- Glaucous Gull** - *Berks*: 1 at Blue Marsh L. 1/20 (Dean Kendall); *Erie*: 4 at Presque Isle 1/2 and 2 on 2/12 (Jerry McWilliams); *Philadelphia*: 1 on 1/17 and 1/19 (Nick Pulcinella, Dave Wiedner, Mike Logan).
- Snowy Owl** - *Bedford*: 1 at Breezewood 2/9 (Clyde McGinnett); *Centre*: 1 near the Penn State campus 2/19 (Robert Clarke, Paul Weeden); *Erie*: 1 at Edinboro 1/16 (Joyce Hoffman, Walt Shaffer) and 1 at Presque Isle 1/30 (Jerry McWilliams); *Fayette*: 1 near White from Dec. to mid-Feb. (Mary Shirland, m.ob.).
- Say's Phoebe** - *Berks*: 1 at Eckville 1/4-15 (Tom Lecky, m.ob.). This is the third late-Dec/early-Jan. record in this area since 1985.
- Northern Rough-winged Swallow** - *Franklin*: 1 at Welty Rd. 3/31 (Carl Garner).
- Barn Swallow** - *Bucks*: 1 at Nockamixon SP 3/30 (Steve Farbotnik); *Franklin*: 2 at Welty Rd. 3/31 (Carl Garner).
- House Wren** - *Butler*: 1 at Butler 3/31 (Marguerite Geibel) was early; *Lancaster*: 1 on the Lancaster CBC 1/2.
- Blue-gray Gnatcatcher** - *Lancaster*: 1 at Washington Boro 1/2 (Jonathan Heller *et al.*).
- Townsend's Solitaire** - The fourth state record appeared at Revere 3/22-23 (Steve Farbotnik). The bird was photographed and seen by many.
- Varied Thrush** - *Erie*: 1 at Green Twp 3/10-21 (Claudia Brown, ph.).
- Brown Thrasher** - *Bucks*: 1 at Peace Valley Park 2/22 (Ken Kitson); *Erie*: 1 at Presque Isle 2/24 (Jerry McWilliams); *Lehigh*: 1 at Hosensack 2/13 (Joanne Smith); *Potter*: 1 at Hebron 2/15 was late (Dave Hauber).
- Northern Shrike** - *Crawford*: 1 at Erie NWR 1/3 and 1 at Pymatuning L. 1/8 (Ronald Leberman); *Erie*: 1 at Presque Isle present from previous quarter through 3/22 (Jerry McWilliams); *Warren*: 1 at Lander 1/2 (Don Watts); *Westmoreland*: 1 at Jone's Mills from 1/12 through the quarter (m.ob.).
- Loggerhead Shrike** - *Adams*: At least 3 were present throughout the quarter (Art & Eleanor Kennell).
- Orange-crowned Warbler** - *Chester*: The bird found last quarter remained into Feb. at Struble L. (Frank & Barb Haas).
- Palm Warbler** - *Lancaster*: 2 at Washington Boro 1/2 (Jonathan Heller *et al.*) and 1 in Lancaster 2/21; *Philadelphia*: 1 on 1/17.
- Louisiana Waterthrush** - *Greene*: 1 at Bell's Farm 3/31 (Ralph Bell).
- Common Yellowthroat** - *Centre*: 1 at Lamar Fish Hatchery 1/3 (Allen Schweinsberg, Richard Nickelsen, J. Southerton); *Erie*: 1 present at Presque Isle from previous quarter through 1/23 (Ed Kwater); *York*: 1 at Pleasant Grove 1/1 (Russ Ryan) and 1 at Codorus SP in Jan. (Dan & Lori Heathcote).

PHOTOGRAPHIC HIGHLIGHTS

Wilson's Warbler - *Cumberland*: 1 at Alexander Spring Rd. 2/25-28 (Judy Stine, ph. Don & Robyn Henise).

Rose-breasted Grosbeak - *Elk*: An imm. remained at George Sager's feeder from the fall of '92 to 3/29.

Painted Bunting - *Delaware*: 1 at Broomall 2/11-3/31 (Tom Reeves, *et al.*) survived the 3/13 blizzard.

Chipping Sparrow - *Bucks*: 1 at Peace Valley Park 3/9 (Steve Farbotnik); *Indiana*: 1 at Shelocta 3/27 (Margaret Higbee); *Tioga*: 2 at Liberty area 3/30 (Bob & Dottie Cupper); *Westmoreland*: Present all quarter at Powdermill Nature Reserve.

Clay-colored Sparrow - 1 appeared during the blizzard of 3/13 at Carversville and remained until 3/25 (Margie Rutbell); *Montgomery*: 2 at Horsham 3/14-4/2 (Gary Freed).

Vesper Sparrow - *Northumberland*: 2 in Rush Twp 3/23 (Dave Unger).

Lincoln's Sparrow - *Tioga*: 1 at Liberty are 3/31 was new for the county (Bob & Dottie Cupper).

Harris' Sparrow - *Chester*: 1 found at a feeder near Cochranville 2/12 (Lynne Sharp) remained into March.

Yellow-headed Blackbird - *Lancaster*: From 1/21 to early Feb., at least 5 (3 ♂ and 2 ♀) were seen in mixed blackbird flocks all over the southern part of the county (m.ob.). Another was on Old Philadelphia Pike 2/21 (Mike Sangrey).

Brewer's Blackbird - *Lancaster*: 2 e. of Quarryville 1/24 and 1 s. of Quarryville 1/30 (Randy Miller).

Evening Grosbeak - *Huntingdon*: 8 at Huntingdon during March.

EXOTICS:

A **Chiloe Wigeon** was at Pymatuning Lake in February (Anthony Marich Jr.)



King Eider, Presque Isle S.P., *Erie*, 1/17/93. Photo by Rick Wiltraut.



Chiloe Wigeon, Pymatuning S.P., *Crawford*, 2/15/93. Photo by Anthony Marich Jr.



Harris' Sparrow, Cochranville, *Chester*, 2/20/93. Photo by Frank Haas.



Say's Phoebe, Eckville, *Berks*, 1/5/93. Photo by Rick Wiltraut.



Common Black-headed Gull, Oxford, *Chester*, 1/23/93. Photo by Rick Wiltraut.



Northern Saw-whet Owl, South Mountain, *Lehigh*, 2/23/93. Photo by Rick Wiltraut.



Townsend's Solitaire, Revere, *Bucks*, 3/23/93. Photo by Gerry Dewaghe.

Notes From The Field

ALLEGHENY: 2 Am. Black Duck X Mallard hybrids were at the Ohio R. 1/6 (Paul Brown). Unusual finds were Surf Scoter, N. Goshawk, and C. Snipe. Gulls continued in good numbers on the river.

ARMSTRONG: A lot of our "first" dates are really "last" dates for the winter season. Keystone Res. remained open until $\pm 1/20$ then stayed frozen longer into the spring; *i.e.*, Pied-billed Grebe present there 1/3-17 then absent till 3/22 at Rosston and 3/30 at Keystone Res.

BEDFORD: The McGinnetts had 4-5 E. Bluebird at their feeder 1/30+. They ate a peanut butter and seed mixture.

BUCKS: A Horned Grebe (ph. Alan Brady 3/11) was at Peace Valley Park. It was in transitional plumage, and was determined to be a Horned Grebe by Mark Robbins and Brady after a study of skins at the ANS in Phila. The Common Teal ssp. of Green-winged Teal continued to be present at Peace Valley until 2/22 (Ken Kitson *et al.*). 4 Oldsquaw at PVP 3/28 (Ron French *et al.*) and 1000+ C. Merganser at Core Creek Park 3/22 (Gerry Dewaghe). An Osprey at New Hope 1/28 was remarkably early (Bill Hoehne). A pair of Peregrine Falcon were noted on the Turnpike bridge 3/27 (Dewaghe). An Iceland Gull was at Tullytown 2/5 (Alan Brady).

A Yellow-bellied Sapsucker at Chalfont 1/17 was the lone report. Horned Lark in Dublin had increased to 200+ by quarter's end. 21 Am. Pipit at Chalfont 1/6 (Ron French). Pine Warbler at both New Hope (Dee Dee Bowman) and Buckingham Twp 2/28 (Kathy Wannemacher). 1 Lapland Longspur, sometimes a σ , sometimes a f , was reported at Dublin all quarter until finally 2/13 the pair was together (Steve Farbotnik *et al.*).

BUTLER: Persistently southerly storm systems from mid-Feb. through the 3/12-13 blizzard delayed the influx of all wintering birds from southern U.S. that usually arrive then. The following were 2-4 weeks late: Red-shouldered Hawk, Killdeer, Am. Woodcock, E. Phoebe, Am. Robin, Rufous-sided Towhee, Field Sparrow, Red-winged Blackbird, C. Grackle, Brown-headed Cowbird, and E. Meadowlark. The only exception to the pattern was a 2-week early House Wren at Butler 3/30 (Marguerite Geibel).

Incubation was well under way for Glades SGL's nesting Bald Eagle pair when the blizzard struck. The f rode out the full storm on the nest, and an undetermined number of young hatched in early Apr (Ned Weston).

Up to 3 Long-eared Owl 2/22-3/21 and 1 N. Saw-whet Owl 2/15-3/24 at MSP (Dave Darney, Eric Hall, Chuck Tague) were rare for us. A few must winter here regularly, but they are seldom sought-out methodically as Darney did.

Carolina Wren survived the blizzard and subsequent long period of deep snow and cold surprisingly well. Many observers reported local birds still present afterward.

CLARION: A Red-tailed Hawk in courtship flight, locking talons, etc., observed 1/31 at Curllsville (Walt Fye). A Great Horned Owl pair built a nest in Fye's woods; rather a flimsy nest $\pm 40'$ up in the crotch of a

White Oak tree. As of 3/31 the 1 nestling was in brown plumage and quite large. Two Long-eared Owl were at the winter roost on Dunlap Rd. 3/21 (W. and Annabelle Fye). Short-eared Owl were seen at 3 locations all quarter.

I observed a Pileated Woodpecker 3/7 eating frozen apples still hanging on a tree in SGL 63. Either a very late or very early Hermit Thrush was eating crumbs from a suet/peanut butter mixture and grains of corn at my Shippenville feeder.

CLINTON: Double-crested Cormorant: we have only 1 other winter record since we have been here (26 years), that of a flock of 194 migrating s. over Lock Haven on the 12/30/89 CBC. This current record was of a bird on the river, not in flight.

Canvasback are uncommon here. The flock of 9 seen 3/22 was the most since a flock of 130 at McElhattan 4/9/79. The only other record between these two dates was of 1 bird at McElhattan 1/15/81 and a single bird at S. Avis in late Dec. 1991 into early Jan. 1992. Redhead is also rare here, so the up to 20 individuals in Mar. exceeded all other records except for the 100+ at McElhattan 3/22/72. Also unusual was the fact that the birds were present from 3/16-20 this year. Our only other records are 1 at Lock Haven 3/29/89; and less than 12 birds at McElhattan, fall of 1972.

CUMBERLAND: A f Blue-winged Teal overwintered at W. Fairview. The man, Don Ohler, who feeds the geese said it came every day for handouts!

DAUPHIN: E. Phoebe and Yellow-rumped Warbler were still seen into end-Jan. and a Gray Catbird remained to "late Feb." (Nancy Cladel & Richard Williams).

Long-eared Owls remained at a pine roost all quarter.

ELK: Dave Wolfe writes, "My uncle, Jim Popson, has a feeder close to his carport. Two or three mornings for two or three weeks in Jan. and Feb., between 8 and 9 a.m., an imm. Sharp-shinned Hawk would fly up under the carport roof, land in the rafters, patiently wait until the bird population would build up somewhat and THEN—swoop down and snatch himself a "snack." Talk about fast food!!"

Two doe, one badly crippled, were hanging out in our neighborhood all winter eating birdseed and shrubs. One afternoon the deer were in my yard eating seed when the Ring-necked Pheasant "Herky" came for his dinner. Herky came strutting up to the feed and the deer turned and started stamping its feet. They both held their ground until the deer started moving toward the pheasant. Then the pheasant ran. The deer continued to eat, but Herky tried twice more to get to the seed. Each time he was chased. He was so upset he just ran up and down and up and down. It was most funny to watch. At one point he stood and just stared at the deer. Finally he left and the deer continued eating. I still occasionally see the deer, but Herky disappeared in March. (Linda Christenson)

ERIE: This was the worst winter for gulls and waterfowl since at least 1977. This trend continued through March, with no "white-winged" gull reported.

This may be a record for March! The ice on Presque Isle Bay never left until 4/12! There were a few good birds reported, however, which helped us survive during this dull period.

FRANKLIN: Charlie Brightbill had 13 spp. of raptors (129 individuals) on 3/31 at Tuscarora Summit (a.k.a. "The Pulpit"). This was an incredible flight for the spring.

Black Vulture	1
Osprey	2
Northern Harrier	3
Sharp-shinned Hawk	15
Cooper's Hawk	2
Northern Goshawk	2
Red-shouldered Hawk	2
Broad-winged Hawk	4
Red-tailed Hawk	91
Golden Eagle	1
American Kestrel	3
Merlin	1
Peregrine Falcon	1
Unidentified	1

HUNTINGDON: L. Raystown and Stone Valley L. were frozen through most of March, resulting in delays in waterfowl migration and fewer than usual species reported. Seven ad. and 1 imm. **Bald Eagle** were found on the annual winter survey of L. Raystown. A **Golden Eagle** was shot and killed by an unknown person near Shade Gap 2/24.

Numbers of wintering **Am. Tree** and **White-throated** sparrows were the highest in several years. A single **White-crowned Sparrow** was seen 1/6 (Greg Grove).

LANCASTER: This year **Snow Geese** once again visited, and once again they brought **Ross' Geese** with them. The first large grouping of Snow Geese was 10,000 (95% white phase) at the Muddy Run Pumped Storage Area 3/11. On 3/19 a flock of 3,500–4000 Snow Geese was seen nr. Muddy Run. This particular flock had about 2000 white phase and a record number of 1600 blue phase. However, there was no Ross' Goose reported until 3/26 when one was seen at Middlecreek WMA with about 1500 Snow Geese. In between these sightings up to 2000 Snow Geese were seen nr Mount Joy as well as several thousand near Washington Boro.

There was a significant fallout of birds on the Susquehanna R., but a separate article will be written up for next issue.

This was a second winter that a ♀ **Peregrine Falcon** was using the Greist Building in Lancaster as a roosting area. A nest box put up in mid-Feb. did not convince her to set up housekeeping, since the bird left about a week later.

Three ad. **Bald Eagles** flying over the Cornwall Fire Tower 3/26 were slightly unusual at that location. **Ls. Black-backed Gull** were widespread. The first was at Safe Harbor Dam 1/16 (Randy Miller). Another at Octoraro L. in late Jan. (J. Heller, Randy Miller), and another was in a field nr Rheems 2/2,12 (J. Heller). However, the most unusual sighting was one at Middlecreek WMA 2/14 (R. Miller) for a first record at that location.

LAWRENCE: The **Great Blue Heron** heronry on Reese Rd. in Plain Grove may have as many as 50 nests; 24 active nests were counted from the road. The dirt road going up to the heronry has been closed to motor vehicles for some kind of mining going on close to the site. Ray

Bales is checking out the situation and will report back. A few years ago 10 or 11 nests on Reese Rd. were active, then that area was abandoned. This new heronry was first reported in 1991.

N. Mockingbird is uncommon here. Hardcore birders may find only 3 or 4 in an entire year. Since the 1940s we have only 1 confirmed breeding record, in Ellwood City area. So the 1 that came to my yard in Oct. and stayed eating poke and holly berries until 1/17 was very unusual.

Our **Short-eared Owls**, which arrived in Oct. at Volant strip mines (Nancy Rodgers), built in numbers up to 10 again this year, but none appeared in Bessemer. The Volant birds were heard barking and seen playing with the N. Harriers.

LEBANON: The "thousands" of **Tundra Swan** near Myerstown were possibly moving north, as Myerstown is north of the fields where these birds normally feed. If so, 1/31 would be very early.

Several **Ruby-crowned Kinglet** reports were received from a variety of locations, even in mid/late Feb. Most years the species is probably not of regular occurrence here in winter, but this year is a notable exception.

LYCOMING: I had 15 **Purple Finch** at my feeding station during the blizzard, in which 15–20" of snow fell accompanied by 40–50 mph winds.

MERCER: The **Redhead** observations were noteworthy, since they have been almost unreported for ±5 years. A pair of **Red-shouldered Hawk** arrived at Hermitage a week late; the ♀ was not seen after 3/13 and may have succumbed to the blizzard.

A gray **E. Screech-Owl** irregularly roosted in a Wood Duck box 1/2–2/26, and a **Downy Woodpecker** regularly roosted in a bluebird box 1/1–3/20. The partial albino **Hairy Woodpecker** of last quarter continues at Hermitage. The blizzard was surely responsible for **E. Phoebe's** 10-day late arrival and was possibly responsible for the **Pine Warbler** (seldom recorded here) at a suet feeder in Hermitage 3/24.

MONTOUR: A ♂ **Wood Duck** was found dead on pavement in Danville near the Susquehanna R. 3/17 (Chris Smull). Storm related?

NORTHAMPTON: Two "white" **Red-tailed Hawk**, 1 at Albert Rd. ponds and 1 at Snow Hill Rd., were seen all quarter.

NORTHUMBERLAND: **Great Black-backed Gull** were seen nearly every week on the Susquehanna R. near Riverside. They would ride the ice floes down from the Danville-Riverside bridge and harass C. Mergansers for food.

The area along the river w. of Riverside appears to be a winter staging area for **Fish Crow**. As high as 40 noted all quarter foraging in fields along the river.

PHILADELPHIA: Due to my illness, no solicitations were circulated for data. Hence our report consists chiefly of data collected on the 7th Phila. mid-winter census held 1/17. Species count was 89 with 31,040 individuals found by 57 observers (46 in the field, 11 at feeders). New for the count were **N. Bobwhite**, **N. Saw-whet Owl**, **Pine Warbler**, and **Palm Warbler**. New highs were found for **Great Cormorant**, **Great Blue Heron**, **Mute Swan**, **C. Goldeneye**, **Rock Dove**, **Mourning Dove**, **E. Screech-Owl**, **Great Horned Owl**,

Downy Woodpecker, Hairy Woodpecker, White-breasted Nuthatch, Carolina Wren, Winter Wren, Ruby-crowned Kinglet, Eur. Starling, N. Cardinal, Field Sparrow, Savannah Sparrow, White-throated Sparrow, Dark-eyed Junco, and E. Meadowlark. Census lows were noted for Bufflehead, Ruddy Duck, and Ring-necked Pheasant.

TIOGA: A Bald Eagle was on nest in Grand Canyon before the blizzard hit (Chuck Dillon).

An Am. Tree Sparrow was feeding on suet, 15°F., 3/17. A flock of 35 Red-winged Blackbird were flying south, 5°F., 3/15 (Bob Ross).

WARREN: Herring Gulls have outnumbered Ring-billed Gulls since Jan.—just the opposite of the usual. On 2/5, a sample of the population showed 180 Herring and 16 Ring-billed in Warren.

There were only three previous records for Great Black-backed Gull in the Co., all single observations, dating back to 2/9/1895. A Great Black-backed Gull was seen on the Allegheny R. in Warren 2/3 and 4 (Grisez and Dan Doherty), and later one ad. and a 3rd-year bird on Conewango Cr. in Warren and near Russell, respectively. On 3/2 there were still (or again) two on the Conewango nr. Russell.

WYOMING: Purple Finch were present in abnormally large numbers at my feeders during and after the blizzard (3/13–18); I had 25 (5 ♂) at my feeder (G. Klebauskas).

YORK: The imm. Double-crested Cormorant 2/3–8 was only our 2nd winter record. The "blue" Snow Goose at Long Arm Dam since May '92 was joined by a White-fronted Goose hybrid. The head, bill, face, back and feet corresponding to any adult, but breast and belly contained no black streaking except along each side. There was some ice on the lake and wherever one went the other followed, even on ice and open water.

There was also a Dec. record, accounting for 3 different sightings of the C. Yellowthroat in Jan.

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- MONTGOMERY:** Gary L. Freed, 1132 Walters Rd, Pennsburg 18073 (215-679-8536), Kevin Crilley, George Franchois, Ron Grubb, Bill & Naomi Murphy, Larry Rhoads, John Tilley.
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- SOMERSET:** Tony Marich, Ray Gnagey.
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- YORK:** Al Spiess, 4086 Old Orchard Rd, York 17402 (717-755-8309), Carl Garner, Julia Contino, Anna Curtain, Dan & Lori Heathcote, Frances Howard, Candy & Perry Krenzer, David Kubitsky, Karen Lippy, Ann Pettigrew, John & Jean Prescott, Peter & Vicky Robinson, Russ Ryan, Jeff Wentz.

County Reports - January through March 1993

How to read the tables

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

Ruffed Grouse(not present in Delaware, Philadelphia), **Ring-necked Pheasant** (not present in Cameron), **Wild Turkey** (not present in Delaware), **Rock Dove**, **Mourning Dove**, **Eastern Screech Owl**, **Great Horned Owl**, **Belted Kingfisher**, **Red-bellied Woodpecker**, **Downy Woodpecker**, **Hairy Woodpecker**, **Pileated Woodpecker**, **Blue Jay**, **Common Crow**, **Tufted Titmouse**, **White-breasted Nuthatch**, **Carolina Wren**, **Eastern Bluebird**, **Northern Mockingbird**, **Cedar Waxwing**, **European Starling**, **Northern Cardinal**, **Song Sparrow**, **House Finch**, **American Goldfinch**, **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. Any comments on the above species can be found in either the *Summary of the Season* or in *Notes from the Field*.

All other reported species can be

found in the *Rare and Unusual Birds* section.

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.

B = Breeds. This species breeds in this county (only listed during breeding season).

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.

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.

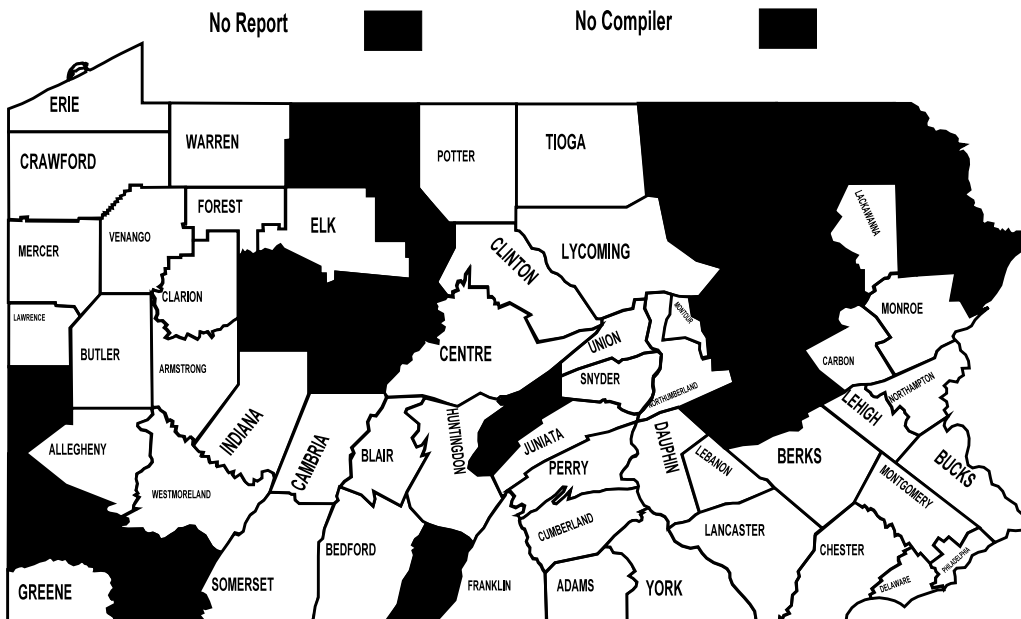
EXAMPLES:

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.

COUNTIES REPORTING - JANUARY to MARCH 1993



COUNTY REPORTS - JANUARY THROUGH MARCH 1993

	ADAMS	ALLEGHENY	ARMSTRONG	BEDFORD	BERKS	BLAIR	BUCKS	BUTLER	CAMBRIA	CARBON	CENTRE	CHESTER	CLARION
CORMORANT, DOUBLE-CRESTED							3/21						
HERON, GREAT BLUE	P	1/6(2)-3/27	1/7(3)	A	A	3/11(80)-	A	A		P	A	A	
SWAN, TUNDRA	3/12-3/14(450)	1/1(30)	-3/8(100)		-3/30(12)		1/31-3/22(3)	-3/5(1500)-25			3/4-	A-3/23(110)	3/8(200+)-
DUCK, WOOD	3/12(3)		3/3(2)-		1/10-		3/3(32)-	1/2-3/25(4)-			P-MAR	3/5(8)-	
TEAL, GREEN-WINGED			3/25(2)		2/3(10)-		1/21-2/22	3/25(2)			A	JAN-3/8(25+)-	3/15(4)-
DUCK, AMERICAN BLACK	P	A-1/11(31)	1/2-2/27(16)-		A	1/1(7)	1/1-3/21			P	A	A-2/3(23)	
SHOVELER, NORTHERN					3/9-27		3/3(2)	P-JAN(2)				3/8(4)-9	
GADWALL		3/17			A		1/17-3/28			P		P-JAN	
WIGEON, AMERICAN			3/22-		A			3/30(2)-				JAN-3/8(36)-	3/12
SCALP, GREATER			3/3-21(5)	3/29	3/27		3/20				3/10	3/23(6+)	
LESSER	1/6-3/1		3/30(75)		2/7-3/22(8)-24		-3/28(5)	3/25(65)-			3/10(2)	2/11-3/11(8)-	3/21
OLDSQUAW							3/28(4)					3/29(4)	3/21(49)
COMMON			2/6-28(16)-3/22		A-1/10(1560)		1/5-3/22(1000+)-	1/10(2)		P	A	A-3/7(225)	3/21(8)-
RED-BREASTED			3/7-30(64)-	3/28-29(69)	1/3-3/30(8)-		1/2-3/28	3/25(84)-			3/31	1/6-3/21(8)-30	
DUCK, RUDDY							1/24-3/28	3/25				A-3/25(4)	3/12-21
EAGLE, BALD			1/29	P--3/13	1/10-24-3/22		1/1	1/8(2)-		1/10(3)	1/3(3)-MAR	1/2/-28	
HARRIER, NORTHERN					A	R	1/29-3/15					A-3/25(2)	1/10(3)-
HAWK, SHARP-SHINNED	3/4-10	3/7	R	2/8	A	R	1/1-2/22			R	A	A	R
RED-TAILED													
ROUGH-LEGGED	R	A	R	A	R	R	R	R	R	R	R	R	R
KESTREL, AMERICAN	R	2/11	R	R	-3/27	R	R	R	2/11-27	R	R	R	2/20(2)-3/7
KILLDEER	P	3/21-	3/7-	2/25-	K	3/7-	A	3/9L-21(8)-		K	A	1/24-	3/24-
SNIPE, COMMON					P	A	3/21	1/2				A	
WOODCOCK, AMERICAN		3/29*	3/7-		2/8E-		3/25-	3/26L-					3/26(8)-
GREAT BLACK-BACKED					-3/7(15H)-30		-3/7					1/26-3/7(7)-19	
OWL, BARN	R		R	R	R	R	R	R			R		R
BARRED													
WOODPECKER, RED-HEADED	R(9)		R	R	R	R							

COUNTY REPORTS - JANUARY THROUGH MARCH 1993

	CLINTON	CRAWFORD	CUMBERLAND	DAUPHIN	DELAWARE	ELK	ERIE	FOREST	FRANKLIN	GREENE	HUNTINGDON	INDIANA
GADWALL		1/30(3)	A	1/17-3/30(20)-30			A		3/31(2)			1/5-19(3)
WIGEON, AMERICAN		3/21-27(10)	A	3/7-31			JAN/MAR		3/31(2)			3/9-29(18)-
CANVASBACK	3/16-22(9H)	A-3/26(8)	1/2-3/22(40)	1/9-3/19			A					
LESSER	3/21(12)	1/2-3/21(40)-28	3/9-22(250+)	3/7-			A		3/31			3/30-31(7)-
OLDSQUAW	3/21	3/21	3/22(19)				A					3/31(11)
GOLDENEYE, COMMON	A-1/13(6)	-3/20(30)-27	A	1/30(12)-3/28	-3/31(35)		A		1/3-3/22(9)			1/12-3/27
RED-BREASTED	3/23-25(4)	-1/9(25)-3/28	3/21-24(10)	3/7-28			A	3/8	3/22(6)			1/12-3/30(26)-
DUCK, RUDDY	1/2	1/2	3/21(3)	-2/5	3/5		A					
VULTURE, BLACK			1/17(2)	2/28(2)	1/30-2/9(9)-27		3/30*		2/27(2)		R	
HARRIER, NORTHERN		2/26	A	2/14-3/28		1/7	MAR-	3/27	3/31(3)			1/21
HAWK, SHARP-SHINNED	A	1/8	R	2/28	A	R	MAR-	3/3	R-3/31(15)	P		R
COOPER'S	A	1/30	R	1/18-3/11	A	R	A	1/31	R	R		R
ROUGH-LEGGED		2/14(2)-3/27	R	R	R		A	A	1/10(2)			3/9
KESTREL, AMERICAN	R	A					A	3/27	R	R		R
FALCON, PEREGRINE							3/31		3/31			
SNIPE, COMMON	3/25			3/15								3/9(2)-
WOODCOCK, AMERICAN			3/26(3)-	3/25-	1/13(4)		MAR-	3/30(4)	3/8	P		3/19-30(4)-
GULL, RING-BILLED	1/26-3/25(22)-	A-3/21(275)	A	A	A	3/25	A	A-1/27(10)	A	A		1/19-3/31(86)-
OWL, BARN			R	R	R		R		R			
BARRED	R	2/6	R	R		R	R		R	R		R
LONG-EARED			3/10(2)	A*1/17(6)			1/2-3/30					
SAPSUCKER, YELLOW-BELLIED			A	2/28	A					1/14		
FLICKER, NORTHERN			A	A	A			1/31	A	A		3/20
PHOEBE, EASTERN	3/30-		3/21-	1/30L, 3/25-	3/20-	3/31-	2/13-17	3/29	3/31	3/26		3/26(7)-
RAVEN, COMMON	R		R	R	R	R	R	R	R			1/8-3/14
CHICKADEE, BLACK-CAPPED	R	R	R	R	2/13	R	R	R	R	R		R
CAROLINA			R	R	R		R		R			

COUNTY REPORTS - JANUARY THROUGH MARCH 1993

	JUNIATA	LACKAWANNA	LANCASTER	LAWRENCE	LEBANON	LEHIGH	LYCOMING	MERCER	MONROE	MONTGOMERY	MONTOUR	NORTHAMPTON
RED-BREASTED DUCK, RUDDY VULTURE, BLACK	3/21		3/25-29(100+)- 3/26 A		R		3/23-25	3/9-31(100+)		3/28(2) R-2/4(41)		3/27(5)
HARRIER, NORTHERN HAWK, SHARP-SHINNED COOPER'S	A R R	3/14 2/8	2/17- A A	A-1/30(3) A A	P P R R	1/18-2/1 R R	2/6	3/16- 1/28-3/4 1/10-3/24(2)-		1/9-3/26(3) A A	1/21(2)-2/20 2/1	
ROUGH-LEGGED KESTREL, AMERICAN FALCON, PEREGRINE	2/20 R		-3/6(4)-16 A -2/28	2/9 A	P A	2/16-26 R	1/9-2/6 R	A		R		2/19 A
SNIPE, COMMON WOODCOCK, AMERICAN GULL, RING-BILLED	A	3/30	A 3/26L- A	A-2/13(2) 1/3-17(200+)-2/13	P P	3/7- A-1/25(400+)	3/27L- 1/18-2/6	3/31 3/28 A	1/25 3/27- A	3/27 A	3/8(125)1/1(400)	2/28(2)
OWL, BARN BARRED LONG-EARED	R R		R R -2/27(3)-3/12		R R	R	R	R		R R		
SAPSUCKER, YELLOW-BELLIED FLICKER, NORTHERN PHOEBE, EASTERN	A 3/31		A A 1/2,3/27-	-2/13	P A	P A	3/30- R	A 3/27L- A	3/27- A	A-1/10(3) A -2/27	2/5	
RAVEN, COMMON CHICKADEE, BLACK-CAPPED CAROLINA	R R	R	A R	R R	R R	R R	R	R R	R R	R R	R R	R
KINGLET, GOLDEN-CROWNED RUBY-CROWNED THRUSH, HERMIT	A 2/13-3/14		A A 1/2	1/9	A A	A P 2/4	1/21- R	1/21- A	3/14	A A 1/2-3/5	1/16-2/14	
WARBLER, YELLOW-RUMPED PINE TOWHEE, RUFOUS-SIDED			A A	3/31	A	2/13	1/14	3/24 3/31-		A	2/5(5)	

COUNTY REPORTS - JANUARY THROUGH MARCH 1993

NORTHUMBERLAND YORK PHILADELPHIA POTTER SNYDER SOMERSET TIOGA UNION VENANGO W A R R E N

KESTREL, AMERICAN	A	R	1/17(32)	A	2/9-	R	R	R-3/2(7)	R	2/10
FALCON, PERRINE	R		1/17(3)		1/8				R	
BOBWITE, NORTHERN										
WOODCOCK, AMERICAN	1/17	3/28-	3/20-	3/27L-	3/21-	B			3/16-	
GULL, RING-BILLED	A	A	3/30(1800)	1/3(92)	A	A		2/11-14(30)-	A	
HERRING	A	A	3/30	1/3	1/17-2/14	A		3/29	A	
SHORT-EARED										
NORTHERN SAW-WHET	1/17	1/29		3/30	A		3/25-26(2)	1/23	3/22	R
WOODPECKER, RED-HEADED										
LARK, HORNED	R-3/17(18)	A	2/1-3/20	A-3/5(250+)	R		2/14(70)	2/14(60)-	A-3/14(6)	
SWALLOW, TREE	3/18(20)-	3/30(2)-			3/31(24)			3/28(3)-	3/29-	R
CROW, FISH	A	R	1/17(26)							
NUTHATCH, RED-BREADED										
CREEPER, BROWN	A	A	1/17(4)		R			A	A	
WREN, WINTER	A	R	1/17(32)	1/25-3/15				R	A	
	A	A	1/17(18)						A	
KOBIN, AMERICAN	-1/9, 3/10-	A	R-1/1(855)		1/16, 3/26-			K	K	
CATBIRD, GRAY	1/17	3/19-	3/19-						*1/16	
WARBLER, YELLOW-RUMPED	1/17(13)	A	1/17(13)					A	A	
FIELD										
SAVANNAH	A	A	1/17(118)					R	A-2/28(9)	
FOX	1/17(6)		1/17(2)		3/26L-			3/31	2/5	
	1/17(2)								A	
JUNCO, DARK-EYED	A-3/31(18)	A	1/17(953)		A-2/16(14)			R	A	
LONGSPUR, LAPLAND			1/17(12)		3/16(4)					
BUNTING, SNOW			1/17(12)							
GRACKLE, COMMON	3/5(50)-		1/17(4)		1/1L, 3/10L-			2/19	3/17(12)-	R
COWBIRD, BROWN-HEADED	3/5(15)-		1/17(37)		2/15-			3/18-	R	R
FINCH, PURPLE		A			R			R	R	

...continued from page 15

COUNTY ANNUAL LISTS (TOP 50)

1	264	Erie	Sam Stull	1979
2	256	Erie	Gerald McWilliams	1992
3	252	Erie	Gerald McWilliams	1991
4	251	Erie	Gerald McWilliams	1983
4	251	Erie	Gerald McWilliams	1988
6	249	Lancaster	Jonathan Heller	1992
7	248	Erie	Gerald McWilliams	1989
8	245	Butler	Gene Wilhelm	1983
9	244	Erie	Gerald McWilliams	1985
10	243	Erie	Gerald McWilliams	1979
10	243	Erie	Gerald McWilliams	1981
12	242	Erie	Gerald McWilliams	1984
13	241	Delaware	John Miller	1969
14	238	Erie	Gerald McWilliams	1990
15	236	Lancaster	Randy Miller	1991
16	234	Erie	Gerald McWilliams	1980
16	234	Erie	Gerald McWilliams	1982
16	234	Erie	Gerald McWilliams	1987
16	234	Erie	Ed Kwater	1989
16	234	Lancaster	Jonathan Heller	1991
16	234	Lancaster	Randy Miller	1992
22	232	Erie	Ed Kwater	1992
23	230	Erie	Gerald McWilliams	1986
23	230	Erie	Deuane Hoffman	1991
25	229	Butler	Gene Wilhelm	1985
26	227	Cumberland	Deuane Hoffman	1989
26	227	Erie	Ed Kwater	1991
28	225	Butler	Gene Wilhelm	1982
28	225	Chester	Larry Lewis	1988
28	225	Cumberland	Deuane Hoffman	1992
28	225	Philadelphia	John Miller	1965
32	224	Bucks	Steve Farbotnik	1992
32	224	Butler	Gene Wilhelm	1981
32	224	Centre	Terence Schiefer	1985
35	221	Chester	Larry Lewis	1983
35	221	Cumberland	Deuane Hoffman	1986
35	221	Erie	Linda McWilliams	1986
38	219	Chester	Larry Lewis	1986
38	219	Erie	Linda McWilliams	1987
40	218	Butler	Gene Wilhelm	1984
40	218	Erie	Gerald McWilliams	1978
40	218	Erie	Ed Kwater	1990
43	217	Butler	Gene Wilhelm	1980
44	216	Chester	Larry Lewis	1984
45	215	Butler	Gene Wilhelm	1979
45	215	Butler	Gene Wilhelm	1992
45	215	Chester	Larry Lewis	1982
45	215	Erie	Linda McWilliams	1988
49	214	Centre	Terence Schiefer	1986
49	214	Chester	Larry Lewis	1987
49	214	Cumberland	Don Henise	1991
49	214	Lancaster	Randy Miller	1990

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