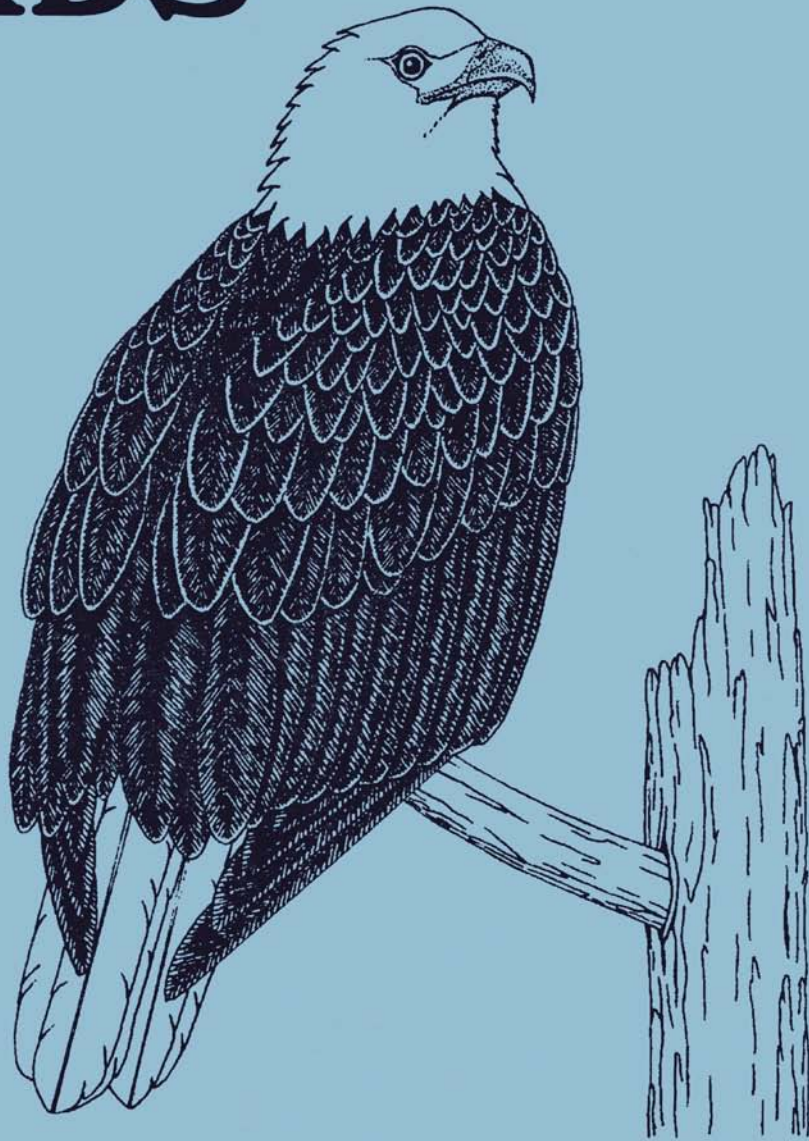


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ILLUSTRATIONS:

COVER: **Bald Eagle** by *Randy Miller*

from the Editors...

PSO MEETING

We just got back from the Annual PSO Meeting at Slippery Rock. As usual, the meeting was a terrific success. Good birds, good programs, and good people!

Although the Sandhill Cranes did not cooperate (they were apparently on the nest), we did see lots of grassland and wetland birds. Margaret Higbee will have a full report in the PSO Newsletter.

NEW CHECKLISTS AND BINDERS

Some of you may not have noticed the ad inside the back cover of our last issue. Since the AOU has finally published their latest supplement to their checklist, we have been able to go to press with our new Field Checklist for Pennsylvania's birds. The new list now includes ALL species accepted on the state list (as of March 1996) and highlights those species which need to be documented (you no longer have to pull out your old copies of PA BIRDS to find out what needs to be documented).

We also are now offering three-ring binders for storing your checklists. We have found in the past that trying to find a binder this size in your local office supply store is next to impossible. Therefore, we had binders special ordered to meet this need. See the advertisement elsewhere in this issue for prices.

IMPORTANT BIRD AREAS

Pennsylvania has been selected as the pilot program to initiate the Important Birds Areas (IBA) project in the United States. The Ornithological Technical Committee of the Pennsylvania Biological Survey has agreed to act as the selection committee to review the nominations.

As a subscriber to PA BIRDS, you should have received a package from IBA with instructions on how to submit a nomination. We hope you looked this material over and considered sending in nominations of local areas of note.

Do not assume someone else is doing it. We would rather have one area nominated multiple times, than to miss it entirely.

WHY IBA?

Establishing areas as IBAs will lend additional support for their protection and conservation. Although many of Pennsylvania's most important bird areas are already under some sort of public ownership, that does not guarantee that they will be managed for the birds using them.

The IBA process will help to document the importance of these areas to the state's avifauna.

A case in point of immediate interest is the Conejohela Flats — a series of islands in the Susquehanna River in Lancaster County. These flats serve as important resting and feeding grounds for migratory shorebirds in spring and fall.

However, these flats are at the mercy of the Safe Harbor Dam just downstream. The raising and

lowering of this dam exposes or inundates the flats.

Now, the Philadelphia Electric Company is proposing a raising of the current water level on a permanent basis. This will inundate the flats, making them useless during migration.

The Lancaster County Bird Club has been documenting the migration at this site for many years, and this documentation is being used to fight the proposal. The outcome of this battle is yet to be determined, but good documentation will be an important part of the argument.

It is this kind of documentation that needs to be done all over the state.

SPECIAL AREAS PROJECT

PSO's Special Areas Project (SAP) feeds directly into the IBA. The SAP monitors the birdlife in an area (State Parks, Game Lands, Forests) in order to accumulate as complete an inventory as possible. A number of our SAPs have been nominated as IBAs and will have good documentation to go with the nomination.

If you would like to participate in the SAP, contact Doug Gross at RR1 Box 147, Orangeville, PA 17859, 717-458-4564. ✪

*Barb & Frank Haas
Chief Editors*

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Weather and the Distribution of Birds: Evidence from *Pennsylvania Birds* by Ted Floyd

INTRODUCTION

Any ornithologist will tell you that habitat quality is a prime determinant of avian distribution and abundance. The evidence for this point of view is plainly evident to anyone with even a passing interest in ornithology — most birds require specialized habitats that provide them with nest sites, feeding grounds, and protection from predators. All it takes is a visit to the Conejohela Flats or Gull Point to be reminded of the obvious importance of habitat quality for Pennsylvania's bird communities. The idea that bird populations are limited by resources, such as breeding and feeding habitats, is an old one and dates back at least to David Lack's pioneering and influential 1954 book entitled *The Natural Regulation of Animal Numbers*.

In the same year that Lack's book appeared in print, another landmark volume in animal ecology was published by a pair of Australian biologists, Herbert Andrewartha and Charles Birch. Their book, called *The Distribution and Abundance of Animals*, concerned itself with the same topic as Lack's, but it arrived at a very different conclusion. According to Andrewartha and Birch, resource limitation is relatively unimportant. Instead, weather is of the utmost importance in determining the distribution and abundance of animals.

Andrewartha and Birch's vision was never really forgotten, but it has been glossed over or sidestepped through the years. Many ornithologists, in their sometimes hasty enthusiasm for study of resource competition in limiting environments, have found it convenient simply to ignore the role of weather and other abiotic factors. In a monumental recent work, *The Ecology of Bird Communities* (1989), John Wiens reminds us to avoid the temptation of endorsing too uncritically the paradigm of

competition for limited resources. The pages of *Pennsylvania Birds*, I have found, are an excellent place to begin to appreciate the extreme importance of weather in the distribution and abundance of birds.

THE EFFECTS OF WEATHER ON BIRD POPULATIONS

1. **Migrating Birds.** The influence of weather on bird migration is familiar to anybody who has planned a spring or autumn outing in Pennsylvania. If rain is in the forecast, we head to Presque Isle for shorebird fallouts. If the winds are right, we stream to Hawk Mountain for raptors.

Migrants in passage often are forced down in stormy weather. Dramatic examples from southeastern Pennsylvania are described by Wiltraut (1989), Schutsky (1990), and Heller (1993). All three cases involved large numbers of migrant aquatic species that put down onto large bodies of water. But comparatively minuscule bodies of water can play host to high concentrations of aquatic species, if weather conditions are severe (Feldstein 1995). In fact, storm-deposited birds may occur far from any body of water, as was the case in the statewide fallout of Black-capped Petrels (*Pterodroma hasitata*) that accompanied the remains of Hurricane Hugo (States 1989).

Storm-related fallouts are especially spectacular, but there are other important — although perhaps less obvious — effects of weather on the distribution and abundance of migrating birds. For instance, the overall schedule of migration can be influenced by weather. Hess (1995) suggests that a ten-day standstill in a recent spring passerine flight was weather-induced. Moreover, the numbers of birds that are recorded during migration may reflect simple meteorological phenomena, despite

our regrettable tendency to seek out less mundane-seeming causes (Hess 1993). Certainly, year-to-year variation in the North American Migration Count (NAMC) is influenced heavily by the weather. In some years, inclement weather can reduce visibility (Ilf 1992). In other years, fair weather can be favorable for birders but unfavorable for finding birds (Ilf 1993).

2. **Wintering Birds.** It doesn't require much imagination to link Pennsylvania's variable winter weather to fluctuations in bird populations. Obviously, Christmas Bird Count (CBC) data must be interpreted in the light of count-day and count-period weather (Gregory 1994). If the winter has been mild, we scour hedgerows and thickets for lingering phoebes and catbirds. If winter has come early, we scan for owls and gulls from the Arctic. As it turns out, several lines of evidence from *Pennsylvania Birds* point to the potential role of weather in the distribution and abundance of the commonwealth's wintertime avifauna.

After the harsh winters of mid-1970s Carolina Wren (*Thryothorus ludovicianus*) populations in Pittsburgh fell by more than 90%, and this decline was fully consistent with the species' known susceptibility to snow and cold (summarized by Hess 1989a). Populations in Pittsburgh and elsewhere across Pennsylvania recovered slowly for nearly two decades of above-average warmth and below-normal snowfall. Then came the memorable winter of 1993-1994, with its record-low temperatures and record-high snowfalls. Sure enough, Carolina Wren populations plummeted again — this time by nearly 70% statewide (Gregory 1994).

Another consequence of the harsh conditions during the winter of 1993-1994 was a late-winter incursion of Red-necked Grebes

(*Podiceps grisegena*) (Pulcinella 1995). The birds were forced from the Great Lakes during a mid-winter freeze, and they relocated to whatever open water they could find in Pennsylvania and neighboring states. More than 150 Red-necked Grebes were reported from at least 23 Pennsylvania counties during February and March of 1994. For comparison, 2 birds were reported from 2 counties during the milder winter of 1995.

3. Breeding Birds.

Summertime temperatures in Pennsylvania are less variable than during the winter, but patterns of precipitation fluctuate greatly from summer to summer. Anyone who's ever run a Breeding Bird Survey (BBS) route can attest to the negative correlation between count-day precipitation and the apparent abundance of breeding birds. But is there a real effect of precipitation — or the lack thereof — on breeding bird densities in Pennsylvania? Once again, we turn to the pages of *Pennsylvania Birds* for evidence.

A prolonged drought during the summer of 1988 caused many birders to speculate about the effects of the dry weather on nesting birds. Many species may have been negatively affected, but the Dickcissel (*Spiza americana*) staged an impressive invasion in western Pennsylvania during the summer of 1988 (Mulvihill 1988). At least 88 birds were found, and a half-dozen pairs are known to have nested. Interestingly, the invasion didn't get underway in earnest until mid-June. This late date suggested a facultative eastward migration of Dickcissels displaced from their midwestern breeding grounds, where the drought was especially severe.

SPATIAL SCALE

If you've ever visited Presque Isle in the wintertime, then you're probably aware of the localized "Lake Effect" that can create blizzard conditions in and around Erie County. Meanwhile, it can be mild and sunny back in Pittsburgh or wherever you came from. Weather

conditions — and weather-induced ornithological phenomena — rarely are uniformly distributed across the commonwealth.

Often the effects of weather are particularly strong in one region or another. Most of the Black-capped Petrels were recorded in the western portion of the commonwealth (States 1989), for the simple reason that Hurricane Hugo's remnants tracked through western Pennsylvania. The Dickcissel invasion was noted statewide, but it was concentrated primarily in three southwestern counties (Mulvihill 1988). Carolina Wrens occur throughout Pennsylvania, but their densities appear to vary with minimum winter temperatures (Hess 1989a).

The effects of weather can be patchily distributed within any particular region or across the entire commonwealth. You won't find large concentrations of southbound raptors in the broad valleys of central Pennsylvania; instead, they cling to the ridges where atmospheric conditions are most favorable for sustained flight. During stormy weather, hundreds of grounded waterfowl may drop in at certain lakes, while nearby lakes may appear virtually devoid of bird life. The lesson here is that the impact of weather can be modified by the region's complex topography or just by random chance.

Lastly, it is essential to bear in mind that Pennsylvania's bird life can be influenced by meteorological phenomena beyond the boundaries of the commonwealth. The Dickcissel and Red-necked Grebe invasions are two likely and dramatic examples. But the effects of distant weather patterns can be more subtle. For example, Hess (1995) argues that multiple low-pressure systems in the southern U.S. trapped northbound migrants and delayed their arrival in western Pennsylvania during the spring migration of 1995.

TEMPORAL SCALE

If you really wanted to find a Dickcissel during the summer of 1988, you couldn't have missed the species. They were present for weeks

or months at a time. But if you wish to encounter a large fallout of seabirds on a Pennsylvania lake, you'll need perseverance, good luck, and impeccable timing.

The impact of weather can be fleeting and short-lived, or it can persist for years. At one extreme was the major fallout of Horned Grebes in 1995 that was probably caused by a rapidly moving early-afternoon snowstorm (Feldstein 1995). The storm passed quickly, and the grebes had departed within hours. At the opposite extreme is the case of the Carolina Wren, in which the effects of winter mortality on regional population densities persisted for at least a decade (Hess 1989a). Between these extremes, the effects of weather can be seen over the course of a few weeks (Hess 1995) or a few months (Pulcinella 1995).

The effects of weather on Pennsylvania's birds can range from totally unpredictable to fairly repeatable. The timing of southbound raptor flights along the ridges coincides reasonably closely with regional meteorological phenomena, while seabird fallouts on lakes and ponds seem largely unpredictable (but see Feldstein 1995). Paradoxically, the temporal predictability of a weather-induced change in bird population densities can depend on how you look at it. On the one hand, most of us would predict another crash in Carolina Wren populations following a repeat performance of the winter of 1993-1994. On the other hand, none of us has a clue as to when the next harsh winter will occur.

OTHER FACTORS

There is always the temptation to seek uncomplicated explanations for complex phenomena, but a simplistic either/or approach to the study of Pennsylvania's dynamic avifauna is not likely to be edifying (Hess and Floyd 1994). I have presented evidence for the likely role of weather in determining the distribution and abundance of Pennsylvania's avifauna, but I acknowledge that other factors must be considered.

Frequently it is the case that some non-meteorological phenomenon is of paramount importance to the distribution and abundance of Pennsylvania birds. Certainly, the conventional wisdom that emphasizes the importance of habitat is often proved correct. The summertime distribution and abundance of Swainson's Warbler (*Limnothlypis swainsonii*) (Krueger 1989), Eastern Bluebird (*Sialia sialis*) (Atkinson 1990), Yellow-bellied Flycatcher (*Empidonax flaviventris*) (Gross 1991), and Upland Sandpiper (*Bartramia longicauda*) (Wilhelm 1994) clearly are influenced by local and regional habitat quality.

In many cases, a role for weather is suggested, but the evidence is circumstantial or equivocal. Recent declines in populations of American Tree Sparrow (*Spizella arborea*) that winter in Pennsylvania may, for instance, be due to climate change (Hess 1989b, 1989c). But the period of decline coincided with habitat loss, changing CBC demography, and the arrival of the House Finch. Any factor, or a combination of several, could be at play here.

Then, there are the cases where we just don't know. Red-bellied Woodpecker (*Melanerpes carolinus*) populations in southeastern Pennsylvania dropped by nearly 50% during the winter of 1990-1991, but there was no obvious role of weather — or any other factor — in the decline (Hess 1992a, 1992b). In a review of unusual ornithological phenomena during 1994, Pulcinella (1994) identified widespread invasions of at least five species. Weather was a likely determinant of the Red-necked Grebe invasion, but we'll probably never know what motivated American Avocet (*Recurvirostra americana*), Black Tern (*Chlidonias niger*), Hoary Redpoll (*Carduelis hornemanni*), and Common Redpoll (*C. flammea*) to visit Pennsylvania during 1994.

As *Pennsylvania Birds* begins its tenth year of publication, it is gratifying to contemplate the increase in knowledge and

understanding that is a direct result of the journal's existence. *Pennsylvania Birds* has benefited from the contributions of professional ornithologists in the commonwealth's museums and universities, but many of the articles I have cited were written by knowledgeable and enthusiastic amateurs. Pennsylvania's dynamic bird life will continue to respond, and perhaps adapt, to changing environmental conditions. It is hoped that Pennsylvania's dynamic birder community will continue to document its discoveries and insights in the pages of *Pennsylvania Birds*.

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Table 1. Summary of selected *Pennsylvania Birds* articles on the environmental determinants of the distribution and abundance of birds. Special attention was paid to studies of the effects of weather on bird populations. If weather was a known or potential factor, then I have commented on the temporal and spatial scales at which the phenomenon occurred.

Author	Species Studied	Nature of Impact	Spatial Scale	Temporal Scale
Atkinson (1990)	Eastern Bluebird	not weather-related	—————	—————
Feldstein (1995)	Horned Grebe	snowstorm	a 2.5 acre pond	a few hours
Gross (1991)	Yellow-bellied Flycatcher	not weather-related	—————	—————
Heller (1993)	various water birds	storm and flood	a few miles of river	about one week
Hess (1989a)	Carolina Wren	cold and snow	statewide	at least a decade
Hess (1989b,c)	American Tree Sparrow	possibly cold and snow	statewide	more than a decade
Hess (1992a,b)	Red-bellied Woodpecker	unknown	southeastern Pennsylvania	one winter
Hess (1995)	spring passerines	aberrant jet stream	western Pennsylvania	about two weeks
Hess and Floyd (1994)	neotropical migrants	unknown	statewide	at least two decades
Iliff (1992)	spring migrants	poor visibility	statewide	one day
Iliff (1993)	spring migrants	high pressure	statewide	one day
Krueger (1989)	Swainson's Warbler	not weather-related	—————	—————
Mulvihill (1988)	Dickcissel	drought	western Pennsylvania	mid- to late-summer
Pulcinella (1995)	Red-necked Grebe	Great Lakes freeze	statewide	late winter
Pulcinella (1995)	American Avocet	ndetermined	statewide	one day
Pulcinella (1995)	Black Tern	undetermined	statewide	three weeks
Pulcinella (1995)	Hoary Redpoll	undetermined	statewide	all winter
Pulcinella (1995)	Common Redpoll	undetermined	statewide	all winter
Schutzsky (1990)	seabirds	rainstorm	a large reservoir	three days
States (1990)	Black-capped Petrel	hurricane	statewide	a few days
Wilhelm (1994)	Upland Sandpiper	not weather-related	—————	—————
Wiltraut (1989)	seabirds	heavy rain	a large lake	one day

PENNSYLVANIA BIRDLISTS 1995

Compiled by Terry Schiefer

Seventy-nine reports were submitted to Pennsylvania Birdlists for 1995. There are now 39 birders whose PA lifelists are above 300. Joining this group for the first time are Jason Horn, Arlene Koch, and Devich Farbotnik. Devich's 300th PA bird was seen at the ripe old age of 15. This sounds like some sort of record to me. Has anyone reached the 300 mark at a younger age?

The 300 county barrier was broken once again, this time by Randy Miller in Lancaster County. Only three other birders have reached this goal.

Six top county lists are still held by Steve Santner, followed by Margaret Higbee and William Reid each with four and by Deuane Hoffman with three top lists and one tie. There are still 19 counties with top lists under 200.

Three 1995 PA annual lists submitted by Deuane Hoffman, Ken Lebo and Jason Horn were in the all time top 50. A previously unreported 1993 list by Jason Horn was the 10th best annual list ever reported.

The 252 species seen during 1995 in Berks county by Ken Lebo is an impressive total which ties the fourth highest single county annual list ever. It just goes to prove you don't have to be in Erie or Lancaster counties to see lots of birds. There are still 18 counties with no annual list reported. Why not see how many birds you can see in your home county during 1996?

Totals marked with an asterisk (*) are previously submitted totals for which an updated total was not received this year. Totals marked (B) were originally published in the Birding list supplement.

Pennsylvania Lifelists

1	349	Barbara Haas *	43	294	James Baxter *	85	252	Ted Grisez *
2	348	Franklin Haas *	44	293	Terence Schiefer	88	247	Jim Lockyer *
3	336	Bernard Morris	44	293	Frank Windfelder B	89	246	Eugene Zielinski
4	335	Eric Witmer	44	293	George Malosh B*	90	245	Greg Malosh *
5	333	Jerry Book	44	293	John Peplinski B*	91	244	Geoff Malosh *
5	333	Deuane Hoffman	48	292	Skip Conant	92	243	Randi Gerrish
5	333	Jan Witmer	48	292	Ed Kwater	93	242	Greg Grove
5	333	William Stocku B*	48	292	David Freeland B*	94	240	Walter Fye
9	332	Rick Wiltraut	48	292	Ronald Leberman *	94	240	Sarah Gerrish
9	332	John Miller B*	52	291	Don Henise	94	240	Stan Glowacki *
11	331	Tom Garner	53	290	Bruce Carl	97	238	Roy Ickes
11	331	Robert Schutsky *	53	290	Robyn Henise	98	237	Scott Bastian
13	328	Jason Horn	53	290	Ernest Schiefer	99	235	Gary Edwards
13	328	Randy Miller	56	288	Tom Clauser	100232		Joe Strasser *
15	327	Steve Santner	57	287	Roger Higbee B*	100232		Voni Strasser *
16	324	Paul Schwalbe	58	286	William Reid *	102225		Mark McConaughy
17	320	Harry Franzen	59	285	Carl Garner	103223		Pamela Woodman *
17	320	Glenna Schwalbe	59	285	Neal Thorpe	104222		Sherri Labar *
19	318	Dave DeReamus	59	285	Allen Schweinsberg *	105221		Stephen Mallanson *
19	318	John Ginaven	62	284	Kenneth Gabler	106219		Larry Brown
21	317	Gerald McWilliams	62	284	Armas Hill B	107218		Dennis Miller
22	316	William Murphy	62	284	James Gray B*	108216		Jim McKinney *
23	315	Evelyn Kopf	65	283	Edward Pederson B	109215		Bob MacHesney
24	314	Fritz Brock	65	283	Richard Timm B*	110214		Nick Kerlin
24	314	Phillips Street	67	280	Mike Fialkovich	111212		Arlene Brown
26	310	Richard Colyer	68	278	Merrill Wood *	112210		Deborah Grove
26	310	Jonathan Heller *	68	278	James Baird B*	113206		Russ Ruffing *
26	310	Harold Morrin *	70	277	Bonnie Baird B*	114205		Richard Murphy *
29	309	Ken Lebo	71	276	Kevin Crilley	115200		Fred Crowley
30	308	Al Guarente	71	276	John Salvetti			
31	307	Joyce Hoffmann	73	274	Thomas Reeves			
32	306	Nick Pulcinella	73	274	Gloria Lamar *			
33	305	Steve Farbotnik	75	270	James Flynn			
33	305	Gene Wilhelm *	76	269	Matt Wlasniewski			
35	303	Arlene Koch	77	268	Walter Shaffer *			
36	302	Margaret Higbee B*	78	267	Harry Henderson *			
36	302	Sam Stull *	79	266	Joe Meloney *			
38	300	Devich Farbotnik	80	263	David Kyler			
38	300	Larry Lewis *	81	259	Linda McWilliams *			
40	299	Harold Lebo	82	257	Dick Byers			
40	299	Keith Richards B*	82	257	Russell Ryan *			
42	297	Allan Keith B	82	257	Kerry Grim *			
			85	252	Richard Koval			
			85	252	Scott Bills *			

County Lifelists (top 50)

1	307	Erie	Gerald McWilliams
2	301	Lancaster	Tom Garner
2	301	Lancaster	Randy Miller
2	301	Lancaster	Eric Witmer
5	297	Lancaster	Jerry Book
6	296	Lancaster	Robert Schutsky *
7	291	Erie	Sam Stull *
8	290	Lancaster	Jan Witmer
8	290	Philadelphia	John Miller *
10	289	Delaware	John Miller *
11	287	Lancaster	Jonathan Heller *
11	287	Lancaster	Harold Morrin *
13	284	Lancaster	Deuane Hoffman
14	282	Lancaster	Barbara Haas *
15	276	Luzerne	William Reid *
16	274	Lancaster	Bruce Carl
16	274	Lancaster	Steve Santner
18	273	Erie	Ed Kwater
19	272	Centre	Merrill Wood *
20	268	Chester	Larry Lewis *
21	267	Erie	James Flynn
21	267	Butler	Gene Wilhelm *
23	265	Berks	Ken Lebo
23	265	Erie	Deuane Hoffman
25	264	Lehigh	Fritz Brock
26	263	Centre	Harry Henderson *
27	262	Berks	Jason Horn
28	262	Cumberland	Deuane Hoffman
28	262	Franklin	Carl Garner
30	261	Bucks	Steve Farbotnik
30	261	Lehigh	Bernard Morris
32	260	Berks	Kerry Grim
33	259	Lehigh	Jason Horn
34	256	Lehigh	Rick Wiltraut
35	255	Delaware	Barbara Haas *
35	255	Delaware	Nick Pulcinella *
37	253	Dauphin	Deuane Hoffman
37	253	Erie	Linda McWilliams *
39	252	Delaware	Al Guarente
40	251	Cumberland	Don Henise
40	251	Lancaster	Jason Horn
40	251	Montgomery	Jason Horn
40	251	Chester	Barbara Haas *
44	250	Chester	Phillips Street
44	250	Butler	David Freeland *
46	249	Cumberland	Robyn Henise
46	249	Erie	Barbara Haas *
48	248	Berks	Harold Lebo
49	247	Berks	Matt Wlasniewski
50	246	Lebanon	Randy Miller

County Lifelists (by county)

ADAMS

213	Arthur Kennell
200	Carl Garner
193	Nonie Kennell
172	Deuane Hoffman
150	Steve Santner
144	Russell Ryan *
143	Kenneth Gabler

ALLEGHENY

240	David Freeland *
210	Joyce Hoffmann

200	Mike Fialkovich
199	Ed Kwater
168	George Malosh *
159	Randi Gerrish
156	Bob MacHesney
144	Geoff Malosh *
141	Greg Malosh *
140	Margaret Higbee *
139	Sarah Gerrish
138	Roger Higbee *
124	Deuane Hoffman
102	Steve Santner

ARMSTRONG

209	Margaret Higbee *
192	Roger Higbee *
116	Scott Bastian
100	Steve Santner

BEAVER

168	Nick Kerlin
152	George Malosh *
124	John Cruzan *
113	Geoff Malosh *
112	Greg Malosh *
104	John Snarey
102	Deuane Hoffman
102	Steve Santner

BEDFORD

122	Steve Santner
108	Richard Murphy *
103	Deuane Hoffman
98	Kenneth Gabler
74	Merrill Wood *

BERKS

265	Ken Lebo
262	Jason Horn
260	Kerry Grim
248	Harold Lebo
247	Matt Wlasniewski
225	Deuane Hoffman
220	Ernest Schiefer
203	Terence Schiefer
202	Barbara Haas *
192	Larry Lewis *
189	Bernard Morris
174	Steve Santner
163	Al Guarente
154	Randy Miller
143	Nick Pulcinella *
142	Kevin Crilley
139	Scott Bills *
136	Jonathan Heller *

BLAIR

177	David Kyler
103	Steve Santner
76	Deuane Hoffman
75	Don Henise
67	Randy Miller

BRADFORD

221	William Reid *
194	Ronald Young *
168	Frances Biles *
139	Randy Miller

105	Barbara Haas *
102	Steve Santner

BUCKS

261	Steve Farbotnik
245	Devich Farbotnik
232	William Murphy
227	Jason Horn
207	Harry Franzen
202	Stan Glowacki *
169	Bernard Morris
149	Kevin Crilley
130	Deuane Hoffman
127	Barbara Haas *
121	Steve Santner
102	Al Guarente

BUTLER

267	Gene Wilhelm *
250	David Freeland *
193	Dick Byers
165	George Malosh *
143	Ed Kwater
129	Margaret Higbee *
122	Geoff Malosh *
120	Randi Gerrish
120	Sarah Gerrish
119	Roger Higbee *
119	Greg Malosh *
108	Deuane Hoffman
100	Steve Santner

CAMBRIA

203	John Salvetti
161	Gloria Lamer *
108	Deuane Hoffman
103	Steve Santner
99	Margaret Higbee *

CAMERON

105	Steve Santner
96	Deuane Hoffman

CARBON

240	Rick Wiltraut *
217	Jason Horn
205	Bernard Morris
171	Deuane Hoffman
115	Steve Santner

CENTRE

272	Merrill Wood *
263	Harry Henderson *
244	Terence Schiefer
242	Rick Wiltraut *
218	Eugene Zielinski
218	Scott Bills *
179	Paul Schwalbe
169	Greg Grove
162	Russ Ruffing *
145	Kevin Crilley
145	Steve Santner
138	Deuane Hoffman
126	Barbara Haas *

CHESTER

268	Larry Lewis *
251	Barbara Haas *

250 Phillips Street
245 John Ginaven
231 Joe Meloney *
212 Al Guarente
205 Jason Horn
193 Neal Thorpe
191 Deuane Hoffman
167 Steve Santner
151 Nick Pulcinella *
120 Randy Miller
116 Jonathan Heller *
111 Terence Schiefer

CLARION

224 Walter Fye
194 Margaret Buckwalter
181 Gene Wilhelm *
150 Fred Crowley
104 Steve Santner

CLEARFIELD

112 Paul Schwalbe
107 Deuane Hoffman
100 Steve Santner
82 Margaret Higbee *
72 Eugene Zielinski

CLINTON

243 Paul Schwalbe
123 Wayne Laubscher
120 Steve Santner
101 Barbara Haas *
65 Deuane Hoffman

COLUMBIA

100 Steve Santner
89 Deuane Hoffman
55 Randy Miller

CRAWFORD

206 Margaret Higbee *
201 Gene Wilhelm *
200 Roger Higbee *
193 Deuane Hoffman
191 Ronald Leberman *
152 Geoff Malosh *
150 Greg Malosh *
145 Ed Kwater
124 George Malosh *
119 Randi Gerrish
119 Sarah Gerrish
115 James Flynn
112 Steve Santner
102 Terence Schiefer

CUMBERLAND

262 Deuane Hoffman
251 Don Henise
249 Robyn Henise
242 Richard Colyer
199 Carl Garner
197 Steve Santner
176 George Wertz, Jr. *
141 Kenneth Gabler
124 Mark McConaughy
111 Randy Miller
107 Jonathan Heller *

DAUPHIN

253 Deuane Hoffman
234 George Wertz, Jr. *
223 Grace Randolph
223 Scott Bills *
219 Steve Santner
212 Mark McConaughy
190 Richard Colyer
137 Don Henise
127 Merrill Wood *
119 William Reid *
113 Randy Miller
110 Kenneth Gabler

DELAWARE

289 John Miller *
255 Barbara Haas *
255 Nick Pulcinella *
252 Al Guarente
241 Thomas Reeves
229 Skip Conant
226 Paul Schwalbe
220 John Ginaven
151 Jason Horn
148 Deuane Hoffman
130 Steve Santner

ELK

171 Linda Christenson
105 Steve Santner
76 Ted Grisez *
53 Randy Miller

ERIE

307 Gerald McWilliams
291 Sam Stull *
273 Ed Kwater
267 James Flynn
265 Deuane Hoffman
253 Linda McWilliams *
249 Barbara Haas *
243 Margaret Higbee *
242 David Freeland *
240 Mike Fialkovich
236 George Malosh *
235 Roger Higbee *
233 Gene Wilhelm *
218 Geoff Malosh *
217 Greg Malosh *
208 Steve Santner
197 Terence Schiefer
196 Richard Colyer
187 Randy Miller
178 Bernard Morris
165 Randi Gerrish
165 Sarah Gerrish
165 Don Henise
138 Jonathan Heller *
100 Kenneth Gabler

FAYETTE

119 Steve Santner
78 Deuane Hoffman
76 Randy Miller
73 Roy Ickes *

FOREST

140 Ted Grisez *

108 Steve Santner
64 Randy Miller
60 Jonathan Heller *

FRANKLIN

262 Carl Garner
227 Kenneth Gabler
145 Deuane Hoffman
130 Steve Santner
129 Don Henise

FULTON

193 Kenneth Gabler
186 Carl Garner
119 Steve Santner
118 Robert Walker *
76 Don Henise

GREENE

194 Ralph Bell *
134 Roy Ickes
109 Steve Santner
92 Margaret Higbee *
88 Randy Miller

HUNTINGDON

226 Greg Grove
222 David Kyler
190 Deborah Grove
181 Merrill Wood *
158 John Salvetti
147 Eugene Zielinski
113 Deuane Hoffman
104 Steve Santner

INDIANA

243 Margaret Higbee *
233 Gloria Lamer *
224 Roger Higbee *
195 Anne Hedgpeth *
140 Randi Gerrish
140 Sarah Gerrish
118 Steve Santner

JEFFERSON

104 Steve Santner
97 Margaret Higbee *
95 Scott Bills *
82 Roger Higbee *
59 Randy Miller

JUNIATA

169 Deuane Hoffman
108 Steve Santner
95 Jonathan Heller *
68 Randy Miller

LACKAWANNA

165 Glenn Czulada
120 Richard Koval
103 Steve Santner

LANCASTER

301 Tom Garner
301 Randy Miller
301 Eric Witmer
297 Jerry Book
296 Robert Schutsky *

290 Jan Witmer
 287 Jonathan Heller *
 287 Harold Morrin *
 284 Deuane Hoffman
 282 Barbara Haas *
 274 Bruce Carl
 274 Steve Santner
 251 Jason Horn
 240 Larry Lewis *
 216 Al Guarente
 202 Richard Colyer
 201 George Wertz, Jr. *
 198 Pamela Woodman *
 197 Ernest Schiefer
 184 Terence Schiefer
 175 Don Henise
 172 Nick Pulcinella *
 172 Dennis Weaver *
 154 Kevin Crilley
 142 Bernard Morris
 118 Margaret Higbee *
 110 Mark McConaughy
 108 Kenneth Gabler
 108 Roger Higbee *

LAWRENCE

210 Gene Wilhelm *
 102 Steve Santner

LEBANON

246 Randy Miller
 236 Steve Santner
 217 Deuane Hoffman
 186 Stephen Mallanson *
 181 Jason Horn
 174 Jonathan Heller *
 173 Bruce Carl
 152 George Wertz, Jr. *
 124 Don Henise
 122 Barbara Haas *

LEHIGH

264 Fritz Brock
 261 Bernard Morris
 259 Jason Horn
 256 Rick Wiltraut
 120 Deuane Hoffman
 103 Steve Santner

LUZERNE

276 William Reid *
 233 Richard Koval
 216 Mark Blauer *
 148 Kevin Crilley
 104 Steve Santner

LYCOMING

224 Paul Schwalbe
 124 Steve Santner
 107 Deuane Hoffman
 68 Dick Byers
 66 Barbara Haas *

MCKEAN

103 Steve Santner
 99 Ted Grisez *

MERCER

211 Gene Wilhelm *
 174 Deuane Hoffman
 124 Steve Santner
 103 Margaret Higbee *
 88 Roger Higbee *

MIFFLIN

140 Greg Grove
 136 Deuane Hoffman
 108 Steve Santner
 59 Randy Miller
 57 Merrill Wood *

MONROE

222 Phillips Street
 176 Jason Horn
 126 Deuane Hoffman
 123 Bernard Morris
 110 Steve Santner

MONTGOMERY

251 Jason Horn
 244 Kevin Crilley
 241 Harry Franzen
 241 William Murphy
 224 Bernard Morris
 216 Neal Thorpe
 145 Deuane Hoffman
 137 Steve Santner
 125 Al Guarente
 107 Robert Walker *

MONTOUR

212 Barbara Haas *
 202 Allen Schweinsberg *
 119 Steve Santner
 110 Deuane Hoffman
 104 Kevin Crilley

NORTHAMPTON

245 Rick Wiltraut
 238 Arlene Koch
 229 Steve Boyce *
 228 Dave DeReamus
 220 Brad Silfies *
 216 Bernard Morris
 201 Jason Horn
 178 Dennis Miller
 172 Deuane Hoffman
 106 Steve Santner

NORTHUMBERLAND

204 Allen Schweinsberg *
 166 Barbara Haas *
 121 Deuane Hoffman
 112 Steve Santner
 67 Scott Bills *

PERRY

227 Richard Colyer
 227 Deuane Hoffman
 157 Steve Santner
 146 Don Henise
 141 Walter Shelly, Jr. *
 139 Dallas Dowhower *
 120 Randy Miller
 116 Jonathan Heller *

PHILADELPHIA

290 John Miller *
 245 Frank Windfelder *
 243 Harry Franzen
 241 Barbara Haas *
 239 Al Guarente
 223 Skip Conant
 223 Nick Pulcinella *
 219 John Ginaven
 184 Jim McKinney *
 180 Thomas Reeves
 167 Jason Horn
 163 Deuane Hoffman
 163 Stephen Lawrence *
 154 Steve Santner
 120 Terence Schiefer
 107 Kevin Crilley
 101 Randy Miller

PIKE

201 Joe Strasser *
 201 Voni Strasser *
 141 Phillips Street
 129 Deuane Hoffman
 101 Steve Santner
 100 Barbara Haas *

POTTER

210 David Hauber
 104 Steve Santner
 104 Paul Schwalbe
 92 Don Henise
 64 Deuane Hoffman

SCHUYLKILL

241 Tom Clauser
 177 Jason Horn
 133 Steve Santner
 117 Barbara Haas *
 115 Bernard Morris

SNYDER

165 Allen Schweinsberg *
 132 Steve Santner
 127 Deuane Hoffman
 64 Merrill Wood *

SOMERSET

222 Scott Bastian
 170 Richard Murphy *
 126 Steve Santner
 52 Deuane Hoffman

SULLIVAN

156 Skip Conant
 134 Nick Kerlin
 124 Thomas Reeves
 104 Steve Santner
 103 Randy Miller

SUSQUEHANNA

168 William Reid *
 105 Steve Santner
 93 Barbara Haas *

TIOGA

204 Larry Brown *
 200 Arlene Brown *

152 Bruce Carl
120 Steve Santner
113 Deuane Hoffman

UNION

213 Allen Schweinsberg *
132 Barbara Haas *
117 Steve Santner
80 Deuane Hoffman

VENANGO

228 Gary Edwards
175 Gene Wilhelm *
103 Steve Santner
54 James Flynn

WARREN

227 Harris Johnson *
217 Ted Grisez *
114 Steve Santner
67 Randy Miller
56 Jonathan Heller *

WASHINGTON

210 Margaret Higbee *
209 Roger Higbee
197 Roy Ickes
161 Russ Ruffing *
141 George Malosh *
101 Deuane Hoffman
100 Steve Santner

WAYNE

221 Joe Strasser *
221 Voni Strasser *
125 William Reid *
102 Deuane Hoffman
102 Steve Santner

WESTMORELAND

204 Dick Byers
155 Randi Gerrish
155 Sarah Gerrish
142 Margaret Higbee *
137 Steve Santner
133 Roger Higbee *
120 James Flynn
120 Richard Murphy *

WYOMING

242 William Reid *
160 Richard Koval
142 Skip Conant
111 Steve Santner
96 Thomas Reeves

YORK

229 Russell Ryan *
202 Deuane Hoffman
194 Steve Santner
172 George Wertz, Jr. *
166 Jeff Pheasant
160 Jason Horn
153 Jonathan Heller *
151 Carl Garner
149 Randy Miller
142 Kenneth Gabler
136 Don Henise

111 Barbara Haas *

PA Annual Lists 1995

268 Deuane Hoffman
262 Ken Lebo
257 Jason Horn
245 Gerald McWilliams
238 Mike Fialkovich
236 Don Henise
235 Bruce Carl
231 Richard Koval
226 Robyn Henise
222 Randy Miller
222 Matt Wlasniewski
219 John Salvetti
212 Al Guarente
212 Bob MacHesney
210 Skip Conant
208 Dick Byers
203 Kevin Crilley
195 Carl Garner
191 Scott Bastian
183 Kenneth Gabler
175 James Flynn
175 Ernest Schiefer
172 Tom Clauser
156 Larry Brown
154 Jeff Pheasant
149 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	271	Jason Horn	1993
11	269	Jonathan Heller	1992
12	268	Terence Schiefer	1985
12	268	Deuane Hoffman	1986
12	268	Deuane Hoffman	1995
15	266	Randy Miller	1991
16	263	Gerald McWilliams	1983
17	262	Randy Miller	1993
17	262	Ken Lebo	1995
19	261	Gerald McWilliams	1991
19	261	Jonathan Heller	1993
21	260	Jason Horn	1992
21	260	Ken Lebo	1992
21	260	Gerald McWilliams	1992
24	259	Gene Wilhelm	1982
25	258	Steve Santner	1992
26	257	Jason Horn	1995
27	256	Jason Horn	1994
28	255	Franklin Haas	1977
28	255	Ed Kwater	1989
28	255	Jason Horn	1991
31	254	Barbara Haas	1977
31	254	Ed Kwater	1992
33	252	John Ginaven	1978
33	252	Bonnie Baird	1979 B
33	252	James Baird	1979 B

33	252	Gerald McWilliams	1988
33	252	Ed Kwater	1991
38	251	Gerald McWilliams	1989
38	251	Steve Santner	1989 B
38	251	Steve Santner	1991
41	250	Gerald McWilliams	1979
41	250	Ed Kwater	1990
43	249	David Freeland	1984
43	249	Steve Santner	1990
43	249	Jonathan Heller	1994
46	248	Gerald McWilliams	1985
46	248	Jerry Book	1992
46	248	Gerald McWilliams	1993
49	247	James G. Stull	1976 B
49	247	Gerald McWilliams	1982
49	247	Terence Schiefer	1986

County Annual Lists (by county)

ADAMS

201	Arthur Kennell	1992
140	Carl Garner	1991
126	Carl Garner	1995
73	Kenneth Gabler	1995

ALLEGHENY

154	Bob MacHesney	1995
96	George Malosh	1982
93	George Malosh	1974

ARMSTRONG

152	Margaret Higbee	1993
142	Margaret Higbee	1986
139	Margaret Higbee	1987

BEAVER

124	John Cruzan	1994
110	George Malosh	1974
105	George Malosh	1975

BEDFORD

71	Kenneth Gabler	1992
70	Kenneth Gabler	1991
66	Jonathan Heller	1992

BERKS

252	Ken Lebo	1995
226	Ken Lebo	1994
223	Jason Horn	1995
221	M a t t W l a s n i e w s k i	1995
194	Deuane Hoffman	1995
150	Ernest Schiefer	1995

BLAIR

143	Beryl Sternagle	1995
126	Beryl Sternagle	1990
121	Beryl Sternagle	1989

BRADFORD

147	Ronald Young	1993
146	Ronald Young	1992
82	Skip Conant	1988

BUCKS

224	Steve Farbotnik	1992
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217 Steve Farbotnik 1994
 210 Devich Farbotnik 1992

BUTLER
 245 Gene Wilhelm 1983
 229 Gene Wilhelm 1985
 225 Gene Wilhelm 1982

CAMBRIA
 177 John Salvetti 1992
 174 John Salvetti 1995
 151 John Salvetti 1994

CENTRE
 224 Terence Schiefer 1985
 214 Terence Schiefer 1986
 211 Terence Schiefer 1984

CHESTER
 225 Larry Lewis 1988
 221 Larry Lewis 1983
 219 Larry Lewis 1986

CLARION
 181 Gene Wilhelm 1992
 162 Walter Fye 1992
 161 Walter Fye 1995

CRAWFORD
 208 Ronald Leberman 1994
 202 Ronald Leberman 1989
 201 Gene Wilhelm 1992

CUMBERLAND
 227 Deuane Hoffman 1989
 225 Deuane Hoffman 1992
 224 Deuane Hoffman 1995
 212 Don Henise 1995
 197 Robyn Henise 1995
 71 Kenneth Gabler 1995

DAUPHIN
 214 Deuane Hoffman 1995
 206 Deuane Hoffman 1992
 205 Deuane Hoffman 1986
 204 Grace Randolph 1995
 200 Mark McConaughy 1995

DELAWARE
 241 John Miller 1969
 205 Al Guarente 1995
 191 Al Guarente 1992
 155 Skip Conant 1995

ERIE
 264 Sam Stull 1979
 256 Gerald McWilliams 1992
 252 Gerald McWilliams 1991
 237 Gerald McWilliams 1995
 154 James Flynn 1995
 87 Kenneth Gabler 1995

FOREST
 144 April Walters 1993
 143 Richard Walters 1993
 60 Jonathan Heller 1993

FRANKLIN

180 Carl Garner 1993
 180 Carl Garner 1994
 171 Kenneth Gabler 1995
 130 Kenneth Gabler 1995

FULTON
 115 Kenneth Gabler 1988
 114 Carl Garner 1991
 109 Kenneth Gabler 1992
 40 Kenneth Gabler 1995

GREENE
 137 Ralph Bell 1985
 134 Ralph Bell 1986
 130 Ralph Bell 1990

HUNTINGDON
 194 Greg Grove 1994
 191 Greg Grove 1992
 187 Greg Grove 1995

INDIANA
 206 Margaret Higbee 1993
 203 Margaret Higbee 1991
 194 Gloria Lamer 1992

JEFFERSON
 95 Scott Bills 1981

JUNIATA
 55 Jonathan Heller 1991
 33 Kenneth Gabler 1991

LACKAWANNA
 161 Glenn Czulada 1995
 117 Richard Koval 1995

LANCASTER
 255 Robert Schutsky 1992
 249 Jonathan Heller 1992
 239 Jonathan Heller 1993
 221 Bruce Carl 1995
 208 Randy Miller 1995
 43 Kenneth Gabler 1995

LAWRENCE
 210 Gene Wilhelm 1992

LEBANON
 215 Randy Miller 1993
 187 Steve Santner 1987
 183 Randy Miller 1995
 30 Kenneth Gabler 1995

LEHIGH
 200 Bernard Morris 1984

LUZERNE
 219 Richard Koval 1995
 206 Richard Koval 1994
 92 Eric Sullivan 1991

MERCER
 211 Gene Wilhelm 1992

MONROE
 74 Eric Sullivan 1993

NORTHAMPTON
 189 Dave DeReamus 1990
 168 Dave DeReamus 1991

NORTHUMBERLAND
 121 Deuane Hoffman 1995
 67 Scott Bills 1979

PERRY
 199 Deuane Hoffman 1995
 189 Richard Colyer 1993
 184 Richard Colyer 1992

PHILADELPHIA
 225 John Miller 1965
 162 Al Guarente 1992
 161 Al Guarente 1990
 146 Skip Conant 1995

POTTER
 160 David Hauber 1992
 160 David Hauber 1995
 157 David Hauber 1993

SCHUYLKILL
 191 Tom Clauser 1987
 167 Tom Clauser 1988
 161 Tom Clauser 1995

SOMERSET
 207 Scott Bastian 1994
 180 Scott Bastian 1995
 145 Scott Bastian 1993

SULLIVAN
 130 Nick Kerlin 1995
 125 Skip Conant 1995
 123 Skip Conant 1994

TIOGA
 167 Larry Brown 1992
 160 Arlene Brown 1992
 154 Larry Brown 1994
 147 Larry Brown 1995
 141 Arlene Brown 1995

VENANGO
 207 Gary Edwards 1995
 194 Gary Edwards 1991
 192 Russ States 1991
 54 James Flynn 1995

WARREN
 152 Ted Grisez 1985

WASHINGTON
 134 Russ Ruffing 1985
 132 Roy Ickes 1984
 100 George Malosh 1975

WYOMING
 193 William Reid 1993
 181 William Reid 1994
 134 Richard Koval 1994
 93 Skip Conant 1995

YORK
 196 Russell Ryan 1992

178	Russell Ryan	1991
153	Jeff Pheasant	1995
44	Kenneth Gabler	1995

County Annual Lists (top 50)

1	264	Erie	Sam Stull	1979
2	256	Erie	Gerald McWilliams	1992
3	255	Lancaster	Robert Schutsky	1992
4	252	Berks	Ken Lebo	1995
4	252	Erie	Gerald McWilliams	1991
6	251	Erie	Gerald McWilliams	1983
6	251	Erie	Gerald McWilliams	1988
8	249	Lancaster	Jonathan Heller	1992
9	248	Erie	Gerald McWilliams	1989
10	246	Erie	Gerald McWilliams	1993
11	245	Butler	Gene Wilhelm	1983
12	244	Erie	Gerald McWilliams	1985
13	243	Erie	Gerald McWilliams	1979
13	243	Erie	Gerald McWilliams	1981
15	242	Erie	Gerald McWilliams	1984
16	241	Delaware	John Miller	1969
17	239	Erie	Gerald McWilliams	1994
17	239	Lancaster	Jonathan Heller	1993
19	238	Erie	Gerald McWilliams	1990
20	237	Erie	Gerald McWilliams	1995
21	236	Lancaster	Randy Miller	1991
22	234	Erie	Gerald McWilliams	1980
22	234	Erie	Gerald McWilliams	1982
22	234	Erie	Gerald McWilliams	1987
22	234	Erie	Ed Kwater	1989
22	234	Lancaster	Jonathan Heller	1991
22	234	Lancaster	Randy Miller	1992
28	233	Erie	James Flynn	1979
29	232	Erie	Ed Kwater	1992
30	230	Erie	Gerald McWilliams	1986
30	230	Erie	Deuane Hoffman	1991
32	229	Butler	Gene Wilhelm	1985
33	228	Erie	James Flynn	1978
34	227	Cumberland	Deuane Hoffman	1989
34	227	Erie	Ed Kwater	1991
36	226	Berks	Ken Lebo	1994
36	226	Lancaster	Jonathan Heller	1994
38	225	Butler	Gene Wilhelm	1982
38	225	Chester	Larry Lewis	1988
38	225	Cumberland	Deuane Hoffman	1992
38	225	Philadelphia	John Miller	1965
42	224	Bucks	Steve Farbotnik	1992
42	224	Butler	Gene Wilhelm	1981
42	224	Centre	Terence Schiefer	1985
42	224	Cumberland	Deuane Hoffman	1995
42	224	Lancaster	Randy Miller	1993
47	223	Berks	Jason Horn	1995
48	221	Berks	Matt Wlasniewski	1995
48	221	Chester	Larry Lewis	1983
48	221	Cumberland	Deuane Hoffman	1986
48	221	Cumberland	Don Henise	1994
48	221	Erie	Linda McWilliams	1986
48	221	Lancaster	Bruce Carl	1995

Save the Wetlands - Buy Duck Stamps

by Paul M. Brown

The 1996-1997 Federal duck stamp (formally known as the Migratory Bird Hunting and Conservation Stamp) will go on sale for \$15.00 on 1 July 1996 at post offices and National Wildlife Refuges. The 1996-1997 stamp features Surf Scoters in flight. Ninety-eight percent of the revenues from duck stamp sales go into the Migratory Bird Conservation Fund for the sole purpose of purchasing wetlands for the National Wildlife Refuge system.

Since the duck stamp program was initiated in 1934 during the F.D.R. Administration over 4.2 million acres of wetlands have been acquired. In Crawford County, Pennsylvania, the Erie National Wildlife Refuge was established in 1959 with duck stamp revenues. In 1995 this refuge was expanded with the acquisition of the 27.41 acre Keyser Tract. This addition was also purchased with the assistance of duck stamp revenues.

Waterfowl hunters are required to have duck stamp in their possession. While I am not a hunter I am convinced of the successes of the duck stamp program and its contributions to the National Wildlife Refuge system. In an era of government down sizing; a Congress that is openly hostile to the protection of wildlife and our public land system; and increasing losses of habitat to development, it is more important than ever that the duck stamp program be supported by bird watchers as well as by hunters.

*1012 Norwood Ave.
Pittsburgh 15202*

Summary of the Season - January through March 1996

Questions — this is what the reports this quarter prompt.

Only one **Eared Grebe** showed up this quarter (*Philadelphia*), but it was a first county record. **Great Cormorants** continue to be regulars on the lower Delaware River.

A **Glossy Ibis** was reported from *Lehigh*, but unfortunately no details were provided. At such an unusual date, was it a **White-faced**? Alas, we will never know.

Greater White-fronted Geese made appearances in five counties. This species is a regular in the state and hardly raises eyebrows anymore.

Snow Goose has become an increasingly common winter resident in the state, especially in *Lancaster*. However, *Montour* had its share of them this quarter (see Local Notes). One **Brant** was reported in *Bucks*, along with a “**Common**” **Teal**. This species has occurred there every year for several years now. Is it the same bird? **Eurasian Wigeon** were reported from an unprecedented 7 counties. So many that they did not make our Rare and Unusual list! This trend is why the records committee removed male Eurasian Wigeons from the list of birds requiring documentation. However, females were kept on the list because of the difficulty in identification. The **Barrow’s Goldeneye** in *Bucks* was elusive for some observers and cooperative for others (see the excellent photo elsewhere in this issue).

Reports of **Broad-winged Hawks** in early March used to be looked upon with great skepticism. However, they were certainly common this year. Ten counties reported them this quarter, compared with 8 last year, 5 in 1994, and only 2 in 1993! Are more Broad-wings wintering in the southern US, thereby coming north earlier than

their South American wintering cohorts?

Another hawk that has increased as a wintering bird is **Merlin**. Nine counties reported them this quarter compared with 5 last year, 6 in 1994, and 4 in 1993. It used to be that Merlins were basically reported from the hawkwatches in the fall with a few spring reports. Now they are reported throughout the fall, winter, and spring — and from many locations. There was an article about a dozen years ago about how this species was adapting to suburban environments in Canada — often nesting in people’s back yards. Apparently this trend has continued successfully.

The **Sandhill Cranes** returned to western Pa. in late March. What a fascinating development. The emergence of this species as a breeder in this state was certainly unexpected. What will be the next species to nest here? Will it be the expected Double-crested Cormorant or some species we haven’t even considered?

Another possible **Mew Gull** report in *Bucks* is their second county record. **Lesser Black-backed Gulls** were reported from 9 counties. This increasingly common gull, unfortunately rarely gets studied carefully anymore, but should be scrutinized to try to determine the race or sub-species. Although they nest in Canada, there still are strays that come over from Europe and should be noted.

Two **Varied Thrushes** in *Berks* made for the first two county records! One was from last quarter, but was not found out until this quarter.

The **Northern Shrike** invasion continued with 25 counties reporting this species.

A **Black-and-white Warbler** in *Philadelphia* missed an early arrival date by one day. Of course, the question arises — was it early or late?

The amazing **Black-headed Grosbeak** in *Allegheny* remained through the quarter, although it was very sporadic in its appearances and was missed by many seekers.

A **Clay-colored Sparrow** in *Bucks* caused a lot of debate as to its lineage. It did not have all of the “classic” markings. However, it molted into adult Clay-colored Sparrow plumage, which ended the debate.

Various forms of **Dark-eyed Junco** continue to be reported, but without any documentation! Since there is so much variability in junco plumages, it is very important to record the description of these individuals so that proper determination can be made.

Two **Baltimore** (isn’t it nice to have the old name back) **Orioles** were reported, in *Potter* and *Somerset*.

Last, but not least, only a couple crossbills were reported, **Red** in *Erie* and *Wyoming*, and **White-winged** in *Allegheny*. And 4 **Hoary Redpolls** were reported in what was certainly not a great redpoll year.

Answers anyone?

There were 176 species (plus 1 exotic) reported this quarter, about the same as the 177 reported in the same quarter last year. We received partial or complete reports from 56 counties. Thanks again to our hard-working county compilers! ♣

Frank & Barb Haas

Birds of Note - January through March 1996

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

Rare and unusual sightings will be reviewed by the Pennsylvania Ornithological Records Committee.

Red-throated Loon - *Delaware*: 1 on 2/20 on the Delaware R. (Al Guarente); *Lancaster*: 4 on 3/20 at Washington Boro (Jerry Book).

Eared Grebe - *Philadelphia*: 1 on 3/23-26 at Tinicum NWR (Skip Conant, Al Guarente, Nick Pulcinella).

Great Cormorant - *Bucks*: Present all quarter; *Delaware*: Present all quarter; *Philadelphia*: Present up to 3/22 with a high of 11 on 2/26.

American Bittern - *Crawford*: 1 on 3/30 at Conneaut Marsh (Issac Fields).

Great Egret - *Dauphin*: 1 on 3/17 at Wildwood Lake (Ramsay Koury); *Erie*: 1 on 3/29 at Edinboro (DJ); *Montgomery*: 1 on 3/29-31 at Green Lane Res. (Kevin Crilley, Gary Freed); *Philadelphia*: 1 on 3/31 at Roosevelt Park (Ed Fingerhood, Keith Russell).

Green Heron - *Blair*: present from 3/28 on at Canoe Creek S.P. (Stan Kotala).

Black-crowned Night-Heron - *Philadelphia*: present from 3/25 on at Tinicum (Ed Fingerhood, Skip Conant).

Glossy Ibis - *Lehigh*: 1 on 3/26 at Wescosville (no details)(Janet Firley).

Greater White-fronted Goose - *Bucks*: 1 on 2/28-29 (Steve Farbotnik, Ken Ricker) and 3/10 (August Mirabella) at Peace Valley Park; *Centre*: 1 on 3/27-30 at Curtin Wetlands (Dorothy Bordner); *Cumberland*: 1 on 3/30 at Huntsdale Fish Hatchery was a first county record (Don Henise, Ramsay Koury); *Lancaster*: 1 on 3/31 at Middle Creek WMA (Tom Garner); *Westmoreland*: 1 on 3/11-26 at Trout Run Res. And Laughlinton (Robert Leberman, Robert Mulvihill, Robert Shaw, Helene Moore).

Barnacle Goose - *Chester*: 3 in early March at Hibernia Lake (no details); *Lancaster*: 1 on 3/2-24 at Middle Creek WMA (Mark McConaughy) and 1 on 3/10 at Washington Boro (no details) (Eric Witmer, Tom Garner); *Northampton*: 1 on 3/20 near Green Pond Rd. (Dennis Miller).

Ross' Goose - *Berks*: 1 on 3/24 at Lake Ontelaunee (Rudy Keller); *Lancaster*: 1 on 3/16 at Chestnut Level (no details) (Bob Schutsky), 1 on 2/10 at Muddy Run (no details) (Peter Robinson), 1 or 2 on 3/2-24 at Middle Creek WMS (No details) (Tom Garner, Eric Witmer, Randy Miller), and 1 on 2/26 at Washington Boro (no details)

(Jerry Book); *Montgomery*: 1 on 3/3-4 at Lakes Edge Road, Limerick (Kevin Hakun)

Brant - *Bucks*: 1 on 2/28 at Peace Valley Park (Steve Farbotnik).

Green-winged "Common" Teal - *Bucks*: 1 on 1/6 and 2/7 at Peace Valley Park (Steve Farbotnik).

Surf Scoter - *Luzerne*: 1 on 1/7 at Forty Fort (Rick Koval).

Barrow's Goldeneye - *Bucks*: 1 on 2/11-21 between New Hope and Scudder's Falls was a first county record (Bill Hoehne).

Peregrine Falcon - *Chester*: 1 on 1/12 at West Grove; *Delaware*: Permanent resident; *Luzerne*: 1 on 3/31 at Hunlocks Creek (Rick Koval); *Philadelphia*: Permanent resident.

Sandhill Crane - *Butler*: 2 on 3/25 at Harrisville (Gene Wilhelm); *Lawrence*: 1 on 3/29 at Plain Grove (Suzanne Butcher, Linda Wagner); *Mercer*: 2 on 3/25 at Airport Rd. (J. & B. Heater).

Lesser Yellowlegs - *Crawford*: 1 on 3/30 at the Pymatuning area (Ron Leberman).

Pectoral Sandpiper - *Cumberland*: 5 on 3/25 at Mud Level Road (Don Henise).

Red-necked Phalarope - *Columbia*: 1 on 3/20 at Jonestown Arm Lake (Scott Killam).

Mew Gull - *Bucks*: 1 on 3/27 at Nockamixon S.P. was a second county record (Steve Farbotnik, Jason Horn).

Thayer's Gull - *Erie*: 1 on 3/28 at Presque Isle S.P. (Jerry McWilliams).

Glaucous Gull - *Bucks*: Present up to 2/25 at Peace Valley Park (August Mirabella); *Erie*: present from 2/10 on with a high of 5 on 2/29 at Presque Isle S.P. (Jerry McWilliams).

Snowy Owl - *Mifflin*: 1 on 1/28 at Ryde (Merrill Latherow).

Least Flycatcher - *Elk*: A very early 1 on 3/31 at Cole Run (David Wolfe).

Purple Martin - *Adams*: 3 on 3/24 at Harney Rd. (Donna Yingling); *Dauphin*: 1 on the extremely early date of 2/26 at Hershey North (Nancy Cladel); *Franklin*: present from 3/26 on at Grant Shook Rd. (Carl Garner); *Greene*: 1 on 3/25 at Bell's (Ralph Bell).

Barn Swallow - *Philadelphia*: first seen on 3/31 at Mt. Airy (Harry & George Armistead); *York*: first seen 3/31.

Blue-gray Gnatcatcher - *Chester*: 1 on 3/31 at Willistown Twp (Tony Fernandez).

Varied Thrush - *Berks*: 1 in December 95 near Boyertown and 1 on 2/4-28 about ten miles

away were the first two records for the county.

Brown Thrasher - *Allegheny*: 1 on 1/11 at Churchill (Dana Shaffer); *Erie*: 1 on 1/10 at Harbor Creek (Steve Danko).

Loggerhead Shrike - *Adams*: Present all quarter; *Crawford*: 1 on 11/19 at Woodcock Lake (Ron Leberman); *Tioga*: 1 on 12/26 at Cowanesque Lake (Joanna Stickler).

Palm Warbler - *Chester*: 1 on 3/31 at Church Farm School (Mike Coulter); *Lancaster*: 1 on 1/1 at Washington Boro (Eric Witmer).

Black-and-white Warbler - *Philadelphia*: 1 on 3/31 at Tinicum was one day shy of an early record date (Beth Slikas).

Louisiana Waterthrush - *Fulton*: 1 on 3/31 at Meadow Grounds Lake (Dan Snell); *Huntingdon*: 1 on 3/31 at Trough Creek S.P. (Dave Kyler).

Black-headed Grosbeak - *Allegheny*: 1 was coming to a feeder in Wexford since September was still present throughout the quarter.

Clay-colored Sparrow - *Bucks*: Present all quarter at Peace Valley Park. Fourth record for the county.

Lincoln's Sparrow - *Chester*: 1 on 3/27 at Church Farm School (Mike Coulter).

Harris' Sparrow - *Huntingdon*: 1 at a feeder in Mt. Union from January through the quarter was a first county record (John Kurey).

Dark-eyed "Oregon" Junco - *Delaware*: 1 on 1/17 at Media (Jim & Linda Waldie); *Indiana*: 1 on 1/3-3/3 at Shelocta (Margaret & Roger Higbee, et al.); *Mifflin*: 1 on 2/27 (no details).

Dark-eyed "Pink-sided" Junco - *Delaware*: 1 on 1/9-12 (Jim Lockyer); *Tioga*: 1 on 3/24-28 at Job's Corners (no details) (Arlene & Larry Brown).

Brewer's Blackbird - *Dauphin*: 1 on 1/21 south of Hershey (Grace Randolph); *Warren*: 1 on 3/15 at North Warren (No details) (Jim King).

Baltimore Oriole - *Potter*: 1 on 3/31 at Seven Bridges (Fay Long); *Somerset*: 1 present up to 1/8 at Markleton (Anthony Marich).

Red Crossbill - *Erie*: Present part of the quarter; *Wyoming*: 4 on 1/1 and 2 on 1/9 at Lake Carey (Rick Koval, Jim Hoyson).

White-winged Crossbill - *Allegheny*: present up to 3/8 at Baldwin (Chuck Tague, Rose Mary Drescher).

Hoary Redpoll - *Berks*: 1 on 2/18 at Henningsville (J.L. Muddeman); *Bucks*: 1 reported on 3/3 at Levittown if approved by PORC would be a first county record (George Carmichael); *Elk*: 1 on 1/28-3/5 at Dt. Marys (Linda Christenson); *Mifflin*: 1 on 3/17 at Mattawana (Dave Kyler).

Local Notes

Allegheny County

Waterfowl variety was at its best due to the severity of the winter. As lakes to the north froze solid, the three rivers in PGH became attractive to waterfowl where 21 spp. were recorded, one of the best totals ever. Noteworthy sightings were a **N. Shoveler** at DH and SS 1/2-2/18 (CT et al.), 17 **Redhead** at NP 3/4 (W&DS), 1 **Oldsquaw** at NP on 3/18 (*fide* JH), and 13 **C. Merganser** at SS & WR on 2/4 (W&DS, BM).

A **N. Goshawk** was observed flying over NH 3/29 (PH). An albino **Red-tailed Hawk** near the PGH Airport was an interesting find on 2/13 (EK). The bird was completely white except for a brown patch on the back and a red tail (EK). 2 **Rough-legged Hawk** (1 dark phase) were at IMP 1/22-3/2 (MV, EH, CM). The female **Peregrine Falcon** in PGH was incubating her first egg on 3/22 (CB, *fide* JSo) and a **Merlin** spent most of the quarter in and near HC (MV, DSm, et al). We have very few records of Merlin and Rough-legged Hawk for the county. A **Wild Turkey** with a white head, tan colored body, wings and tail, and white primaries was present with a flock of normally pigmented birds at NP 1/2-2/1 (MF et al).

Am Woodcocks were heard displaying in SEW during the 3rd week of March (*fide* JH). The **Ls. Black-backed Gull** reported last quarter was only reported on 1/1 at KT (PB).

The male **Black-headed Grosbeak** was still coming to a feeder in WX through the end of the quarter (RS, SZ). A yellow variant male **House Finch** was in BLD on 1/27, as well as an individual with conjunctivitis (EK, CK, JV, BM, W&DS, MF).

A few northern finches appeared in the county this quarter. A **C. Redpoll** was at NP (JH et al), one was in RT (D&BM) and 15 were in Kilbuck Twp (PB). A ♂ **White-winged Crossbill** was in BLD from the end of Dec to 3/8 (RMD, CT), the first for many years. Two **Pine Siskins** were at FC the 2nd week of Jan (PW). All birds were seen at feeding stations with the exception of the **C. Redpoll** at NP.

Armstrong County

Two **C. Loon** on the AR at KTN 1/3-5 (SB) were nice finds. Waterfowl wintering on the AR at RST included 21 **Canvasback** and 13 **C. Merganser** in Jan; however, these were driven away by the early flooding. A warm water treatment pond at KPP harbored a nice variety of species during the period, including **Pied-billed Grebe**, **Great Blue Heron**, **Canada Goose**, **Mallard**, **N. Shoveler**, **Gadwall**, **Canvasback**, **C. Goldeneye**, and **Killdeer**. At least 3 **Bald Eagle** including 2 ad. were present along the AR at KTN during the quarter.

The large number of **Rough-legged Hawk** here was amazing. A strip trip to ER on 1/14 yielded 11 indiv: 6 dark morph, 5 light. In addition, 3 were seen regularly near KTN. Up to 3 **Short-eared Owl**, 200+ **Horned Lark**, and 100+ **Snow Bunting** were found in pastures and farmland near WT (SB). The **N. Shrike** at ER continued into the quarter in its traditional stream valley. Winter finches were scarce with **Pine Siskin** reported only at KTN (NK).

Beaver County

The small numbers of several spp. of ducks present the first week of Jan disappeared with the ensuing floods and

gradually reappeared in late Feb and early Mar.

A **Yellow-bellied Sapsucker** and a **Chipping Sparrow** spent the quarter at Rick & Pat Mason's feeder in N. Sewickly.

Out-of-season finds were a **Gray Catbird** along the Beaver R. 3/11 (PV) and **Yellow-rumped Warbler** at Hereford Manor L. in Franklin Twp 2/18 (EK).

Berks County

Only a few years ago it seemed remarkable when the spring **Snow Goose** count topped 1000 birds. For many years the total didn't top 100. This year's jump was spectacular. On 3/3, 5000 (including 25 "blues") were feeding in the fields near Hamburg (KG, MW), and 10,000 were estimated in that area 3/5 (LG, DW). On 3/16, 8000-10,000 were estimated to have flown over Bern Twp (EB). On 3/30 KL estimated 50,000, or about half of the enormous concentration of nearby Middle Creek WMA, to be feeding in fields in w. Berks. Besides these mind-boggling numbers, many smaller flocks of a few hundred or less were seen in fields and farm ponds elsewhere in the Co. A flock of about 8000 "Snows" and 95 "blues" at L. Ontelaunee 3/24 contained an ad. **Ross' Goose**, the 3rd Co. record.

Due to the heavy snows of Jan, birders lost sight of all the **N. Shrike** reported last quarter, except one. An ad. near Eckville was seen 2/18, 19 (RE, KG, MW), and possibly this same bird was last reported 3/21 (EA).

Berks turn to record **Varied Thrush** came this winter. The 1st Co. record occurred in Dec. 1995, when an ad. ♂ was seen at a feeder near Boyertown "for approximately one week prior to the heavy snow of Dec. 19," according to Robert Davidheiser, a friend of the bird's "hosts." These folks are not part of the birding community, so news of it did not get out till it was gone. However, a photo was taken and forwarded by RD. The 2nd Co. record occurred on 2/4 when a ♂ was identified in a yard near Lobachsville (CE). Access was restricted by the homeowners, wishing to retain privacy, to about 20 birders, who had excellent views of it when it came to feed on crab apples a few feet from a window. It left with milder weather 2/28. Many photos and a videotape were taken. Though these two locations are only about 10 mi. apart—no distance at all to a bird that has flown across the continent—the photos (submitted to PORC) show that the Boyertown bird had a darker breastband, a darker gray cap, and a deeper orange breast than the other male, so most likely two birds were seen.

A few **C. Redpoll** were reported in Jan and Feb, all ones and twos, and a flock of 26 ended the season 3/1. A ♀ **Hoary Redpoll** (ssp. *exilipes*) that appeared with 2 Commons at Saenger's Henningsville feeder 2/18 was extremely well documented by visiting British birder J.L. Muddeman (details to PORC).

Bradford County

A number of semi-hardy species which usually winter in the county (e.g. **Great Blue Heron**, **Belted Kingfisher**, **Winter Wren**, **Swamp** and **Field sparrows**, **E. Meadowlark**, and **N. Harrier** were not found this winter. No **Rough-legged Hawk** in the Troy area. (RY).

An ad. **Golden Eagle** seen in flight, then perched, then

in flight again at SGL 36 on 3/16 (RM). **C. Raven** had 2 eggs in a nest at Casels Glen on 3/24 (RY).

Bucks County

A **Barrow's Goldeneye** was reported on the Delaware R. at New Hope on 2/11(BH). The bird was then seen at Scudders Falls Bridge until 2/21. This is the *1st Co. record*. A **Clay-colored Sparrow** was reported at Peace Valley (PV) at the feeder by the Nature Center all quarter. This is the *4th* record for the Co. and the third consecutive year for this species.

Two additional reports indicated the possible presence of 2 rarities for the county. They were not confirmed and are included in case others may have reported them in the eastern Pa. area. What may have been a **Mew Gull** was reported at Nockamixon SP (NSP) on 3/27 (SF,JH). This would be a *2nd* record for the co. (the first was the 1994 CBC). The other was a possible **Hoary Redpoll** seen at a feeder in Levittown on 3/3 (GC). This would have been a first.

Additional highlights include: a **Red-necked Grebe** at PV on 3/9 (SF) and 2 there on 3/10 (AM), and 6 at NSP on 3/30 (SF). A **Great Cormorant** was reported at Silver L. or Pennsbury (depending on open water) all quarter (GC). The **Great Blue Heron** had returned to their nesting area at Quakertown Swamp by 3/30 (RH). This will be the third year at that site. There are now 20+ nests.

A **Gr. White-fronted Goose** was at PV 2/28-29 (SF,KR) and again on 3/10 (AM). A **Brant** was at PV on 2/28 (SF). A **Green-winged "Common" Teal** was at PV 1/16 and 2/7 (SF). A **N. Shoveler** was at PV on 2/26 (SF,KR). Two **Redhead** were at Ingham Springs 2/25 (BH) and another 3/16 (SF). A **N. Goshawk** was at Lahaska 2/19 (MR).

Two **Iceland Gull** were at PV on 2/25 and another 3/30 (AM). A **Glaucous Gull** was at PV on 2/25 (AM). A **Barred Owl** was at Chalfont for much of the quarter (TW,RF). A **Long-eared Owl** was at PV through 3/14 (AM). Two **Short-eared Owl** were at Pipersville on 3/9 (DA).

The **N. Shrike** that had been reported at PV stayed through 3/4 (SF). **Snow Bunting** were at Dublin on 1/6 and again at PV 2/10 (AM). **C. Redpoll** reported in Levittown 1/3 and 2/27 (GC) and in Revere 3/7-9 (SF). **Pine Siskin** were at PV 2/3 (I B) and at Levittown 2/25 (GC).

Butler County

First waterfowl migrants were 2 **Hooded Merganser** 2/24 on Connoquenessing Cr. near Evans City (EK). Noteworthy counts at L. Arthur (LA) were 30 **N. Pintail**, 100 **Redhead**, 300 **Ring-necked Duck** and 100 **Hooded Merganser** 3/11 (DD); 25 **C. Merganser** 3/17 (PH,MV); and 250 **Red-breasted Merganser** 3/27 (CL,JN,MHC).

Incubation began 3/4 at the Glades **Bald Eagle** nest while the lake was still frozen (NW); an imm. was seen at LA 2/29 (JH); and an ad. near Butler 3/4 (NW). Among raptors were a good total of 6 **Sharp-shinned** (v.o.), a **N. Goshawk** at Slippery Rock Twp (SRT) 1/8 (GW), and 2 **Rough-legged** at SRT 3/10 (MF,JH) and 1 at Glades 2/13-3/26 (SB et al.).

2 **Sandhill Crane** likely from the *Lawrence/Mercer* colony were spotted near Harrisville 3/25 (GW), and 3 **Gr. Yellowlegs** at Glades 3/26 (SB,MH,GL,LW) were slightly early. Owl expert Dave Darney found 3 **Long-eared** at Moraine SP 2/4-20 and banded 6 **N. Saw-whet** there during the quarter.

Also notable were 50 **Horned Lark** at Clay Twp 3/10

(SB,GB); 14 early **Tree Swallow** 3/17 at LA, L. Oneida, and Glades (PH,MV); an early or wintering **Ruby-crowned Kinglet** 3/16 at SRT (RC); **Hermit Thrush** at Glades 2/20 & 3/10 (SB,BD); **N. Shrike** at Moraine 3/9 (DD) & 3/24 (MV,JS,SS); a flock of 26 **Purple Finch** at Glades 2/13 (SB); and **C. Redpoll** totaling 80 at Moraine 2/18-20 (DD), 5 at Glades 3/17 (PH,MV), & 2 at SRT 3/5 (GW).

A note on landbird timing: Based on first dates alone, except for the early swallows and surprisingly absent **E. Phoebe**, our common residents' returns would seem normal. But most of the "on-time" dates represented very few individuals, with widespread general arrivals running 1-3 weeks late.

Cambria County

The best place to bird this quarter seemed to be the extensive potato and corn fields where the wind exposed patches of ground. Hundreds of **Snow Bunting** and **Horned Lark** could be seen and, if lucky, an occasional **Lapland Longspur**. Gobert noted this was the first time he has observed the species *Calcarius lapponicus* in breeding plumage.

Carbon County

Nothing unusual except **redpolls**, **siskins**, and **N. Shrike**.

Centre County

One **Gr. White-fronted Goose** at Curtin Wetlands from 3/27-30 (DB).

Chester County

Three **Barnacle Geese**, 1 ad. and 2 imm., were reported at Hibernia L. in early March, but no details were received.

Clarion County

Two **Rough-legged Hawk** were observed in Mt. Zion 2/17 by Fye, who believed they were performing aerial courtship maneuvers.

Fye also noted that numbers of **N. Cardinal** and **Red-breasted Nuthatch** were at their highest in several years.

Small ponds began to open up about 3/18, but Kahle L. was still frozen over 3/22. The late spring evidently delayed the waterfowl migration. A **Hairy Woodpecker** was bathing in granular, melting snow on 3/13 (MB).

Columbia County

Based on his many years of *Columbia* residency (more than my two), Gross opines that in the n. section **House** and **Purple finches**, **Blue Jay**, **Am. Robin**, and **Red-breasted Nuthatch** were down in numbers. **Canada Goose** were much above average, while **E. Bluebird** and **Golden-crowned Kinglet** were normal.

Highlight was the winter-plumaged **Red-necked Phalarope** that rested briefly (± 2 min.) on a Jonestown area lake on 3/20. A good look-down view from $\pm 100'$ was obtained as the bird departed (SK). The vigorous storm of the night of 3/19 probably was responsible. The same storm with high winds and warmish rain cleared most of the area ponds and reservoirs of ice. The Briar Creek Res. had a good assortment of water birds with a 3/25 visit finding: **Canada Goose**, **Hooded** and **Common mergansers**, **Great Blue Heron**, **Ring-necked Duck**, **Horned Grebe**, **Ls. Scaup**, **Am. Wigeon**, **N. Pintail**, and the resident **Mallard**. On 3/26 **Bufflehead** and

Pied-billed Grebe joined them. The next day **Turkey Vulture**, **Fish Crow**, **Killdeer**, and **Tree Swallow** were located (KH).

The **Short-eared Owl** of last quarter departed after the heavy snows in Dec. Replacing them in that territory were up to 4 **Rough-legged Hawk**, 3 **Red-tailed Hawk**, 1 **N. Harrier**, and 1-2 pair of **Am. Kestrel**. Feeder watchers reported **Sharp-shinned** and **Cooper's hawks**. A **Red-shouldered Hawk** in favorable habitat was reported 3/11 only (MP) in the Millville area. A **Long-eared Owl** in Feb in the Benton area was present through Mar (TBS); nesting is a possibility.

Single **N. Shrike** were found in Beaver Twp 2/13 (RY), SGL 226 on 2/26 (AG,SK) and 1 singing! near Rhorsburg 1/22 (DG) continued the Dec. trend. Occasional **C. Redpoll** in Jan, 4 near Berwick on 1/20 (KH) were followed by a Feb incursion. Noteworthy were flocks of 40+ in the Millville area 2/4 (J&SG) and 30+ near Jonestown 3/10 (SK). **Pine Siskin** were scarce. Only report of **Evening Grosbeak** was of 14 in the Rhorsburg area 1/2 (DG). **Horned Lark** and **Snow Bunting** were frequent visitors to manured fields and road sides (grit?). In Beaver Twp a mixed group of 35 larks and 50 buntings was observed 2/6 (AG). A flock of 30 buntings worked a Catawissa roadside 1/16 (JH). Near Millville on 3/20 Horned Lark were mixed with 30 **E. Meadowlark** (MP).

Single **E. Towhee** in SGL 226 on 2/10 (SK), near Bloomsburg 3/20 (JF), and in the Benton area in Mar (TBS) possibly over-wintered. Likewise the 2 **Gray Catbird** near Millville on 2/23+ (MP). In s. *Columbia* (Mainville Game Lands) an **Indigo Bunting** was seen 3/14 (RY). Singing **Brown Creeper** and **Red-winged Blackbird** near Jonestown 3/14 possibly had spring fever as a result of the same day massive Canada Goose migration display (SK).

Crawford County

Very cold and snowy season with almost no open water except a small portion of Conneaut L. and one patch of the Pymatuning Fish Hatchery near Linesville. Northern finches were reported here and there but no invasion here. Lots of **Red-breasted Nuthatch**, **E. Towhees**, and **White-throated Sparrows** at feeders and some people did have **Evening Grosbeak** and **C. Redpoll** from time to time in very small numbers. No Snowy Owl reported. A report of a **Gyrfalcon** wintering at Pymatuning (by a group of Ohio birders) could not be confirmed. I sure didn't see it.

Cumberland County

A **Gr. White-fronted Goose** was at Huntsdale Fish Hatchery on 3/30 (ph. DRH,RK) for a *1st Co. record*.

Dauphin County

Jan. certainly was a month that will be remembered in the Harrisburg area. The combination of the "Blizzard of '96" followed two weeks later by the "Flood of '96" kept most involved in activities other than birding. Sadly three spans of the Walnut St. bridge, an historic and sentimental landmark, were lost to the raging water and ice. As the Susquehanna returned to normal in Feb. so did the birding with most of the expected waterfowl being reported in the last two months of the quarter. Of interest: The first **Tundra Swan** sighting occurred 2/23 (GR); **Red-necked Grebe** arrived 2/25 with 6 observed 3/9 (RK); **Gr. Scaup** first noted 2/28 (GR); and **Ruddy Duck** 3/16 (SB). Although the real "show" was at Middle Creek, *Lebanon*, 1500 **Snow Geese** were reported (GR)

3/4 s. of Hershey. Also observed was a **Red-headed Woodpecker** 2/2 and a **Ls. Black-backed Gull** s. of Hershey 2/23 (GR); and **Bald Eagle** reports included a sighting a Dehart Dam 2/23 (GR) and at Haldeman I. through March (SB).

Our winter visitors included **Long-eared Owl** which remained at Hershey roost into March (RW); **C. Redpoll** stayed all quarter with 21 counted at feeder 2/15 (J&JF) near Halifax; **Lapland Longspur** and **Snow Bunting** at the Hershey farms 2/21 (GR); **Rough-legged Hawk** (SB); and, as documented, a **Brewer's Blackbird** 1/21 s. of Hershey (GR).

Of our returning migrants and residents an early **Purple Martin** 2/26 (NC) heads the list. A **Broad-winged Hawk** was observed (DH) and **E. Meadowlark** (RW) on 3/14, **Tree Swallow** 3/16, **E. Phoebe** and **Great Egret** arrived 3/17 (RK), a **Gr. Yellowlegs** was found 3/19 at Haldeman I. (SB), and **Double-crested Cormorant** returned to the river 3/23 (GR).

Delaware County

This quarter brought with it the blizzard of the century. Snowfall continued on and off throughout the end of Mar. On the Delaware R. a **Red-throated Loon** (AG) was discovered on 2/20, but only remained for the one day. **Red-necked Grebe** made a reappearance this year in good numbers; 2 were on the river 2/17 (NP) and 1 on 3/22 at Springton Res (AG). On 3/29 that number had increased to 4 (SC). **Great Cormorants** were present all season along the Delaware from Marcus Hook to the Phila Airport. **Snow Geese** were found only occasionally but when found they were in large flocks. 500+ on 2/25 (AG) and 435 on 3/2 (JCM). At the Phila Airport on 3/28 a **Merlin** (AG) made a very fast appearance. A nice find was a **Lesser Black-backed Gull** (NP) on 2/27 along Darby Cr. among a large flock of mixed gulls.

A cooperative **N. Saw-whet Owl** (JCM) was present in Crum Lynne from 1/12 thru 2/25 and was seen by many observers. Another excellent discovery were 55 **Horned Larks** (JCM) in Jan and another one (AG) on 3/6 at Marcus Hook. Conspicuously absent this season was **Brown Creeper**. The numbers of **Carolina Wren** were also down considerably. On 1/2 an "Oregon" type **Junco** (J&LW) was found at a feeder in Media and on 1/9-11 another "Oregon (Pink-sided)" type **Junco** (JL) made an appearance at a different feeder immediately following the blizzard. At that same feeder in Media a **C. Redpoll** (JL) on 2/17 and 26 **Pine Siskin** were present. Only 1 **Evening Grosbeak** (HM) was seen this quarter at a Swarthmore feeder.

Elk County

During this quarter, we went below zero thirteen times, with the lowest being -18 on 1/11. I had comments from people concerning the amount of birds congregating at feeders especially the redpolls and grosbeaks. This was an interesting winter, lots of birds to watch!

Frank Hughes, our newest observer, saw a **Great Blue Heron** 1/13, along with 6 **Mallards**, amazing! - **Bufflehead** (photo attached), and **C. Merganser**. The Clarion R. must have been a good spot for these birds to hang out! He was also lucky enough to see a **Bald Eagle** 2/2 on the river. Terry Steffan also saw one at the Cole Run Duck Pond on 3/20.

Dave Sorg recorded the arrival of **Am. Woodcock** 3/25 in St. Marys. **Ring-billed Gull** were flying around *Elk* in Feb,

with a high of 44 2/17 seen by Dave Wolfe in Ridgway. **Belted Kingfisher** was seen 1/13 by FH on the CLR. A very early **Least Flycatcher** was seen 3/31 at CR (DW). First **E. Phoebe** was 3/31 in SM (DS). **Red-breasted Nuthatch** in high numbers, also **Brown Creeper**, which hung around under my suet feeder catching crumbs which fell down when the other birds ate the suet.

Some **House Finch** were seen with eye problems. **C. Redpoll** were very high in numbers, with DW reporting 170+ 3/9 in Ridgway. Other observers, including Doris Fedorko, reported over 150 on many days. My feeder was busy from morning to night, with counts of 150+ on many days. Also was very pleased to see a **Hoary Redpoll** among the throng. It definitely stood out! (Description attached.) The Hoary arrived 1/28 and stayed until 3/5. I was able to stand quite close to the feeders to get a good look! I also purchased a thistle feeder with the rungs on the top and the slots below, so got a good look at the underside of the birds. By the way, that was the favored feeder out of my four thistle feeders. **Pine Siskin** also showed up with a high of 25 1/28 in SM. **Am. Goldfinch** had a high of 45 1/7 in SM while **Evening Grosbeak** brightened our dreary winter days with their beautiful colors, with a high of 63 3/28 in SM. Bird-wise it was a great winter! Weather-wise not so good!

Erie County

The harsh winter weather remained through the period with only a few subtle breaks of above freezing temperatures in Mar. The total snow fall for the season was nearly 130". The ice never started melting in Presque Isle Bay until 3/17, with ice still covering L. Erie at the end of the quarter.

Waterfowl and gull numbers were down because of the lack of open water.

Hawk migration along the lake was very light through Mar due to continuous northerly winds and precipitation.

McWilliams found an apparent **Glaucous X Herring gull** in Feb, and possibly an **Iceland X Thayer's gull** in basic II plumage on 3/17.

A bird reported as a Hoary Redpoll was seen coming to a feeder and it was photographed. A couple of the photos were given to JM and it turned out that the bird was a partial albino **C. Redpoll**!

Fayette County

A **Pied-billed** and 8 **Horned grebes** were at Jacobs Creek L. (JCL) 3/24 (D&WS). Two **Hooded Merganser** at Mill Run Res. 1/28 (D&WS). An imm. **Red-shouldered Hawk** was Ohio-pyle SP (OSP) 3/18 (DD) and 3 at Chalkhill 3/24 (D&WS). **Ruffed Grouse** were heard drumming at OSP 3/18 (DD). High count of **Wild Turkey** was 66 at OSP 1/28 (D&WS).

A **N. Saw-whet Owl** was found roosting in a grove of conifers at OSP 1/21 (DD).

First **Tree Swallow** was at JCL 3/23 (D&WS). One **E. Bluebird** at OSP 3/18 (DD). 30-40 **Dark-eyed Junco** noted at OSP 1/28 (D&WS).

Unusual for *Fayette* were 1 **Rough-legged Hawk** 1/21 and 1 **C. Redpoll** 3/18, both at OSP (DD). **Evening Grosbeak** were present part of the quarter nr Farmington (*vide* WS).

Franklin County

Highlights were 62 **Hooded Merganser** at Bender's

Pond on 3/19 (CG) and 45 **E. Bluebird** at Little Cove 2/19 (KG).

Greene County

Large numbers of **Yellow-rumped Warbler** would come into our yard each evening all winter to spend the nights in large holly and spruce trees.

Huntingdon County

Two new spp. were recorded in the county. Dave Kyler found an **Iceland Gull** at L. Raystown on 3/21. And a **Harris' Sparrow** was a regular at John Kurey's feeder in Mt Union from Jan into Apr. Documentation has been submitted for both.

The third L. Raystown CBC count on 1/1 produced 73 spp. including 10 **Rough-legged Hawk** and several rare wintering (or still transient) species like **Double-crested Cormorant**, **E. Phoebe**, **Yellow-rumped Warbler**, **E. Towhee**, and **E. Meadowlark**.

Overwintering waterfowl on the Juniata R. included unusual **Canvasback** and **Redhead**, and the usual **C. Goldeneye**, **Hooded** and **C. mergansers**, and **Bufflehead**. Dave Brandes conducted a spring hawkwatch on Tussey Mt. (*Huntingdon-Centre* line). While the biggest number of hawks passed in April (spring report), 20+ **Golden Eagle** were counted in Mar with a one-day high of 5.

1-3 **C. Redpolls** visited my feeder beginning 1/6 thru Mar; **Pine Siskin** and **Evening Grosbeak** were present throughout the period at various feeders. A few first dates: **Am. Woodcock** 2/25, **E. Phoebe** 3/17, **Tree Swallow** 3/31, a very early **Louisiana Waterthrush** 3/31, **Fox Sparrow** 3/6 (DK).

Indiana County

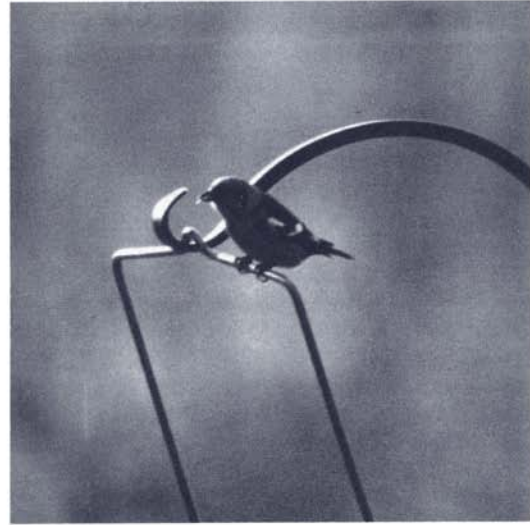
Despite the cold, snowy winter, reports were received for 100 species. Two **Snow Geese** were at Yellow Creek SP (YC) 3/16. Large rafts of **Redhead** 3/2-30 at YC surpassed all previous records. A dark morph **Rough-legged Hawk** was noted near WL 1/14 (MH,RH); a light morph near BV, 1/30 (CG,MH,LW). A **N. Shrike** near ST dive-bombed a **Mourning Dove** visiting the Michny feeder, it pursued the much larger dove "down the road then returned and perched above the feeder" where the observer (JM) had an excellent view of the shrike. First **Pine Warbler** returned to SHL 3/20 (MH,RH) where he fed on hulled sunflower seeds and an occasional peanut through the month's end. **E. Towhee** wintered at a CS feeder (DS). A **Chipping Sparrow** wintering near SHL (MH,RH) and a **Fox Sparrow** near CB (MC) continued through the quarter's end. An "**Oregon**" **Junco** was seen sporadically near SHL.

Nolo (GL) was the hottspot in the county for winter finches, where as many as 42 **C. Redpoll** were consistently found throughout the period. In addition, up to 13 redpoll were listed at CB (MC), 13 at HC (LC), and 8 at McI (PG). One to 5 **Pine Siskin** were reported only at Nolo (GL) and IND (CG), all reports after 2/1. **Evening Grosbeak** were a bit more widespread with reports of as many as 70 at ST (JM), 44 at Nolo (GL), 14 at McI (PG), and 1 at CB (MC).

PHOTOGRAPHIC HIGHLIGHTS



Northern Shrike, Institute Rd., *Northampton*, 2/17/96.
Photo by Steve Boyce.



White-winged Crossbill, Baldwin, *Allegheny*, 1/20/96
Photo by Mike Fialkovich.



Varied Thrush, near Boyertown, *Berks*, February 96.
Photo by Jason Horn.



Northern Shoveler, 2/17/96. Photo by Walt Shaffer.



Barrow's Goldeneye, Washington Crossing S. P., Bucks, 2/12/96.
Photo by Rick Wiltraut.



Clay-colored Sparrow, Peace Valley Park, *Bucks*, February 96.
Photo by Alan Brady.



Common Redpolls, Ridgway, *Elk*. Photo by Dave Wolfe.

Lancaster County

Snow Geese made another impressive showing this quarter with the greatest concentration being found at Middle Creek WMA (MC), where an estimated 100,000 birds were seen during Mar. This flock also produced a **Barnacle Goose** 3/2-24 and 1-2 **Ross' Goose** 3/2-24. Another sighting of Barnacle Goose was at the Conejohela flats 3/10. Other sightings of Ross' Goose were (1) at Muddy Run 2/10 and another at Chestnut Level 3/16, where it was sharing a pond with the **Eurasian Wigeon**. The wigeon was there since last quarter.

Red-necked Grebe were at the flats 3/3-24 with (3) on 3/10. A **N. Shrike** was at MC 1/28. A single **Palm Warbler** was a Washington Boro 1/1. A **Pine Warbler** was at Peach Bottom Village 3/28. **C. Redpoll** reports were scarce with the exception of the Alexander feeders in Quarryville, where they were present from 1/8+, with a high count of 29 on 2/3.

Other highlights were: **Iceland** and **Ls. Black-backed gulls**, **Red-throated Loon**, **Gr. Scaup**, **N. Saw-whet** and **Short-eared owls**, and **Merlin**.

Lawrence County

We found 87 spp. In 1993 the first **Great Blue Heron** nest at Frew Mill Rd, in New Castle was found. On 3/12/96 two Great Blue Herons returned to this small heronery. By 3/15 three nests were active there. The farmer who lives on the land that faces the heronery reported that the large sycamore that held a dozen active nests last year had fallen down over this hard winter. By 3/30 most of the herons had returned and rebuilt their nests in a nearby sycamore and on that date we counted 15 active nests. At the Enon Valley heronery, which is near the *Beaver* line, we counted at least 43 active nests.

Rough-legged Hawk remained until 3/15. Our high count of 4 at the Volant strips (VA) was reported 2/26 (SM, SB) and this included one dark phase. One **Sandhill Crane** made an appearance at Plain Grove 3/29 (SB, LW). On 2/6, in the winter of 1992, BD found 1 **Long-eared Owl** at an extremely vulnerable location near the Volant strips. I took a few birders into it but held off reporting it until I was sure it would not breed there. It returned in 1993, briefly. This year SB found it at the same location on 3/19-30. Most everyone reported from 1-3 **Short-eared Owl** at the strips until 3/22.

One **N. Shrike** was at the Bessemer strips (BA) on 2/18 (B&GD). One **Lapland Longspur** was also there 1/19. In past years we could expect several thousand **Snow Bunting** at BA and this year numbers peaked at 1200+ on 1/19-20 (B&GD). This year the VA produced an unusually high number of Snow Bunting, with 310+ reported 1/18 (SB, GL, MH, LW). It was very unusual to see 2 **C. Grackle** at Mt. Jackson on 1/1. A high count of 44 **Brown-headed Cowbird** in Plain Grove was unusual on 1/3. Two **C. Redpoll** were reported in New Castle in Jan. LW reported 1 on 1/3 and DA 1 on 1/7. No report of either Pine Siskin or Evening Grosbeak.

Lebanon County

The snows concentrated birds in an apple orchard in SGL 145. On 2/11 there were 400+ **Cedar Waxwing** feeding on crab apples. Also there were 38 **Purple Finch** and 1 **C. Raven**.

Snow Geese made a record showing. The PGC estimated 110,000 at Middle Creek (MC) on 3/2.

A **N. Saw-whet Owl** responded to a vocal imitation on 2/23. **Rusty Blackbird** were found several times, with the

high of 20 at MC on 3/29.

Lehigh County

Highlights include: **Glossy Ibis** at Wescosville 3/26 (Janet Firley). Also of note were 4-5 **Long-eared** and 1 **N. Saw-whet owls**, the former in Allentown and the latter in Emmaus (JH). Single **N. Shrike** were found in Weisenburg Twp 1/27 (BLM, JZ) and Vera Cruz 2/27 (JH).

Lycoming County

An **E. Screech-Owl** appeared at a feeding station in Mifflin Twp at midday (GF)! **Red-breasted Nuthatch** was present all quarter. Three **C. Redpoll** appeared in Picture Rocks (PR) 2/7 (WE); but from 3/21-23 in Upper Fairfield Twp 200+ were at the Reish's feeders. Last date was 3/26. **Pine Siskin** were somewhat scarce, but in PR all quarter.

Mercer County

Two of the now famous *Mercer/Lawrence Sandhill Crane* were sighted 3/25 at 5:15 pm off Rt. 58 near Airport Rd by (J&BH).

No wintering **Great Blue Heron** reported; They began to return to the Brucker Sanctuary 2/21. Two ad. **Bald Eagle** flew over my home at Hermitage 3/23 (MM). Awesome! To see them over one's own property was double awesome. Probably the same pair was observed displaying and calling 3/26, 27 at Transfer, 5 mi n. of Hermitage (DB). Current thinking is that this is a new pair settling in the Shenango R. area. **E. Phoebe** was 2 weeks late. The pair of **Carolina Wren** not only continued to roost in a hanging pot/Christmas decoration by my front door, but now have constructed a nest there (MM). Although Great Blue Heron, **Am. Robin**, and **Song Sparrow** generally cleared out for the winter, 2 **E. Towhee** stayed put here all quarter for the first time in ±10 years. **Field Sparrow** had not returned by end of quarter. **Red-breasted Nuthatch**, **Pine Siskin**, **C. Redpoll** put in a very mild appearance.

Mifflin County

A **Dark-eyed "Oregon" Junco** visited the feeder 2/27. On 3/24 I watched 2 **Pine Siskin** gathering dog hair and putting it in the pines. Nest building? **Evening Grosbeak** enjoyed the mixed grains.

A **Snowy Owl** was seen near Ryde (ML). An **Am. Woodcock** was peenting 3/4, but not after. Our spring hawkwatch was great.

Monroe County

From John Serrao we received the following for Tobyhanna: an **E. Screech-Owl** 1/21; **Barred Owl** 3/10; **C. Raven** 2/1 and 3/18; and **Fox Sparrow** 3/23.

Montgomery County

The extreme Jan. weather, especially on weekends, made for few reports that month. Highlights for Green Lane Res. were: 4 **Red-necked Grebe**, 119 **Tundra Swan**, 6 **Canvasback**, 3 **Redhead**, 2 **Red-breasted Merganser**, 2 **Bald Eagle**, 2 **Rough-legged Hawk**, 1 **Merlin**, 1 2nd-winter **Iceland Gull**, 2 **Ls. Black-backed Gull**, 2 **Short-eared Owl**, 1 **N. Shrike**, 1 **Savannah Sparrow**.

Ft. Washington SP hosted 4 **Red-shouldered Hawk**, 5 **Yellow-bellied Sapsucker**, 1 **Gray Catbird**, 4 **E. Towhee**,

1 **Fox Sparrow**, 15-35 **C. Redpoll**, and 5 early **Pine Warbler** 3/25. The Murphys saw a **Sharp-shinned Hawk** take a starling at their feeder, only to have it muscled away by a **Cooper's Hawk**!

A ♀ **Purple Finch** with bad conjunctivitis was at GLR 2/18. A pair of **Cooper's Hawk** is acting as if they will nest at GLR. They are often seen together, sometimes calling (suggestive of a flicker), doing display flights. Perhaps the nest will be located.

Montour County

Unprecedented numbers of **Snow Geese** were observed in the county in Mar. Where Schweinsberg listed a flock of 100 in migration as a high count, several flocks exceeding 1000 birds were observed from 3/6-23. The fly ash basin of PP&L's Power Plant was again the focal point. Since L. Chillisquaque remained frozen through the end of the quarter, birds were attracted to the open water of the basin. At least 3500 were on 3/16, approx. 2500 of which were on the water, and the balance seen flying overhead. On a Lycoming Audubon field trip 3/23, an estimated 5000 were counted on the fly ash basin. This record count corresponds to the record numbers observed at Middle Creek *Lancaster* also this spring. A good variety of ducks were seen in late March at L. Chillisquaque, Montour Preserve, include the increasingly common **Eur. Wigeon** from 3/28-31. The heavy snows of the early winter also served to concentrate field birds at manured fields. Ann Forman, who lives in the farmland of Anthony Twp attracted large numbers of field birds by spreading feed. Hundreds of **Horned Lark**, up to 43 **Snow Bunting** and a remarkable 18 **Lapland Longspur** were present after heavy snows from Jan until early Mar. This concentration of longspurs is not unprecedented, up to 20 birds have been reported on a few instances in the past 100 years, but it is quite exceptional. Broad open fields and active Amish farms in the area help to attract winter field birds, and the heavy snow cover concentrated them where they could be more easily observed.

Northampton County

Highlight was a **Barnacle Goose** at Green Pond 3/20 (DM). Six **Tundra Swan** were at Albert Rd 3/22 and a pair of **C. Merganser** were copulating on a pond in Stockertown 3/21 (RW). Seven **Rough-legged Hawk** were seen during a kestrel survey e. of Rt. 33 on 3/10 (SB,RW) and an ad. **Peregrine Falcon** was along English Rd that same day (SB). There were 4 sightings of **Merlin** during the kestrel surveys (SB,RW) and another was at Jacobsburg (DM). A record 8 **N. Shrike** were found, including 4 during kestrel surveys (SB,RW), and 3 at feeding stations (AK,DM).

E. Phoebe returned 3/18 and 10 **C. Redpoll** were seen at a feeder in Williams Twp 3/9 (DD).

Northumberland County

At the Sunbury inflatable dam on 1/5 the following: 90 **Canada Geese**, 20 **Mallard**, 8 **Am. Black Duck**, 250 **C. Merganser**, 1 **Great Blue Heron**, 10 **Great Black-backed** and 4 **Herring gulls**.

As part of a mid-winter **Bald Eagle** survey, I observed 2 imm. soaring high over the Susquehanna R. at the McKees Half Falls (DB).

Perry County

Horrible weather most of the quarter made observations and excursions few and far between. Highlight was 2 **Broad-winged Hawk** on 2/28 (DW).

Philadelphia County

As always, the highlight of the winter season is the annual city-wide Mid-winter Bird Census organized and compiled by Keith Russell. See the results elsewhere in this issue. The outstanding bird of the quarter, without doubt was Philadelphia's first (pending PORC approval) documented record of **Eared Grebe**. The bird was found at Tincum, 3/23 by Scott Connell and seen subsequently by Al Guarente, Skip Conant, Nick Pulcinella and others, (regrettably, not by me.).

A movement of **Red-necked Grebes** brought at least two into our area. One seen 3/16 on the Schuylkill R. by Keith Russell and Louis Bevier and one the same day at the East Park Res. by Ed Fingerhood, Russell, and Bevier.

The difficult winter seems to have generally retarded the migration, but not to be daunted, a wonderful flight of 36 **Tundra Swan** settled into Tincum on 3/4- 5 (Doris McGovern and John C. Miller). The Philadelphia record setting number of 780 **Snow Geese** seen by Harry and George Armistead over their home in Mt. Airy, 3/31 did not settle down. Nonetheless, despite conditions, it was an especially good duck year. Refer to the tables. Notable was an **Eurasian Wigeon** at Tincum 3/16(JCM)

The unusual flight that soared over the Armistead's Mt. Airy home 3/31, contained 2 **Black Vultures**, 2 **Broad-winged Hawks**, and a **Peregrine Falcon**. Most unusual was a dark-phase **Rough-legged Hawk** that frequented the SCEE from 1/1 to 3/16 (Chuck Hetzel, Chris McCabe). This rare Philadelphia species was seen also at the International Airport 3/9 (JCM) and over West Mt. Airy 3/17 (Steve Lawrence).

A belated record of **N. Goshawk** from last year at Torresdale, 1/10/95 (Winfield Bauers), is of note.

The **Am. Woodcock** migration was excellent; Doris McGovern remarked, "March migration was the biggest I ever saw!" A **Long-eared Owl** was found by Keith Russell and Kate Sommerville at the Andorra Natural Area on 1/6. Two were seen soon after and remained at least until 3/17 (Chris McCabe).

This is the year of the "Silent Stream," hardly a **Belted Kingfisher** could be found. Only one report of this usually common bird on 2/22 at the Wissahickon Creek and Livezey Lane (SRL). Keep an eye out for them to see if they will recover from the severity of the winter.

The **Winter Wren** seen by Ted Floyd and Kei Sochi of Williamstown, Mass., who were birding Tincum 3/25 was in full song. A big surprise was a near-record early arrival of **Black-and-white Warbler** at Tincum, 3/31 (Beth Sikes). Record is 3/30 (in 1963). All observers wondered how the difficult winter would affect the migration.

EXOTICS: A **Ruddy Shelduck** was found at Tincum 3/18 by Skip Conant, John Ginaven, and Charlie Cameron.

Pike County

John Serrao reports: 3 **Ruffed Grouse** 2/3 and 1 **E. Screech-Owl** 2/4 in Dingmans Ferry. From Lackawaxen: on 2/4, 10 **Bald Eagle** and a **Pileated Woodpecker**; on 2/9, 22 **Bald Eagle**, 2 **Red-tailed Hawk**, **Belted Kingfisher**, **C. Merganser**; on 2/11, 9 **Bald Eagle** and 6 **Wild Turkey**; on

2/24, 5 Bald Eagle. From Skytop: **Am. Woodcock**, **Wood Duck**, and **Hooded Merganser** 3/26 and **Winter Wren** and **Brown Creeper** on 3/31.

Schuylkill County

We recorded 97 spp. for the quarter, A **Horned Grebe** at Deer L. (DL) 3/30 (DH) was a good find for that location. **Great Blue Heron** were present all quarter at Landingville Dam (LD). An encouraging count of 20 **Redhead** at LVD on 1/1 made for a nice New Year's day! A lone ♂ **Oldsquaw** at Locust Lake SP (LL), 3/30 (DH) was a very nice find, A "first year" **Bald Eagle** was a treat for county birders by remaining at LVD from 1/13-2/22. A **Cooper's Hawk** got itself trapped in an industrial warehouse in Delano on 3/9, and took 3 days to be successfully extricated (SW.) A very early **E. Phoebe** was seen at Lutz Valley, Wayne Twp 2/11 (BC.) A nice count of 60 **Horned Lark** was found at the Zerbey Airport on 2/25 (JK) A ♂ **E. Towhee** remained at an E. Brunswick Twp feeder from 1/16-3/24 (SW). An interesting albinistic "white headed" **Dark-eyed Junco** was at a Schuylkill Haven feeder from about 3/1-3/8 (MK).

Somerset County

97 spp. were tallied. **Redhead** made a strong appearance with several flocks of ±50 observed (JP,AM). A "mostly white" leucistic **Red-tailed Hawk** has been present near New Lexington (RB). Good numbers of **Rough-legged Hawk** remained in the area with a high count of 17 noted (JP). The Allegheny Front hawk watch is the place to be for **Golden Eagle**; 21 seen as of 3/21 (DE).

Red-breasted Nuthatch reported in large numbers (JP,JT). Three **Lapland Longspur** were a nice find in Berlin area (J&LP) and **Snow Bunting** made the long winter more palatable (JP,AM,JT).

The **Baltimore Oriole** at Marich's feeder stayed until 1/8 (just after it started eating hulled sunflower seeds). **C. Redpoll** and **Pine Siskin** were tallied at high elevation sites sporadically (JP,JT). Unusually high numbers of **Evening Grosbeak** were present in the Mt. Davis area through the winter, and have remained as of the end of April (JT).

Marich writes that a major flood hit on 1/19. The storm was calculated by USGS as being a 75-year event on the Casselman R. in Markleton, with 32,000 cfs flowing during the flood crest. One odd offshoot of the event was the death of an uncountable amount of alewife minnows in the outflow of the Youghiogheny Dam. The river became a feeding area for waterfowl feasting on the dead minnows. On 1/28 at least 9 different Canada Geese were seen eating the dead minnows and were even seen competing with Mallards and Black Ducks for specific minnows. Interestingly the geese chewed the minnows from the side then ate them tail first, while the ducks swallowed them head first.

Sullivan County

A long winter that continued through the quarter. The first six weeks saw heavy snows or flooding every weekend. Stream gauge at Worlds End SP (WESP) that normally reads 3.5 feet was over 13.5 feet on 2/19. Most ponds and lakes were still frozen solid by end Mar.

Waterfowl flight very poor due to frozen bodies of water. Early spring migrants showed mixed bag of arrival dates -

some up to two weeks late, others on schedule.

N. Shrike from last quarter remained in Eagles Mere (EM) through 1/10 (HR). **Dark-eyed Junco** prevalent at WESP (up to 45 indiv.) with 1 bird exhibiting three white lateral lines across nape. Another bird in EM showed a single line in same location (FC).

Evening Grosbeak and **C. Redpoll** throughout the county, but scattered. Some observers had them at feeders (10-15 birds) nearly all quarter, others did not (m.obs.). **Pine Siskin** were nonexistent, but **Am. Goldfinch** were plentiful.

Susquehanna County

A **Cooper's Hawk** and a **N. Shrike** were at Fairdale on 1/2.

Venango County

Cold, snow, blizzard, cold, snow, blizzard, etc., etc. For such miserable weather, the birding wasn't too bad. The first **C. Loon** was seen at Kahle L. (KL) 3/30. An early **Red-necked Grebe** was on the Allegheny R. at Oil City sewage treatment plant on 3/23. Sixteen **Tundra Swan** were on KL 3/23. A single ♀ **N. Pintail** wintered with about 100 **Mallard** on the AR at Franklin. Six **Gadwall** were at KL on 3/31. The first **Am. Wigeon** was seen on the AR at President 3/4. At least 235 **C. Goldeneye** and 58 **C. Merganser** were on the seven-mile stretch of the AR between OC and Franklin on 1/1. DE reported an ad. **Bald Eagle** along the AR 1/30. The dozen or so **Rough-legged Hawk** reported last quarter at Windy Hills remained through this quarter. An imm. **N. Goshawk** was seen several times over a period of four weeks (JS,KG). One **Am. Coot** was with Mallards on the AR at Franklin 1/1.

Owls were the hit of the quarter. A nesting **Great Horned** was found 3/13 (KG,JS) and several others were heard at various times including in OC (J&MM). A **Long-eared** was found on 2/7 (JS,KG) on their property. The bird was found on at least 15 days through 3/14. **Short-eared** was first seen 2/10 at Co. Line Rd. where they typically winter. **N. Saw-whet Owl** was recorded on over 30 separate occasions, with up to 3 in one day (KG,JS).

After a 4-month hiatus, a **Carolina Wren** was finally recorded on 3/24 (KG). A singing **Horned Lark** was heard at KL on 2/25. A **C. Raven**, being harassed by **Am. Crows**, was observed near Pleasantville on 2/24. A **N. Shrike** was near Seneca on 1/30. One **Lapland Longspur** was with about 100 **Horned Lark** at KL on 2/17. **White-throated Sparrow** numbers appeared to be down. A flock of about 40 **C. Redpoll** was almost daily to KG & JS's feeder. **Evening Grosbeak** was sporadic through 3/31.

Warren County

Nine **C. Loon** at Starbrick 1/1 (CMN) and one there 3/26 (DW). Six **Pied-billed Grebe** in pairs on the Allegheny R. in Warren 1/22, including one with stripe-headed imm. plumage (TG). Three **Great Blue Heron** at two nests in Akeley Swamp (AS) 3/18 (TG).

A **Tundra Swan** on the river in Warren 1/1 to at least 1/22. Four flocks of 15-200 **Tundra Swan** from Kinzua Dam to Tidioute 3/14-15 (v.o.) The resident **Mute Swan** at Starbrick all quarter while a pair were nearby a few days in late March (BH, TG).

Waterfowl seen by AC and DC at AS either 3/24 or 3/26

included 20 **Green-winged Teal**, one **Black Duck**, 10 **Blue-winged Teal**, two **N. Shoveler**, 40 **Am. Wigeon**, and 30 **Ring-necked Duck**. Two **N. Pintail** there 3/26(BH), a **Canvasback** in Warren 1/23 into Feb. and two 2/6 (TG), one **Ls. Scaup** at Dunn's Eddy 1/6 (BW,DW), and one at Starbrick 3/15 (Td). A ♀ **Hooded Merganser** sat in a nest box hole while the ♂ swam below at AS 3/26 (BH). A **Red-breasted Merganser** at Starbrick 3/12 (TG).

Bald Eagle were present through the quarter, with a max. of ten sightings (some duplications) 2/3 from Warren to Kinzua Dam (TS,DW). A **Sharp-shinned Hawk** caught a kingfisher north of Tidioute 3/6 (MA). The albino **Red-tailed Hawk** was near Columbus again this winter. A local resident said it had stayed there last summer. One to four **Am. Coot** on the river in Warren through the quarter.

On the Warren CBC, 650 gulls were counted, 85% **Ring-bills**; on 1/2, 86 gulls, all **Herring**; 175-200 at Starbrick and Warren and four **Black-backed** in Warren 1/6 (BW,DW). No gulls could be located around the end of Jan., only six Ring-billed Gulls from Starbrick to Kinzua Dam 2/4, none 2/26, and eight 3115 (TG).

An **E. Screech Owl** roosted in a nest box at Grisez's in Warren for the third winter. Two **Red-headed Woodpecker**, a **Red-bellied**, **Downy** and **Hairy** used John Nelson's feeder in Pleasant Twp through the winter. The Red-headed fed on corn at times. Four **E. Bluebird** on Cable Hollow Rd. near Akeley 1/1 (TS).

A **N. Shrike** near Lander 1/6 (BW,DW), and two on Old State Rd. near Lander 2/18 (AC,DC). Two ♂♂ **E. Towhee** spent the winter at Palmer's feeder, Hatch Run Rd. (JP). Flocks of 30 to 60 **Snow Bunting** were on Yankee Bush Rd 1/1, S. Main St. Ext. 1/6, and Old State Rd. 1/16.

One **E. Meadowlark** on Smutz Rd. 3/10 (DW), and 12 at Akeley 3/26 (BH). Over 100 **Rusty Blackbird** at AS 3/26 (BH). A ♀ **Brewer's Blackbird** was well seen at a feeder in N. Warren 3/15 (JK).

One to two **C. Redpoll** were at five local feeders 1/19-3/9 while Lee Borger reported over 20 on Preston Rd., Warren, and Homer Novel 24 through Feb at Sanford. One to three **Pine Siskin** at Saybrook through Jan and Feb (CMN), and 10 in Warren 3/25 (CM). **Evening Grosbeak** were at several feeders with maximums of 150 in Jan, 100 in Feb, and 130 in Mar, all at Saybrook (CMN).

Westmoreland County

A **Gr. White-fronted Goose** at Trout Run Res. 3/11 (RCL,RSM,GM, RES) apparently joined in with a flock of resident **Canada Geese** in moving around the Ligonier Valley and was later seen on a small lake at Idlewild Park 3/19 (ES), and finally on a small pond at Laughlinton on 3/26 (HM). The first **Am. Woodcock** had returned to Beaver Run Res. (BR) by 2/26 (DL).

A **N. Shrike** was found near BR 2/6 (MJS) and relocated nearby on 2/13 (DL,DB,KB). Fields near Crabtree were productive for open country birds: **Horned Lark** counts included 130 on 2/3; 170 on 2/15; and 100 on 2/25 (DB, DL, v.o.); two **Lapland Longspur** were there between 2/2-16 (DL); and **Snow Bunting** reports included a flock of 40 on 2/15 (DL,KB,DB) and 20 on 2/16 (DL). There were scattered flocks of up to 30 **C. Redpoll**: at Powdermill Nature Reserve we banded a total of 50 during the Feb/Mar period. There were

many reports of small groups of **Evening Grosbeak** (mostly from e. *Westmoreland*), but these flocks seldom exceeded 30-35 birds.

Wyoming County

A **C. Loon** seen in spring plumage 1/28 in high flood waters on the Susquehanna R. was amazing. A flock of 200 **Wild Turkey** at Grist flats on 1/1 (JH,RK) was unusually high.

Horned Lark in nuptial flight at Meshoppen Twp on 2/26. Two years ago most of the **Carolina Wren** that survived the hard winter were feeding station birds. This winter few of the feeding station birds survived.

York County

As most everyone probably reported this winter the weather caused many birds that are normally reported to be either absent or almost so. Of course birding activity was also reduced.

The first **Red-necked Grebe** was on 1/20, with a total of 6 at three locations in Mar. An early **Osprey** on 3/31 (on only Mar record) was flying over Spring Valley County Park. The **Great Black-backed Gull** at Codorus SP was 2/24 was away from its normal winter location.

A dead **N. Saw-whet Owl** was brought to Rocky Ridge County Park in Feb (*fide* KY) and m.ob. got to study it.

Karen Lippy discovered nesting **C. Raven** in Pigeon Hills. This is a *1st Co.* record.

Only report of **Golden-crowned Kinglet** was 1/6. No **Ruby-crowned Kinglet**, **Winter Wren**, **Field Sparrow**, **Swamp Sparrow**, and **Pine Siskin**.

EXOTIC: A **Ruddy Shelduck** was at Menges Mills 3/31 (J&JP).

CORRECTION

Dear Editors:

The most recent issue of *Pa. Birds* (Vol. 9, No. 4) had my article, "Bird-Kite Encounters" on page 194. I made a very embarrassing mistake in it! The gentleman's name in the article should be **Richard Nagel** not Hastings. I inadvertently typed his hometown as his last name throughout the article. I've made my apology to him.

Nick Kerlin

Seasonal Occurrence Tables - January through March 1996

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

HOW TO READ THE TABLES

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

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

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

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

CODES

The codes used in the tables are as follows:

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

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

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

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

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

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

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

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

() = Numbers in parentheses indicate high counts for the season.

* = Something noteworthy. Comments about the record may usually be found in

the Local Notes section.

sp. = Species unknown, such as Scaup.

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

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

EXAMPLES:

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

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

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

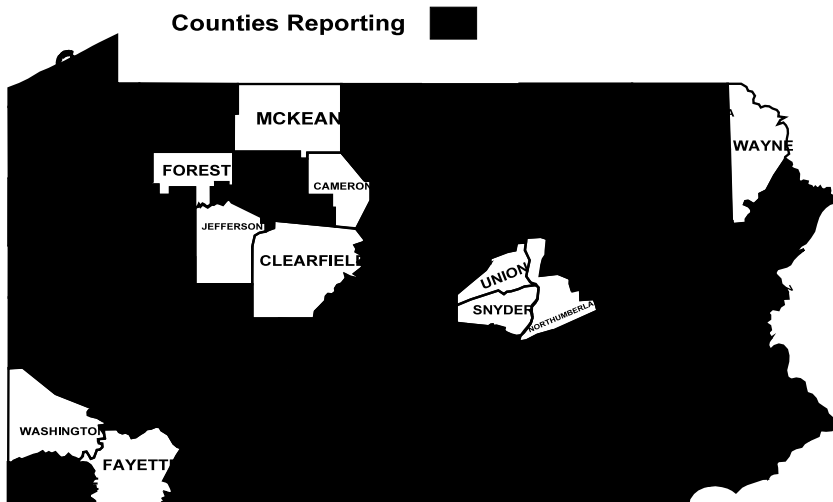
5/6- means the species was first seen on 5/6 and remained the rest of the quarter.

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

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

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

COUNTIES REPORTING - JANUARY TO MARCH 1996



SEASONAL OCCURRENCE TABLES - JANUARY THROUGH MARCH 1996

	ADAMS	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BERKS	BLAIR	BRADFORD	BUCKS	BUTLER
LOON, COMMON	3/27-29(6)-30	-	1/3(2)-5	3/5	-	3/24-25	-	-	A(2)	3/17-27(6)-
GREBE, PIED-BILLED	3/27-29(7)-30	2/8(2)-3/29	2/8(2)	-	3/15-30	3/4-30(21)	3/24(6)-	-	A	3/10-27(2)-
HORNED	3/29(2)	1/2-3/22	3/16(2)	3/2(2)	-	2/25-3/24(2)	3/24(8)-	-	A	3/11-24(4)-
RED-NECKED	-	-	3/28	-	-	3/9-10(6)-30	-	-	3/9-30(6)	-
CORMORANT, DOUBLE-CRESTED	3/29(2)	-	3/31	-	-	3/4(2)	-	-	A	-
HERON, GREAT BLUE	3/17-21(3)	A-1/29(7)	2/8	R	R	A	R	-	R-3/30(20+)	3/17-
SWAN, TUNDRA	3/14(340)-17	3/2-17(20)	1/20-3/17(22)-	-	3/17(2)	3/3-25(31)	3/17-20(800)	-	2/27-3/17(40)	3/5-10(42)-26
MUTE	-	1/2	1/6(3)-2/10	-	-	1/21-3/17(2)-	-	-	R	-
GOOSE, SNOW	3/19-30(250)	-	-	-	-	2/10-3/30(50,000)	-	3/17(20)	3/9-10	-
CANADA	R	R	R-1/28(230)	R	R	R-3/10(5000)	R	R-3/17(2500)	R	R
DUCK, WOOD	3/17-27(4)	P	3/28(8)-	2/28(2)-	2/27(120)-3/30	3/10(3)-	R	R	R	3/17(18)-
TEAL, GREEN-WINGED	3/17(10)	3/24-30(4)-	3/21-	-	2/27(223)-3/30	2/25-	R	R	P	3/11(7)-
DUCK, AMERICAN BLACK	3/17-30(11)	R-1/15(22)	1/6-2/8(6)-	A	2/27(140)-3/30	A	-	A	R	3/17-26(32)-
MALLARD	A-3/30(46)	R	R-1/6(179)	R	R-2/27(1400)	R	R-3/20(16)	R	R	R-3/28(155)
PINTAIL, NORTHERN	3/10-30(19)	3/24(7)	-	3/11(4)	3/22(23)	2/25-3/11(510)-22	-	-	A	3/11(30H)-
TEAL, BLUE-WINGED	3/30(3)	-	3/27-	-	-	3/17-24(10)-30	-	-	-	3/26-
SHOVELER, NORTHERN	-	1/2-2/18	3/5(2)-	-	-	3/11-17(4)-21	-	-	-3/26(2)	3/11(4)-
GADWALL	-	-	1/13-3/27(3)	-	3/17(7)	A-3/4(40)	-	-	-3/7(2)	3/27(6)-
WIGEON, AMERICAN	3/30(7)	1/1-3/4	3/26(2)-	3/2-13(2)	2/27(350)-3/30	2/25-3/17(150)-	3/24(12)	-	-3/17(2)	3/11(20)-
CANVASBACK	-	1/13-2/5(15)-29	1/13-2/10(21)-	1/10-2/27(3)	2/28(42)	2/19-3/30(36)	-	-	-3/10	3/16-17(6)-
REDHEAD	-	1/1-3/14(17)-16	2/8-	-	2/28(7)	2/29(8)	-	-	-3/16(2)	2/29-3/11(100H)-
DUCK, RING-NECKED	3/17(110)-30	1/2-3/16(7)-22	3/27-28(18)-	2/26(7)-3/16	2/27(70)-3/22	2/26-3/24(35)-28	3/10(6)	-	A-3/17(40)	3/10-11(300)-
SCAUP, GREATER	-	2/3-13(9)-3/9	3/14-26(6)-	-	-	3/10-23(7)-31	-	-	-	3/11
LESSER	3/30(35)	2/10-3/22	3/16-27(20)-	-	-	2/25(6)-3/29	-	-	-3/25	3/16-17(30)-
OLDSQUAW	3/29(57)	3/18	3/27	-	-	-	-	-	-	-
GOLDENEYE, COMMON	3/30(7)	1/2-2/4(10)-3/3	1/6-2/10(4)	1/5-2/17(5)	-	2/28-3/26	3/24(2)	-	-3/10	3/10(9)-
BUFFLEHEAD	3/29(5)	1/3-2/4(9)-3/21	1/11-	2/13-3/16(10)	-	3/3-30(3)	-	-	-3/17(2)	3/11-27(30)-
MERGANSER, HOODED	-	1/1-3/5)-3/15	1/6-3/2(3)-	1/16-3/14(4)	2/28(150)-3/30	1/21-3/9(12)-29	-	-	-3/16	2/24-3/11(100)-
COMMON	3/17(2)	2/3-4(13)-3/29	1/11-2/8(13)-3/14	1/5(2)-3/14	-	2/4-28(1400)-	-	R	R	3/10-17(25H)-
RED-BREASTED	-	1/1-2/17(2)	2/21-3/22(50)-	1/10-3/9(2)	-	2/25-3/24(6)-	3/24(10)-	-	A	3/5-27(250)-
DUCK, RUDDY	R	-	3/28-	-	-	3/30(15)	-	-	-2/28(4)	3/17-24(2)-
VULTURE, BLACK	R	2/19-3/30(16)-	3/25(2)-	3/5(3)-	R-3/24(33)	1/30-2/23(35)-	-	-	R	-
TURKEY	R	-	-	-	-	1/26-3/18(27)-	3/10(2)-	3/16-	-	2/25-3/21(6)-
OSPREY	3/29-	-	-	-	-	-	-	-	3/21(2)-	-
EAGLE, BALD	-	1/6(3)-2/28	-	-	-	1/4-3/4	-	-	1/8,1/31-3/7	R(4)
HARRIER, NORTHERN	3/17-29(2)	3/30	3/26	-	2/20(2)-3/31	2/29-3/28	-	-	-	3/26
HAWK, SHARP-SHINNED	P	R	R	R	1/2(2)-3/31	A	R	R	R	A
COOPER'S	1/15	R	R	R	1/11-3/28	A	R	R	R	R
GOSHAWK, NORTHERN	-	3/29	-	-	1/6	2/3	R	-	2/19	1/8
HAWK, RED-SHOULDERED	3/14	1/27-3/24	R	-	1/14-3/2	3/11-13	R	-	R	3/15-
BROAD-WINGED	-	-	-	-	-	3/4E-	-	-	-	-
RED-TAILED	R	R	R-2/7(6)	R	R	R-2/18(35)	R	R	R	R
ROUGH-LEGGED	2/27	1/22	1/14(11)-2/7	-	1/5-2/2	1/8-28(3)-3/17	-	3/16*	-	2/13-3/10(2)-26
EAGLE, GOLDEN	-	-	-	-	-	-	3/2	-	-	-
KESTREL, AMERICAN	R	R	R	R	R	2/16	R	R	R	R
MERLIN	-	1/9-	-	-	-	-	-	-	-	-
BOBWHITE, NORTHERN	-	-	R	-	-	-	-	-	R	-
COOT, AMERICAN	-	1/4(4)-3/22	2/8-	A	3/30(11)	-1/6,3/24-30(30)	3/21(15)-	-	-3/17(10)	3/16-27(125)-
KILLDEER	2/27-	2/27(3)-	-	2/2(2)	R-3/8(3)	R	2/28-	3/16-	-	2/27(2)-
YELLOWLEGS, GREATER	-	-	-	-	-	-	-	-	-	3/26E(3)
SNIPE, COMMON	3/29(7)	-	3/25	-	3/30(5)	3/1-10(40)-	3/17-	3/30-	3/6-	3/18-
WOODCOCK, AMERICAN	-	3/18-	-	-	-	3/2(2)-	-	-	-	3/18-
GULL, BONAPARTE'S	-	2/4	-	-	-	-	-	-	-	3/14-27(35)-
RING-BILLED	3/10-29(35)	A	A-1/6(60)	A	-	1/28-2/25(500)-	2/27(26)-	3/17	A	2/11-3/17(150)-
HERRING	-	A	1/6(48)-3/28	1/5-2/18(5)	-	2/11-25(800)-	-	-	A	3/26
ICELAND	-	-	-	-	-	2/25	-	-	2/25(2)-3/30	-
LESSER BLACK-BACKED	-	1/1	-	-	-	3/2-16	-	-	A	-

SEASONAL OCCURRENCE TABLES - JANUARY THROUGH MARCH 1996

	ADAMS	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BERKS	BLAIR	BRADFORD	BUCKS	BUTLER
GREAT BLACK-BACKED OWL, BARN BARRED	R	-	-	-	-	2/25(9)-3/17	-	-	A	-
LONG-EARED SHORT-EARED	R	-	R	-	R	-	-	R	R	-
NORTHERN SAW-WHET	-	-	-	-	-	-	-	-	-	2/4-18(3)-20
WOODPECKER, RED-HEADED	1/1(3)-3/28	1/22(3)-	1/5(3)-20	-	2/3(3)-3/1	-	-	-	3/9(2)	A(6)
SAPSUCKER, YELLOW-BELLIED	R	-	-	-	R	3/30	R	-	R	-
Flicker, Northern	2/12-3/17	A	1/5-7	A	1/8-2/12	A	R	-	R	-
Phoebe, Eastern	3/27-	R	2/7	1/26	R	R	R	R	R	A
Lark, Horned	R	2/24-	R-1/6(200)	1/31	3/27-	-1/9,3/18-	3/10-	3/31-	3/18-	3/10(50)
Swallow, Tree	R	3/2-22(7)-	-	R	3/27-	A-1/6(200)	R	R	-1/6	3/17E(14)-
Crow, Fish	3/26(2)	3/30(2)-	-	-	3/31-	-	-	-	3/9(4)-	-
Raven, Common	3/26(2)	-	-	-	3/21-31	3/17	R	R*	R	-
Chickadee, Black-Capped	R	R	R	R	R	R	R	R	R	R
Carolina	R	R	R	R	1/28	R	R	R	R	R
Nuthatch, Red-Breasted	A	-3/19(2)-24	A	A	1/8-3/20	3/30(2)	A	A	1/5-2/24	A
Creepers, Brown	3/10(2)-17	1/15-2/13	R	A	1/8-2/27	3/11	R	R	R	A
Wren, Winter	3/27	-	-	-	-	-2/18	R	-	-	-
Kinglet, Golden-Crowned	3/30(2)	2/22(4)	-	-	-	A	A	R	1/6	A
Ruby-Crowned	-	-	-	-	-	-	-1/4(2)	-	3/16	-
Thrush, Hermit	3/30(2)	1/28	R	-	1/8	-1/31(2)	R	-	-1/26	2/20-3/10
Robin, American	R	R-2/1(200)	R-2/7(44)	R	R-3/3(45)	A-2/29(15)	R	P	R-1/16(2000+)	A-2/11(200)
Catbird, Gray	-	-	-	3/11	-	3/11	-	-	A	-
Pipit, American	3/17-21(47)	3/4	-	-	2/17(62)	3/10	-	-	-	-
Shrike, Northern	-	-	-1/14	-	-	2/18-3/21	-	P	-3/4	3/9-24
Warbler, Yellow-Rumped	3/10-27(7)	-	R	2/18	-	1/1(5)-3/10	-	-	A	-
Towhee, Eastern	1/8,3/17-	1/15-	R	3/20-	-	3/27-	R	-	A	3/22-
Sparrow, American Tree	-2/19(10)	1/2-2/22(2)	A-1/14(7)	A	-3/31(2)	A	A	A	A	-1/2(20)-3/27
Chipping	-	2/13	-	A	-	3/31-	-	-	3/5-	-
Field	-	1/13-	-	2/26	-	A	-	-	R	-1/2,3/13-
Savannah Fox	-	-	-	-	-	3/31-	-	-	R	-
Swamp	3/10-17(16)-29	3/9-	-	-	3/7(2)	1/22-	3/2(2)-	-	A	-
White-Throated	-3/17(30)	A	R	-	-3/28(2)	-	-	-	R	-
White-Crowned	3/17(16)-19	2/13(14+)	A	A	-	1/21(11)-	A	P	A	A-3/13(12)
Junco, Dark-Eyed	A	-	-	-	-	-	-	-	-1/6	-
Longspur, Lapland	3/19(12)	-	A-2/22(46)	A	3/26(16+)	A	R	R	A	A
Bunting, Snow	3/10(250)-17	2/24(2)-	-1/5(100)-6	-	2/10(150)	1/6-3/10	-	-	-	-
Blackbird, Red-Winged	R-3/19(11)	3/16(4)-	2/22-	2/25(2)-	1/12(8)	1/6-2/4(40)-3/10	2/29(2)-	1/17(4)	-2/10	-
Meadowlark, Eastern	3/19-3/17(10)	-	1/11-	-	-	A	-	3/11-	R	2/27-
Blackbird, Rusty	3/10(5000)-	-	-	3/2-3/1(12)	-	1/5	-	3/30-	R	3/17(2)-
Grackle, Common	2/12-19(35)-	1/1(3)-	2/25-26(60)-	2/24(25)	3/7	2/24	2/27(16)-	R	3/26(2)	-
Cowbird, Brown-Headed	-	1/24-3/16(2)-	-	A	-	A	3/17(6)-	P	R	2/24-
Finch, Purple	-	2/25	R	1/26	-	3/18	R	R	R	1/21(2)-
Redpoll, Common	2/12	A-3/24(18)	3/21(10)	1/24(2)-3/15	3/9-10(8)	1/4-3/1(26)	A	1/23(60)-3/16	3/7-9	FEB(80)-3/17
Siskin, Pine	-3/19(12)	-	-	-	2/3-3/3(3)	JAN-FEB	A	3/16	2/3-25(4)	-
Grosbeak, Evening	-	-	-	-	1/18-3/22(20)-31	-	A	3/16-17(20)	-	-

	CAMBRIA	CARBON	CENTRE	CHESTER	CLARION	CLINTON	COLUMBIA	CRAWFORD	CUMBERLAND	DAUPHIN
Loon, Common	-	3/23	3/16-	3/23(2)-	-	-	-	3/30	3/21(2)-	-
Grebe, Pied-Billed	-	3/11-	3/17-	2/27-3/17(2)-	-	-	3/17-	1/6-3/24(4)-30	3/21(2)-	A
Horned	-	3/10-	3/2-	3/9(2)-	-	-	3/23(2)-26	3/9-10(5)	3/29-	3/21-30(8)-
Red-Necked	-	-	-	2/27-2/23(7)-	-	-	-	-	-	2/25-3/9(6)-22
Cormorant, Double-Crested	-	-	-	-	-	-	-	-	3/23-	-
Heron, Great Blue	P	3/11-30(2)-	-	2/27 3/6-	R	R	3/17-	A-1/22(32)	R-3/27(8)	-

SEASONAL OCCURRENCE TABLES - JANUARY THROUGH MARCH 1996

	CAMBRIA	CARBON	CENTRE	CHESTER	CLARION	CLINTON	COLUMBIA	CRAWFORD	CUMBERLAND	DAUPHIN
SWAN, TUNDRA	3/6(10)- 3/28(3)	3/2(3)-30	3/14(270)-	2/26-3/3(100+)-19	2/28-3/16(28)-29	3/14(65)	-	3/10(35)-16	3/15-30(200)-	2/23-3/17(224)-
MUTE GOOSE, SNOW	-	-	-	2/26(2)	-	-	-	R	-	-
CANADA	R	R-1/1(25)	R	R	R-3/24(156)	R-1/30(14)	3/13-19(100+)	R	3/21(49)	3/4(1500+)-19
DUCK, WOOD	3/12(2)-	3/14-	2/28(3)-	3/24(40)-	3/16-24(18)-	R-3/26(9)	R	3/2-13(8)-	3/11(2)-	2/27-3/12(14)-
TEAL, GREEN-WINGED	-	-	2/26(5)-	3/9(4)	3/24(4)	2/28-3/6(2)	R	2/24-3/31(12)-	A-3/29(21)	2/25-3/24(30)-
DUCK, AMERICAN BLACK	-	3/2(5)-	P	1/1	3/24(4)	R-2/18(29)	2/10(2)-	R-3/9(50)	R	R-2/25(28)
MALLARD	R	R-3/31(11)	R	R	R-3/24(9)	R	R	R	R	R
PINTAIL, NORTHERN	-	-	2/28-3/1(125)-24	2/26-3/19(50+)	3/15(2)	2/28(10)	3/23(3)-26	1/27-3/23(73)-30	3/21(125)	2/20-3/10(112)-
TEAL, BLUE-WINGED	3/31(12)-	-	3/22(4)-	-	3/15(2)	3/2-28(3)	3/27(6)	3/30(4)-	3/17-25(20)-	3/12-2(100+)-
SHOVELER, NORTHERN	-	-	3/14(8)-	-	3/31	-	-	2/24-3/30(2)-	3/27(2)-	2/9
GADWALL	-	-	2/11-	-	-	3/18(2)	-	3/9-23(20)-	3/21(2)-	A-2/20(14)
WIGEON, EURASIAN	-	-	-	3/23	-	-	-	3/30	-	-
AMERICAN CANVASBACK	3/6(11)- 2/2	3/23-30(7)-	2/28(8)-	2/26-3/19(38)-	-	3/6(2)	3/20-23(25)-27	3/2-23(86)-	3/21(77)-	1/15-3/22(30)-
REDHEAD	-	-	1/25(6)	-	-	-	-	2/10-3/10(19)-23	A	-
DUCK, RING-NECKED	-	1/1-3/30(9)-	1/26-3/17(4)	1/1-3/9(11)	-	2/18	3/23-26(60)-	1/6-3/23(163)-30	A	-1/1(4)-3/16
SCAUP, GREATER	-	-	3/17(23)-	2/26-3/23(230)-	3/18-31(8)-	3/26(2)	-	1/27-3/23(306)-30	3/13-29(50)-	2/28-3/20(50+)-
LESSER	-	3/9-	2/8(2)	-	-	2/18(16)	3/23	2/10-3/2(5)-23	-	2/28-3/16(20)-
OLDSQUAW	-	3/11-	3/17(6)	-	3/31(8)-	3/6-18(11)	-	2/25-3/16(14)-30	3/13-	1/25-3/23(50+)-
GOLDENEYE, COMMON	-	3/11-	P	-	-	-	-	-	-	-
BUFFLEHEAD	-	3/8-	2/11-	3/3-	-	A-2/28(18)	-	1/1-3/10(100)-30	A	A-3/10(40)
MERGANSER, HOODED	-	A-3/30(8)	3/14-	3/4-9(2)-	3/31(4)-	-	3/20-26(4)-	1/20-3/23(28)-30	A	A-3/30(100+)
COMMON	-	A-3/9(8)	3/2(4)-17	2/27-3/9(43)-24	3/10-24(3)-	2/21(4)	3/23-26(7)-	1/6-3/30(87)-	1/28-	A-3/9(30)
RED-BREASTED	-	3/9(2)-	A-3/17(80)	2/26(200+)-3/17	A-2/18(15)	A-2/18(15)	3/17-28(8)-	2/20-3/17(20)-	A	A-2/10(31)
DUCK, RUDDY	-	-	3/2(2)-	2/27-3/31(3)	3/22(2)-	3/26(13)	-	2/18-3/30(350)-	A	2/15-3/9(15)-
VULTURE, BLACK	-	-	2/24E(2)-	2/28-3/17(7)	3/10-	-	-	3/9	3/17-	3/16
TURKEY	3/23-	2/27E-	3/25	R	3/10-	-	-	2/26-3/5(3)	-	3/30-
OSPREY	-	-	MAR-	R	-	R	3/5-26(9)-	R	R	R
EAGLE, BALD	-	-	3/9-	R	3/25-	-	-	-	-	-
HARRIER, NORTHERN	-	-	3/1-	3/5	-	-	-	R-3/9(5)	-	2/22
HAWK, SHARP-SHINNED	R	3/14-	MAR	R	R	1/13	A	R	R	2/2-
COOPER'S	R	R	R	A	R	A	R	R	R	R
GOSHAWK, NORTHERN	R	R	R	A	R	A	2/10-	R	R	-
HAWK, RED-SHOULDERED	-	-	R	A	R	R	-	3/2	-	-
BROAD-WINGED	R	3/16E-	MAR	-	-	-	-	R	R	R
RED-TAILED	R	-	-	R	R	-	-	3/23-	3/19	3/14-
ROUGH-LEGGED	-3/2(2)-5	-	-3/24	1/1	1/6-2/17(2)	-	A-1/27(4)	-3/17	-2/16	P
EAGLE, GOLDEN	-	-	2/25-3/14(3)-	R	R	-	-	3/3-9	-	-
KESTREL, AMERICAN	R	R	R	R	R	R	R	R	R	R
MERLIN	-	-	-	1/15-16	-	-	-	2/25	-	-
BOBWHITE, NORTHERN	-	-	-	R	-	-	-	-	R	-
COOT, AMERICAN	-	-	3/17	3/4-	3/24-	-	-	1/1-28(75)-3/30	3/23	A-1/1(23)
KILLDEER	3/18-	R-3/30(3)	3/14(2)-	R	3/17-24(3)-	R-3/25(16)	2/26-3/27(18)-	3/17-	R	3/4-
YELLOWLEGS, GREATER	-	-	3/26	3/24(3)-	3/24(3)-	-	-	3/30(2)	3/29(2)-	3/19
SNIPES, COMMON	-	-	-	3/27(7)-	-	-	-	R	A-3/30(30)	3/11-14(4)-
WOODCOCK, AMERICAN	-	-	-	3/13-	3/15(5)-	-	-	-	2/23-	3/14-
GULL, BONAPARTE'S	-	-	-	-	-	-	-	-	A	3/27-
RING-BILLED	2/21-3/31(6)	A	3/1-	2/18-3/3(200+)-	-	2/26-3/18(85+)	A	1/1-3/23(840)	A	A
HERRING	-	3/1-	3/1	2/27	-	-	1/1-3/9(63)	1/1-3/9(63)	A	A
LESSER BLACK-BACKED	-	-	-	-	-	-	-	-	A	2/23
GREAT BLACK-BACKED	-	-	3/1-10	-	-	-	-	-	A	A
OWL, BARN	-	-	-	-	-	-	-	-	R	R
BARRED	R	-	R	-	R	R	-	-	R	R
LONG-EARED	-	-	-	1/1	-	-	A	-	-	-2/11(3)-MAR
SHORT-TEARED	-3/10	-	-	1/1(2)-3/16	-3/3(3)-16	-	-	-	A-1/30(7)	-
NORTHERN SAW-WHET	-	-	R	P	-	-	2/12	-	-	-

SEASONAL OCCURRENCE TABLES - JANUARY THROUGH MARCH 1996

	CAMBRIA	CARBON	CENTRE	CHESTER	CLARION	CLINTON	COLUMBIA	CRAWFORD	CUMBERLAND	DAUPHIN
WOODPECKER, RED-HEADED	-	-	-	-	-	-	-	R	R	2/2
SAPSUCKER, YELLOW-BELLIED	-	1/8-3/30(3)-	-	1/6-2/4	-	-	-	R	-	A
FLICKER, NORTHERN	R	R	3/17-	R	R	R	R	R	R	R
PHOEBE, EASTERN	3/31-	3/30(8)-	3/24-	A	3/31-	3/26-	3/14-	3/31(2)-	A	3/17-
LARK, HORNED	R-3/20(220)	1/9(40)-2/8	R	-	R-2/25(3)	R-3/18(60)	R	R	R	R
SWALLOW, TREE	-	3/30(11)-	-	3/27(24)-	-	-	3/19-	3/23(8)-	3/15(3)-	3/16-
CROW, FISH	-	3/19-3/30(5)-	P	R	-	2/28	3/14-	-	R	R
WOODPECKER, RED-HEADED	-	-	-	-	-	-	-	R	R	2/2
RAVEN, COMMON	R	-	R	R	R	R	R	-	R	R
CHICKADEE, BLACK-CAPPED	R	R	R	R	R	R	R	R	R	R
CAROLINA	-	-	-	R	-	-	-	-	R	R
NUTHATCH, RED-BREADED	1/25(2)	R	R	1/6-2/18	R-1/17(3)	-	A	R	R	P
CREEPER, BROWN	R	R	R	A	R	R	A-3/14(3)	R	R	R
WOODPECKER, RED-HEADED	-	-	-	-	-	-	-	R	R	2/2
WREN, WINTER	-	-	R	JAN	-	-	A-1/24(2)	R	A	P
KINGLET, GOLDEN-CROWNED	-	R	R	A	A-3/24(4)	-	-	R	R	A
RUBY-CROWNED	-	-	-	-	3/10	-	-	-	-	P
THRUSH, HERMIT	R	R	1/12	1/20-2/18	-	R	R	R-2/18*	R	R
ROBIN, AMERICAN	R	R-3/30(45)	R	R	R	R-3/28(100+)	R	R	R	R
WOODPECKER, RED-HEADED	-	-	-	-	-	-	2/23-	R	R	2/2
CATBIRD, GRAY	-	-	-	-	-	-	-	2/26(30)	-	-
PIBIT, AMERICAN	-	-	-	-	-	-	1/20-3/16	-	-	-
SHRIKE, NORTHERN	-	1/1	1/25-28	1/1-3/10	1/6-3/10	-	-2/26	-	-	-
WARBLER, YELLOW-RUMPED	-	R	-	-	-	R	A(2)	-	A	-
PINE	-	-	3/27-	-	-	-	-	-	-	-
WOODPECKER, RED-HEADED	-	-	-	-	-	-	-	R	R	2/2
TOWHEE, EASTERN	-	-	3/30-	3/10-	-	-	A	R	R	-
SPARROW, AMERICAN TREE	-3/10(3)	A-3/9(23)	A	1/1-2/27	-2/1(28)-3/10	A	-3/22(4)	-3/2(25)	A	-2/21
CHIPPING	-	-	3/5	R	-	-	3/26-	-	3/17-	3/26-
FIELD	-	-	-	R	-	R	2/27(4)-	R	R	1/20
VESPER	-	-	-	-	-	-	-	-	-	-
WOODPECKER, RED-HEADED	-	-	-	-	-	-	-	R	R	2/2
SAVANNAH	-	-	-	-	-	-	-	R	R	-
FOX	3/3-28(2)	3/9-	3/27-28(20)-	2/28-3/4(7)-	3/24(4)-26	-	3/8(4)-25	3/21	3/17-30(6)-	3/25-
SWAMP	R	-	-	R	-	R	-	R	R	R
WHITE-THROATED	-3/5(2)	A-1/1(24)	-	1/1(9)-12	A-3/12(3)	A	A	R	A	A
WHITE-CROWNED	-	-	-	-	-	-	-	-	A	A
WOODPECKER, RED-HEADED	-	-	-	-	-	-	-	R	R	2/2
JUNCO, DARK-EYED	A	R-1/12(24)	R	A	A-3/10(14)	R	A	-	R	2/2
LONGSPUR, LAPLAND	3/8(4)-12	-	-	-	-	-	-	-	-3/3	2/21
BUNTING, SNOW	-3/12(250)	1/12(35)	-	-	-2/17(200+)-19	-	-2/16(50)	3/2(3)	-2/4	2/21
BLACKBIRD, RED-WINGED	3/10(5)-	3/2-30(34)-	-	A-2/1(50)	R-3/3(2000+)	R	2/26(4)-	R-3/30(1000)	2/23(10)	2/25-
MEADOWLARK, EASTERN	3/9-	3/16E-	-	-	3/24-	-	2/26-3/20(30)-	R	3/19(2)	3/14-
WOODPECKER, RED-HEADED	-	-	-	-	-	-	-	R	R	2/2
BLACKBIRD, RUSTY	3/7(2)	-	-	-1/20(3)	3/31(10)	-	3/25	3/23(120)	3/17-30(75)-	-
GRACKLE, COMMON	3/2(2)	2/25-3/9(55)-	2/25(2)-	R	3/1	R	2/26(25)-	R	2/25(5)	2/23-
COVIBIRD, BROWN-HEADED	2/10(50+)-	3/9(3)-	-	R	2/28-	R	R	R-3/10(4)	R	R
FINCH, PURPLE	2/29(2)	R	-	1/7-3/10	R	R	A-MAR(8)	A	A	A
REDPOLL, COMMON	3/1(3)-10	1/1(9)	A	1/6(4)	A-3/3(75+)	A-2/20(100+)	-2/4(40)-3/10	3/14(6)	1/16(3)	A-2/15(21)
WOODPECKER, RED-HEADED	-	-	-	-	-	-	-	R	R	2/2
SISKIN, PINE	-	1/1(6)	2/28(5)-	-	A-3/5(200+)	1/21-2/20(100+)	P	-	-	A
GROSBEAK, EVENING	-	-	P	-	A-2/20(65)	-	-1/2(14)	-	A-3/30(30)	-
LOON, COMMON	-	-	3/24-	-	3/27	FULTON	HUNTINGDON	INDIANA	JUNIATA	LACKAWANNA
GREBE, PIED-BILLED	3/22-	-	A	3/16	3/5(3)	3/27	1/1, 2/24-	3/23(2)-	-	-
HORNED	3/29-	-	FEB	3/27	2/28	2/28	-	3/22-30(12)-	-	3/31-
								3/5-30(4)-	-	3/31-

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	DELAWARE	ELK	ERIE	FRANKLIN	FULTON	GREENE	HUNTINGDON	INDIANA	JUNIATA	LACKAWANNA
RED-NECKED CORMORANT, DOUBLE-CRESTED	2/17-3/23(4)-31*	-	2/24-3/27(7)-	-	-	-	3/12	-	-	-
HERON, GREAT BLUE	A	-	-1/1	-	-	-	1/1	-	3/30(3)-	-
SWAN, TUNDRA	R	R	R	R	3/31(2)	R	A	1/11-3/25(2)-	-	A
MUTE	-	3/14-26	3/12-	3/18(30)	3/27(31)	-	1/1, MAR-	3/5-14(140)-	-	-
GOOSE, SNOW	2/25(500+)-3/2	-	-	R	3/19-27	-	-	-	1/20(3)	3/1
CANADA DUCK, WOOD	R	R	R	R	2/27-3/19(102)	R	R	R-3/11(373)	R	R
TEAL, GREEN-WINGED	3/1-22(10)-	-	3/27(2)-	3/13(3)-	A	-	3/13-	2/26-3/5(17)-	P	-
DUCK, AMERICAN BLACK	3/28	-	3/17-	3/13-	-	2/17(2)	-	2/26-3/26(48)-	-	-
MALLARD	R	R	R	R	-	2/17-3/24(21)	A	1/20-3/5(18)-	-	R
PINTAIL, NORTHERN	R	R-2/10(16)	R	R	-	R	R	R-1/28(149)	R	R
TEAL, BLUE-WINGED	2/24(8)	-	2/29-	3/18(8)	-	-	3/13	2/26-3/11(49)-	-	-
SHOVELER, NORTHERN	3/28	-	3/27(6)-	3/19(2)-	-	-	3/12-	3/19-22(20)-	-	-
GADWALL	-	-	3/16(2)-	3/25	-	3/17(2)-24	3/20	3/5(9)-	-	-
WIGEON, EURASIAN	-	-	A	-	-	-	2/28	2/26-3/22(6)-	2/8(2)	-
AMERICAN CANVASBACK	2/27	-	3/30-	1/30(3)-	-	-	-	2/26-3/22(98)-	-	1/8-
REDHEAD	-	-	A	3/18(2)	-	-	A	2/23-3/16(16)-	-	-
DUCK, RING-NECKED	-	-	A	-	-	-	2/4-3/21(2)	2/26-3/16(140)-	-	-
SCAUP, GREATER	3/1(153)-	-	A	1/30-	3/19-25(12)-	-	A	2/26-3/5(227)-	-	3/28
LESSER	-	-	A	3/16	3/5(8)-	-	P	3/11(4)-	-	-
OLDSQUAW	-	-	3/28(6)-	-	-	-	3/12-	2/17-3/30(60)-	-	-
GOLDENEYE, COMMON	-	2/6(2)	A	-	-	-	-	3/30(2)-	-	-
BUFFLEHEAD	2/27(3)-	1/13(2)	A	3/27	3/5-	-	-	2/26-	-	-
MERGANSER, HOODED	A-2/29(13)	-	2/25-	3/18	3/5(4)-	-	A	3/5(10)-	-	2/25-
COMMON	A-2/28(82)	1/13-2/19(45)-	A	3/13-19(62)	3/27-	-	A	2/14-3/5(11)-16	A	2/25-
RED-BREASTED	-	-	A	3/18(3)	3/25(4)-	-	2/28-	3/2-20(34)-	3/31(2)	-
DUCK, RUDDY	3/24(4)	-	3/28-	-	3/30(4)-	-	-	3/2-26(18)-	3/23(6)	-
VULTURE, BLACK	R	-	-	-	1/11-	-	R	A-2/25(16)	-	-
TURKEY	R	-	3/11-	R	3/2-	3/5-	A	2/25-	A	3/14-
OSPREY	-	-	-	3/31-	-	-	3/27-	-	-	-
EAGLE, BALD	2/17	2/2-3/20	P	3/13	-	-	A	-	-	-
HARRIER, NORTHERN	2/17-3/26	-	P	R	3/31(3)	-	3/18-	A	-	-
HAWK, SHARP-SHINNED	A	R	R	R	-	R	R	R	R	R
COOPER'S	A	R	R	R	1/1	R	R	R	R	R
GOSHAWK, NORTHERN	-	-	-	-	-	-	R	R	-	-
HAWK, RED-SHOULDERED	3/9-31	R	3/17(3)-	-	-	-	R	R	3/30-	-
BROAD-WINGED	-	-	-	-	-	-	-	-	3/30-	-
RED-TAILED	R	R	R	R	R	R	R	R	R	R
ROUGH-LEGGED	-	-	P	2/19	-	-	-3/24	-	-3/16	-
EAGLE, GOLDEN	-	-	-	-	-	-	3/10-(5)-	-	-	-
MERLIN	R	-	R	R	R	R	R	R	R	R
BOBWHITE, NORTHERN	3/28	R	3/14	-	-	-	-	-	-	-
COOT, AMERICAN	-	R	A	R	-	-	-	R	-	-
KILLDEER	3/15-	3/15-	3/9-	R	2/27(4)-	2/22-	1/1,3/13-	A-3/30(75)	-	A
YELLOWLEGS, GREATER	3/26-	-	-	-	3/31	-	-	2/27-3/19(5)-	-	3/14-
SNIPE, COMMON	3/28-30(3)	-	3/21-	-	-	-	-	-	-	-
WOODCOCK, AMERICAN	R	3/25-	MAR-	3/16(2)-	-	-	3/17-	-	A-3/16(4)	-
GULL, BONAPARTE'S	-	-	MAR-	-	-	-	2/25-	2/25-	-	3/17-
RING-BILLED	A	2/11-17(44)-22	A	-	2/28-3/14(33)-	-	-	-	-	-
HERRING	A	-	A	-	-	-	A	2/10-3/14(210)-	A	3/31
ICELAND	-	-	2/10-29(3)-	-	-	-	2/28-	2/10-3/14(6)-	A	3/31
LESSER BLACK-BACKED	2/17	-	3/2-	-	-	-	3/21	-	-	-
GREAT BLACK-BACKED	A	-	A	-	-	-	-	3/19	-	-
OWL, BARN	R	-	-	R	-	-	-	-	A	R

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	DELAWARE	ELK	ERIE	FRANKLIN	FULTON	GREENE	HUNTINGDON	INDIANA	JUNIATA	LACKAWANNA
BARRED	-	R	R	R	R	R	R	R	R	-
LONG-EARED	-	-	3/9-	-	-	-	-	-	-	-
SHORT-EARED	-	-	P	-	-	-	-	-	-	-
NORTHERN SAW-WHET	1/12-2/25	R	P	-	-	-	-	-	-	-
WOODPECKER, RED-HEADED	-	-	R	R	-	-	-	-	-	-
SAPSUCKER, YELLOW-BELLIED	1/18(2)-2/29	-	-	3/29	-	A	P	-	R	-
FLICKER, NORTHERN	R	-	R	R	-	R	R	R	R	-
PHOEBE, EASTERN	3/15-	3/31-	3/23-	3/19-	3/14-	3/17-	-1/13/17-	3/26(3)-	3/30-	3/31-
LARK, HORNED	JAN(55)-3/6	R	R	R	-	-2/10	-2/10	R-2/15(19)	R-1/6(150)	-
SWALLOW, TREE	3/15(6)-	-	3/20-	3/26-	3/31(2)-	3/24-	3/31-	3/20-30(4)-	3/16(3)-	3/31-
CROW, FISH	R	-	-	R	-	-	2/10-3/15	R	R	-
RAVEN, COMMON	-	R-3/31(6)	-	R	R	1/8-2/8(2)	R	R	R	-
CHICKADEE, BLACK-CAPPED	-	R	R	R	R	-	R	R	R	R
CAROLINA	R	-	R	R	-	R	P	R	-	-
NUTHATCH, RED-BREADED	A	A(3H)	A	A	-	A	R	R	R	-
CREEPER, BROWN	1/15-2/19	R(H)	R	R	3/14-29	-	R	R-1/16(4)	R	R
WREN, WINTER	-	-	-	-	A	-	R	R	-	-
KINGLET, GOLDEN-CROWNED	3/27(2)-	-	P	-	-	-	A	R-1/16(10)	R	-
RUBY-CROWNED	-	-	-	-	-	-	1/1	-	-	-
THRUSH, HERMIT	3/29-31	-	-	R	3/29	-	R	R-1/9(2)	2/18(2)	-
ROBIN, AMERICAN	R	R	R	R	A-3/29(247)	R-2/17(54)	R	R-3/22(63)	R	-
CATBIRD, GRAY	2/19	-	-	-	-	-	-	3/21(26)	-	-
PIPIT, AMERICAN	-	-	-	3/30(30)	-	-	-	3/8	-	A
SHRIKE, NORTHERN	-	-	A	-	-	-	-	A-3/19(2)	-	-
WARBLER, YELLOW-RUMPED	-	-	A	-	-	A-1/23(38)	1/1	3/20-30(2)-	-	-
PINE	3/25(3)-	-	-	-	3/3-	-	3/31(2)-	R	-	-
TOWHEE, EASTERN	R	-	R	-	3/31-	3/28-	-1/1	-	-	-
SPARROW, AMERICAN TREE	1/13-3/16	1/12(4)-3/29	A	-3/14(5)	-MAR(4)	-	A	-1/20(11)	A	A
CHIPPING	-	-	P	-	3/29-	3/31-	-	A(1)	3/30(2)-	-
FIELD	R	-	A	R	-1/8	-	R-1/1(25)	3/21	A	-
VESPER	-	-	-	3/25-	-	3/31-	-	-	-	-
SAVANNAH	-	-	-	3/25-	-	-	-	-	-3/10	-
FOX	A	3/15-26(3)-31	P	3/9	3/14(2)-	3/5	3/6-	A-3/28(4)	3/9	3/28
SWAMP	R	A	-	R	-	-	P	R	-	-
WHITE-THROATED	A	A-1/7(6L)	A	A	3/31	-	A	A-1/12(5)	A	-
WHITE-CROWNED	-	-	A	A	-	-	A	-	-	-
JUNCO, DARK-EYED	A	R(H)	R	R	A	-	R	A-1/7(46)	R	R
BUNTING, SNOW	2/22(35)-3/2	-	P	-	-	-	-	-1/9(54)-12	1/6(100+)	-
BLACKBIRD, RED-WINGED	1/29(10)-	2/28-	2/24-	R	A	3/2(25)-	-1/1,2/24-	2/25(42)	2/25-	2/26-
MEADOWLARK, EASTERN	2/8	-	3/14(4)-	R	A	3/14-28(10)-	2/15-	3/2-26(4)-	1/3(5)	-
BLACKBIRD, RUSTY	-	-	P	-	-	-	2/14-	3/21(3)-	-	-
GRACKLE, COMMON	1/16(2)-	-	-	R	A-2/27(10)	-	2/24-	2/27(3)-	2/25-	3/14-
COWBIRD, BROWN-HEADED	2/9-	-	-	R	A	1/19	R	1/30(40)-	-	-
FINCH, PURPLE	1/20-2/9*(3)-3/27	R	P	R	1/9	-	A	R-3/21(3)	A	R
REDPOLL, COMMON	2/16	A-3/9(170+H)	P	1/12-3/9	-	-	1/6(3)-	A-3/18(42)	1/21(15)	-
SISKIN, PINE	A-2/16(24)	A-1/28(25)	P	-	3/29	-	A	2/1(5)	A	-
GROSBEAK, EVENING	1/1(2)	A-3/28(63H)	A	2/19(30)	1/1(4)	-	A	A-2/16(70)	3/16(3)	-

	LANCASTER	LAWRENCE	LEBANON	LUZERNE	LYCOMING	MERCER	MIFFLIN	MONTGOMERY	MONTOUR	PHILADELPHIA
LOON, COMMON	P	3/30	-	-	-	-	-	-	3/23	-
GREBE, PIED-BILLED	A	3/2(4)-30	3/23(9)-	A	3/29(2)-31	-	-	3/2(2)-	3/26-31(4)	-3/25(4)-28
HORNED	P	-	3/23	3/28-29(2)-	3/31	-	-	3/20	3/24-30(6)	-
RED-NECKED	3/3-10(3)-24	-	-	3/8(2)	-	-	-	2/28-3/9(4)	-	3/16(2)
CORMORANT, DOUBLE-CRESTED	1/26	-	-	-	-	-	-	3/31	-	3/21(2)-
HERON, GREAT BLUE	A	R	3/23-	-1/9,3/8-	-	R	1/9	3/3-	3/27(3)-	A

SEASONAL OCCURRENCE TABLES - JANUARY THROUGH MARCH 1996

	LANCASTER	LAWRENCE	LEBANON	LUZERNE	LYCOMING	MERCER	MIFFLIN	MONTGOMERY	MONTOUR	PHILADELPHIA
SWAN, TUNDRA	A	1/10(40+)	3/2-	-	-	-	3/3(7)-4	2/28-3/17(119)-24	3/9(27)-31	3/4(36)-5
MUTE	P	-	-	-3/9	1/5-3/2	-	-	-	-	3/31
GOOSE, SNOW	A-MAR(100000H)	-	2/23-3/2(110000+)	R-3/15(400)	R	-	1/9-3/13(85)	2/10-3/31(210)	3/6-23(5000)-31	1/11-3/31(780)
CANADA	R	R	R	2/11-	R	R	R-3/10(58)	R	R-2/27(70)	R
DUCK, WOOD	P	3/9(6)-10	3/23-	1/18-3/31(30)-	3/25-	3/28-29(4)-	1/29(8)-3/13	2/18(2)-	3/17(6)-	3/10-25(7)-
TEAL, GREEN-WINGED	A	3/9(6)-10	3/1-	1/18-3/31(30)-	-	3/15	-	3/3-24(52)	3/31(6)	3/7-25(92)-
DUCK, AMERICAN BLACK	A	1/16-2/26(5)-	R	R-2/19(35)	R	2/25(11)	R-3/13(18)	A-2/15(110)	R	R-3/16(12)
MALLARD	R	R	R	R-2/19(400)	R	R	-	R	R	R-3/16(30)
PINTAIL, NORTHERN	A	2/26(20+)-3/16	3/2-	2/11-3/23(6)	3/31-	-	-	2/25-28(70)	3/2-22(30)-	2/15(4)-3/26
TEAL, BLUE-WINGED	P	3/16(12)-	3/29(7)-	3/17-29(6)-	3/31(7)-	-	-	3/21(2)-31	3/31(2)	2/19-3/31(8)
SHOVELER, NORTHERN	P	2/26-3/16	3/24-	1/1(2)	3/31(3)-	-	-	3/10(2)	-	3/11(28)-
GADWALL	3/1-	-	3/23(7)-	1/27-2/5	-	-	3/13(9)	3/3(8)	-	2/19-3/17
WIGEON, EURASIAN	-3/16	-	-	-	-	-	-	-	-	3/16
AMERICAN	A	1/6(4)-3/16	3/23-	3/9-22(8)	3/31-	-	1/24(5)	2/27(12)	3/23(2)-	1/6(8)-
CANVASBACK	2/10-3/10(9)	3/16(2)	-	1/18(27H)-2/13	-	3/23(8)	-	2/28(6)	3/16(2)	3/16(70)
REDHEAD	1/17-3/10(10+)	3/3-10(63)	-	-1/21 3/2-	-	-	-	3/12(3)-23	3/22(2)	3/16(4)
DUCK, RING-NECKED	A	2/26-3/14(200+)-	3/24(25)-	A-3/23(52)	3/16-31(13)	3/15(15)	3/13(4)	2/25-3/17(42)	2/26-3/23(78)-	3/16(70)
SCAUP, GREATER	2/19-3/24(2)	3/14-16	-	A	-	-	-	-	3/26	3/26
LESSER	A	3/16(3)	-	3/6-9(2)	3/31	-	-	2/28(6)	3/2-23(28)-	3/16(12)
OLDSQUAW	1/14-17	-	-	-	-	-	-	-	-	-
GOLDENEYE, COMMON	A	-	-	1/1-2/12(25)-3/9	-	-	-	3/31	-	1/5
BUFFLEHEAD	P	2/26(4)-3/9	3/23(2)-	A-2/12(35)	3/29(10)-31	-	3/13(18)	2/24	3/6-31(20)-	2/22(10)-3/25
MERGANSER, HOODED	A	3/10(11)	3/23(4)-	A-3/8(25)	3/16(6)-31	3/21	3/8-13(8)	2/10-3/9(25)	3/22-3/1(12)-	1/5-3/16(10)-
COMMON	A	3/16	3/23(4)-	R-2/12(300)	1/5-3/23(10)-31	3/25	1/24(29)-3/1	2/10-3/2(210)	1/20-3/21(100)-	1/4(188)-3/25
RED-BREASTED	-	3/9(31)	-	3/21	-	3/29	3/1(3)	3/23(2)	3/23(20)-	-
DUCK, RUDDY	P	3/16	3/23(3)-	-	-	-	-	-	-	1/30(49)-3/26
VULTURE, BLACK	R	-	R	-	-	-	3/10(5)-12	R-2/25(12)	3/31(2)	3/31(2)
TURKEY	R	3/16(3)-	R	3/14-18(17)-	2/28-	3/25	R	R	3/16(3)-	1/5-3/18(24)-
OSPREY	-	-	-	-	-	-	-	3/26-	-	-
EAGLE, BALD	R	-	-	P	-	3/23(2)-27	-	3/3-31	-	-
HARRIER, NORTHERN	1/30-2/1	R-3/23(3)	3/1	-	-	-	3/16	1/27-3/4(3)-	3/2-	-
HAWK, SHARP-SHINNED	A	R	R	R	R	R	R	A	A	R-3/31(8)
COOPER'S	A	R	R	R	R	R	R	R	A	1/6-
GOSHAWK, NORTHERN	-	-	-	3/24	-	-	-	-	-	-
HAWK, RED-SHOULDERED	R	-	R	1/14-	3/30(2)	R	3/16	R	-	1/5-3/31
BROAD-WINGED	3/13E-	-	-	-	-	3/25E-	-	-	-	3/31(2)-
RED-TAILED	R	R	R	-	-	-	-	-	-	-
ROUGH-LEGGED	1/14-30	-2/26(4)-3/15	1/28	-	1/2	-3/25	1/29-3/14	-2/10(2)-3/3	1/28-	1/1-3/17
EAGLE, GOLDEN	-	-	-	-	-	-	3/3-24(8)-25	-	-	-
KESTREL, AMERICAN	R	R	R	R	R	R	R	R	R	R
MERLIN	1/20	-	-	-	-	-	-	2/10-3/23	-	-
BOBWHITE, NORTHERN	R-2/22(6)	-	-	-	-	-	-	-	-	-
COOT, AMERICAN	3/1-	3/9(3)-10	3/23(12)-	A-1/9(30)	3/27-31	-	R	1/28-2/25	3/30(2)-	2/19-3/25(4)-
KILLDEER	R	3/14L-	2/23-	3/2(4)-	2/27-	3/14(3)-	A-2/15(15)	R	3/16(2)-	R
YELLOWLEGS, GREATER	-	-	-	3/27E-	-	-	-	-	-	3/22
SNIPE, COMMON	A	3/30(2)-	-	-1/7 3/23(2)-	-	-	-	3/21	-	3/25(32)-
WOODCOCK, AMERICAN	P	2/25-	3/23(2)-	2/12E-	3/21(6+)-30	3/15-	3/4-	3/1-15	-	3/14(10)-
GULL, RING-BILLED	A	2/25(22)	1/28-	A-2/26(50)	3/16-31(62)	A-3/23(3000)	-	A	2/28(38)-	A-3/16(350)
HERRING	A	2/26-3/14	2/11	A-1/1(4)	3/31	-	-	A	3/13	A-3/16(25)
ICELAND	-1/17	-	-	-	-	-	-	3/16-17	-	-
LESSER BLACK-BACKED	A	-	-	1/24-2/25	-	-	-	3/31(2)	-	A-1/1(10)
GREAT BLACK-BACKED	R	-	R	R	R	-	-	-	-	-
OWL, BARN	R	R	R	R	R	R	-	-	-	-
BARRED	R	R	R	R	R	R	-	-	-	-
LONG-EARED	-	3/19-30	-	-	-	-	-	-	-	1/6-3/17(2)
SHORT-EARED	-2/16(2)	A(3)	-	-	3/27	-	-	3/2(2)-4	3/1-27	-
NORTHERN SAW-WHET	-2/18	-	2/23	-	R	-	-	-	-	2/17

SEASONAL OCCURRENCE TABLES - JANUARY THROUGH MARCH 1996

	LANCASTER	LAWRENCE	LEBANON	LUZERNE	LYCOMING	MERCER	MIFFLIN	MONTGOMERY	MONTOUR	PHILADELPHIA
WOODPECKER, RED-HEADED	R	-	-	2/17E	3/25-26	-	-	-	-	-
SAPSUCKER, YELLOW-BELLIED	P	-	1/21(2)	3/31	3/29(2)-	-	-	A-2(2)(5)	-	1/6(2)-2(23
FLICKER, NORTHERN	R	A	R	3/30-	R-3/1(18)	3/31L-	R	R	1/7(2),3(31)-	R
PHOEBE, EASTERN	3/16-	3/22L-	2/10(2)-	R-3/1(18)	R-3/1(18)	R	R	3/14-	3/29-	2/22-3/25(3)-
LARK, HORNED	R-2/17(75+)	1/18-2/4(1200+)-	2/10(2)-	3/17-30(20)-	3/30(25)-	-	-	2/5(35)	A-3/7-10(250)	-
SWALLOW, TREE	3/31-	3/30L-	R	R-3/23(6)	2/26-	-	-	3/17-	3/31(6)-	3/15-25(25)-
CROW, FISH	R	-	R	R-3/23(6)	R	R	R	2/15-	R	R
RAVEN, COMMON	-	-	2/11	R-1/31(6)	R	R	R	R	R	1/6-3/18
CHICKADEE, BLACK-CAPPED	R	R	R	R	R	R	R	R	R	R
CAROLINA	R	-	R	-	A	A	-	R	-	-1/8
NUTHATCH, RED-BREASTED	P	A	-	R	A	A	-	A	-	-1/4(5)-3/25
CREEPER, BROWN	P	A	1/21-	R	R	1/8	1/29	A	-	-3/25
WREN, WINTER	P	-	2/11	3/23	3/16	2/9(2)	R	A	A	-3/25
KINGLET, GOLDEN-CROWNED	A	A-2/18(3)	-	A	R	-	-	-	A	3/30
RUBY-CROWNED	A	-	A	-	2/18	-	-	-	-	-3/30
THRUSH, HERMIT	A	-	A	-	R-3/29(300+)	R-2/11(30+)	R	R	R-3/23(13)	R
ROBIN, AMERICAN	R	R	R	R	-	-	-	A	-	-
CATBIRD, GRAY	-	-	-	-	-	-	-	-	-	-
PIBIT, AMERICAN	P	-	2/23-	-	-	-	-	-	3/23-31(40)	-
SHRIKE, NORTHERN	1/28	2/18	-	-3/24	-	-	-	3/17-18	-	-
WARBLER, YELLOW-RUMPED	A	-	1/31-2/11	3/16E-	R	R-3/21(3)	-	A	-	3/30(2)-
PINE	3/28	-	-	3/16E-	-	-	-	3/25(6)-	-	3/24-27
TOWHEE, EASTERN	R	3/24-	-	-	-	A*	-	A(4)	-	R
SPARROW, AMERICAN TREE	-2/17	A(H)	A	-3/23	-3/28(4)	A-1/7(5)	-	A	A-1/12(85)	-2/25(4)-3/25
CHIPPING	P	R	3/23(2)-	-	-	-	-	-	-	-
FIELD	R	R	R	-	3/30-	*	R	R	-1/20	R-2/2(12)
VESPER	R	-	-	-	-	-	-	-	-	-
SAVANNAH	R	3/30L-	R	-	-	-	-	2/28	-	-
FOX	P	-	3/19-	3/17-22	3/21-26(2)	-	3/3(3)-	A	3/17(2)	3/3-30(4)
SWAMP	R	R	R	-	R	-	-	-	-	-
WHITE-THROATED	A	A	A	A	-	1/7-	A-3/25(8)	A	1/18(2)-	A-1/7(25)
WHITE-CROWNED	-2/17(2)	1/17(7)-3/7	-	A	-	-	A-3/30(7)	-	1/4-	-
JUNCO, DARK-EYED	A-2/17(25)	A	A	R	R	A	A-3/12(21)	A	A	A-1/7(25)
LONGSPUR, LAPLAND	-2/17(7)	1/19	-	-	-	-	-	-	1/7-3/9(18)-10	-
BUNTING, SNOW	-2/17(12)	1/18-20(1200)	-	-	-	-	-	-	1/7-10(29)-3/10	3/2(52)
BLACKBIRD, RED-WINGED	R	P	R	2/26-	R-3/29(12)	2/3-25(3)-	-	-	2/29-3/3(50)-	-
MEADOWLARK, EASTERN	R	1/2	3/15-	3/22	-	-	3/9(8)	3/23(3)-	3/24(6)-	FEB
BLACKBIRD, RUSTY	-	-	2/11-3/29(20)	3/22	-	-	-	-	3/3(3)	3/3(2)
GRACKLE, COMMON	R	-1/1,2/26-	R	2/26-	2/26-	2/25(2)-	3/9(13)	-	2/28(15)-	R-2/24(10)
COWBIRD, BROWN-HEADED	R	1/17(44H)-	R	2/26-	3/7-	3/15-	2/10(9)	3/14-	3/14(70)-	R
FINCH, PURPLE	A	-	1/21-2/11(38)	R	R	3/29	3/19(3)	3/20(18)-24	-	1/6(2)-2/24
REDPOLL, COMMON	1/8-2/29(29)-	1/3(2)-7	-	A-3/9(100)	2/7-3/21(200+)-26	3/3-8	1/6-3/4(27+)-31	A	2/9(2)-3/9	-
SISKIN, PINE	-	-	-	P	A-2/21(14)	1/16-2/22(2)-	A-3/31(5)	1/28(5)-3/31	-	1/21
GROSBEAK, EVENING	-	-	1/3(8)	-	-	-	A-2/8(42+)	-	-	-

	POTTER	SCHUYLKILL	SOMERSET	SULLIVAN	TIOGA	VENANGO	WARREN	WESTMORELAND	WYOMING	YORK
LOON, COMMON	-	-	3/23(6)-	3/31(2)	-	3/30	-	3/17-	1/28	3/14-31
GREBE, PIED-BILLED	3/26-	2/27(2)-3/31	1/7-3/17(3)-	-	3/26	3/0-	1/22(6)-2/6	2/28-	3/23-	A
HORNED	2/28(2)-	3/30	3/8(4)-	-	3/22(5)	3/23-	-	2/27-	3/28-	3/14-23
RED-NECKED	-	-	1/7-	-	-	3/23-24	-	3/9(2)-	-	1/20,3/10-31
CORMORANT, DOUBLE-CRESTED	-	-	-	-	-	-	-	-	3/24E	-
HERON, GREAT BLUE	3/15-	A	3/30-	3/20-	R-2/20(34+)	R	R	R	3/25-	R
SWAN, TUNDRA	-	3/10(3)	3/8-17(27)	-	3/16	3/10-24(14)	1/1-3/15(200)-25	1/17-3/15(27)-	-	1/26-
MUTE	-	-	-	-	-	-	R-3/28(3)	A	-	-1/26
GOOSE, SNOW	3/14	1/22(2)-2/20	-	-	3/2(11)-31	-	-	-	-	A

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	POTTER	SCHUYLKILL	SOMERSET	SULLIVAN	TOIGA	VENANGO	WARREN	WESTMORELAND	WYOMING	YORK
CANADA	R	R-1/3(150)	R-1/13(254)	2/26-3/14(1400)-	2/26-3/14(1300+)-	R-1/1(76)	R	R	R-1/18(200)	R
DUCK, WOOD	A	R-3/12(6)	3/14-17(6)-	3/20(6)-	3/12-25(30)-	A	2/26(2)-	2/26-3/19(35)-	1/19,3/28(13)-	R
TEAL, GREEN-WINGED	-	3/5-30(4)	3/1(6)-	-	3/22(9)-	3/31	1/6,3/24(20)-	2/6(4)-	2/17-3/29(6)-	R
DUCK, AMERICAN BLACK	R	2/27-3/20(6)	A-1/13(119)	3/20(2)-	R	-1/1(14)-3/23	3/24	R-2/26(70)	A-1/1(45)	A
MALLARD	R	1/7(600+)-	1/7(600+)-	-	R-3/29(43)	R-1/1(300)	R	R	R	R
PINTAIL, NORTHERN	3/10	2/11(8)-3/20	3/1-30(10)	-	3/22	-2/24	3/26(2)	2/6-26(13)	-	2/19-
TEAL, BLUE-WINGED	-	3/28(2)-30	3/16-23(12)-	-	3/22	3/30-	3/24(10)-	3/29(6)-	-	3/24-
SHOVELER, NORTHERN	-	P	2/8(6)	-	3/16	-	3/24(2)	3/29(5)-	-	-
GADWALL	3/15-	P	1/16-3/23(3)-	-	3/16	3/31(6)	-	2/23-	1/1	2/24-
WIGEON, EURASIAN	-	-	-	-	3/26	-	-	-	-	-
AMERICAN	3/26	P	3/2-23(58)-	-	3/10	3/10	3/24(40)	2/26-3/3(12)-	-	3/2-
CANVASBACK	2/9	2/26-3/14(2)	1/7-2/28(40)-	-	-	-	1/23-2/6(2)	2/12-3/1(6)-	-	-
REDHEAD	3/15(9)	1/1(20)*	2/4-3/23(56)-	-	2/28	-	-	2/17-3/1(15)-	-	2/17-3/24
DUCK, RING-NECKED	3/15	3/1-28(35)-30	2/28-3/8(100)-	-	3/15-	2/25-	3/24(30)-	2/9-3/16(86)-	-1/1,3/28-	-1/16,3/2-25
SCAUP, GREATER	2/17(2)	-	3/8-17(25)-	-	3/15-	1/1-3/27(2)	-	3/9-16(27)-	-	3/14-
LESSER	-	3/31(2)	1/13-3/23(20)-	-	3/25(2)	1/1-3/31(2)	1/6,3/15	2/26-	-	3/14-30
OLDSQUAW	3/15	3/30	-	-	3/15	-	-	2/27(4)-	-	3/12-27
GOLDENEYE, COMMON	2/22	2/2-3/30	1/7-2/28(28)-	-	3/15	A-1/1(235)	A	1/31(7)-	-	-
BUFFLEHEAD	-	3/30(3)	1/13-14(13)-	-	-	A-3/9(11)	A	1/30-3/27(10)-	2/6-	A
MERGANSER, HOODED	1/27	2/20-3/12(20)	1/7-13(30)-	-	3/1-29(28)	A-3/30(24)	R	2/24(2)-	2/3(7)-	-1/10,3/2-
COMMON	2/22	A-2/10(50)	3/3-18(9)-	2/10(2)-	R-3/29(74)	R-1/1(56)	R	A-1/27(24)	R-2/18(61)	2/10-
RED-BREASTED	3/3	-	3/28-23(76)-	-	3/13-29(12)	3/10-	3/12	2/26-3/17(60)-	-	2/19-3/16
DUCK, RUDDY	-	-	2/28-3/8(6)-	-	-	-	-	3/27(13)-	-	3/30(10)
VULTURE, BLACK	-	2/17(3)-	-	-	-	-	-	-	-	R
TURKEY	3/16-	2/9-	2/28(2)-	3/16-30(20)-	3/13-25(185)-	3/4-	-	3/1(4)-	3/2-	R
OSPREY	3/13-	-	-	-	3/19-	-	-	3/29-	-	3/31E-
EAGLE, BALD	-	1/13-2/22	-	-	R	1/28-3/10	R	-	2/19	R
HARRIER, NORTHERN	3/16-	2/11	R	-	3/1-	3/23-	3/9	P	-	A
HAWK, SHARP-SHINNED	R	A	R	R	R	R	R	R	-	A
COOPER'S	A	1/27-3/9*	R	R	R	R	R	R	-	R
GOSHAWK, NORTHERN	R	-	1/1	-	-	2/18-3/13	R	-	-	R
HAWK, RED-SHOULDERED	-	1/22-3/25	-	-	-	A	3/1	R-2/10(3)	1/1	R
BROAD-WINGED	-	-	-	-	3/19-	-	-	-	-	-
RED-TAILED	R	R	R	-	-	R	R	R	R	-
ROUGH-LEGGED	A	2/2(2)-3/16	-1/14(17)-3/20	-	-3/8	A-1/27(15)	A-3/10(7)	A-1/16(3)	-2/2(2)-3/16	-
EAGLE, GOLDEN	-	2/27(2)-3/5	3/29(21)*	-	-	-	-	-	-	-
KESTREL, AMERICAN	R	R	R	R	R	R	R	R	-	-
MERLIN	-	-	-	-	-	-	-	-	-	1/1-3/11
BOBWHITE, NORTHERN	-	R	R	-	-	-	-	-	-	-
COOT, AMERICAN	-	3/10-28(2)	2/28-3/31(25)-	-	-	-1/1,3/30	1/22(4)-	1/30(11)-	-	A
KILLDEER	3/17-	2/28(2)-	3/6(3)-	3/20-	2/26-	3/1-	-	R	3/23(10)-	2/28-
SNIFE, COMMON	3/3	3/25	3/3-10(3)-	-	-	-	-	3/11(2)-	-	-3/25
WOODCOCK, AMERICAN	3/15-	2/26(2)-	3/30(2)-	3/20(3)-	3/29-	3/13-	-	2/26-	-	2/23-
GULL, BONAPARTES	-	-	3/30(6)-	-	-	-	-	-	-	-
RING-BILLED	2/22-	2/25(100+)-27	1/13-3/17(128)-	-	2/19-3/25(300)-	1/1-3/2(250)	A	A	2/25(50)-3/7	A
HERRING	3/20	2/27(2)-3/5	3/9(3)	-	3/13-25(20+)-	3/23-	A	2/28(8)-	1/27-2/10(2)	A
GREAT BLACK-BACKED	-	-	-	-	-	-	1/6(4)	-	-	A
OWL, BARN	R	R	-	-	-	-	-	R	-	R
BARRED	R	R	R	R	R	R	R	R	-	R
LONG-EARED	-	-	-	-	-	2/7-3/14	-	-	-	-
SHORT-EARED	-	-	3/1(2)	-	-	2/10-3/18	-	1/16(2)-	-	-
NORTHERN SAW-WHET	-	R	R	R	R	2/4-3/10(4)-29	A(2)	-	-	P(2)
WOODPECKER, RED-HEADED	-	-	-	-	3/26	-	-	1/25-	-	R
SAPSUCKER, YELLOW-BELLIED	1/15	-	R	-	-	-	-	A	-	-3/10
FLICKER, NORTHERN	-	R	R	-	A	R	R	R	3/31-	R
PHOEBE, EASTERN	3/25-	2/11E-	3/30-	3/25L-	3/31-	3/29-	-	3/3-	3/31-	3/15-
LARK, HORNED	A	2/25(60)	R-1/14(200)	-	R	A-2/17(100±)	R	R-2/15(170)	R-2/26(2)	-1/28(30)

SEASONAL OCCURRENCE TABLES - JANUARY THROUGH MARCH 1996

	POTTER	SCHUYLKILL	SOMERSET	SULLIVAN	TIOGA	VENANGO	WARREN	WESTMORELAND	WYOMING	YORK
SWALLOW, TREE	3/25-	3/14-	3/31(5)-	-	3/31-	3/29-	3/26(15)-	3/17(2)-	3/26-27(10)-	3/24-
CROW, FISH	-	3/1-30(3)-	-	-	-	-	-	-	-	R
RAVEN, COMMON	R	R	P(5)	R	R	2/24	R	R	R	3/18(2)-
CHICKADEE, BLACK-CAPPED	R	R	R	R	R	R	R	R	R	R
CAROLINA	-	-	-	-	-	-	-	-	-	R
NUTHATCH, RED-BREASTED	R	-1/4	1/21(3)	R(5)	R	2/3-	-	A	P	-2/16
CREEPER, BROWN	A	R	R	R	R	R	R	R	R	A
WREN, WINTER	-	-	R	-	-	-	-	R	-	-
KINGLET, GOLDEN-CROWNED	-	A-3/30(6)	R	R	A	A	R	R	R	-1/6
THRUSH, HERMIT	-	3/15	R	R	R	R	R	R	-	3/11
ROBIN, AMERICAN	-	R	R	3/11L-18(50)-	R-3/29(34+)	R	R	R	-	R
PIPET, AMERICAN	-	-	3/206	-	-	-	-	3/23	-	-
SHRIKE, NORTHERN	1/7	-	R	-1/10	1/1-3/6	1/27	1/6-2/18(2)	2/6-13	P	-
WARBLER, YELLOW-RUMPED	-	3/16	R	-	-	-	3/8	A-1/16(50)	-	A
PINE	-	-	-	-	-	-	-	-	-	3/29
TOWHEE, EASTERN	-	A*	-	-	-	-	A(2)	R	-	A
SPARROW, AMERICAN TREE	A	A-1/10(3)	A-(20)	A-2/26(12)	-3/16(13)-31	A	A	A	-3/30	-3/26
CHIPPING	-	-	-	-	-	-	-	3/19-	-	3/31-
FIELD	-	R	-	-	-	-	R	R	-	R
VESPER	-	-	-	-	-	3/30-	-	R	-	-
SAVANNAH	-	-	-	-	-	-	-	3/29-	-	-
FOX	3/15	2/29-3/31(6)	3/15-31(6)	3/17(2)-	3/17-	-	3/19(3)-25	3/6-	3/28(3)	-3/26
SWAMP	-	-	-	-	-	-	-	R	-	R
WHITE-THROATED	A	A	1/10	R	-	-2/11	R	A	P	A
WHITE-CROWNED	-	2/7(3)	-	-	-	-	-	-	-	-3/16
JUNCO, DARK-EYED	R	A	R	R	R	R	R	R	R	A
LONGSPUR, LAPLAND	-	-	1/14-15(3)	-	2/17	2/17	-	2/2-16(2)	-	-
BUNTING, SNOW	JAN	2/17(7)	1/14-2/4(200)	-	1/4(30)	1/7(23)	1/1-6(30-60)	2/15-16(40)	-	-
BLACKBIRD, RED-WINGED	-	2/27(6)-	R	2/26(8)-	2/27-3/25(23)-	-1/6.3.31-	3/3(50+)-	R	3/15-	R
MEADOWLARK, EASTERN	-	3/24(3)-	R-1/1(9)	-	3/31-	3/30-	3/10-26(12)-	R-1/17(10)	3/23(3)-	3/7-
BLACKBIRD, RUSTY	3/16	-	-	-	-	3/24-	3/26(100+)	P	-	3/10
GRACKLE, COMMON	3/2-	2/21-	1/29	2/26(2)-	R-2/29(40)	2/25-	2/26-3/3(50+)-	R-3/9(300)	3/23-	R
COWBIRD, BROWN-HEADED	3/17-	2/27(6)-	R	R-3/29(4)	3/24-	3/31-	-	R	3/23-	R
FINCH, PURPLE	R	-1/1(8)-13	R	R	R	R	R	R	-	A
REDPOLL, COMMON	A	1/25-2/22(5)-3/24	-2/16(12)	1/13-3/25(25)-	1/21(45)-	2/2(40)	1/19-FEB(24)-3/9	A-3/13(50)	1/5-2/4(11)	2/18(16)
SISKIN, PINE	A	1/1-3/27(5)	-3/13(2)	-	-	2/24(20)-3/24	1/1-3/25(10)	A	1/5	-
GROSBEAK, EVENING	A	-	A-(100+)	A-2/12(40)	-	A-3/23(14)	JAN(50-150)-	A	A-JAN(35)	3/8-11

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We welcome **David Hawk** as the new compiler for *Carbon* and thank Bernie Morris for nine years of submitting reports from that county.

We also welcome **Dan Snell** as the new compiler for *Fulton*. It will be nice to finally have reports from this area.

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