



## *Lancaster County Bird Club*

Lancaster, Pennsylvania

Founded December 8, 1937

to secure the cultivation of public sentiment in the  
preservation of our native bird life.

### Research Issue 2018

This 29th edition of the Lancaster County Bird Club's Research Issue documents the club's special projects in Lancaster County for the year 2018. It reflects the dedication and hard work by many of our members in the pursuit of the LCBC's purpose to record the county's bird life. The Count Coordinators and the Officers and Board of Directors of Lancaster County Bird Club extend a special thank you to all the volunteers who commit their time and talents to support these important surveys. As stated on Audubon's Christmas Bird Count web site "each of the citizen scientists who annually braves snow, wind, or rain, to take part in the Christmas Bird Count makes an enormous contribution to conservation. Audubon and other organizations use data collected in this longest-running wildlife census to assess the health of bird populations - and to help guide conservation action."

I encourage members to take an active part in collecting this data. Whether this is by participating in the Pennsylvania Migration Count, Christmas Bird Counts, or entering your sightings into eBird. There are volunteer opportunities available for birders of all abilities. Please contact the count coordinators listed with the reports if you would like to help.

This year's issue includes the following reports:

1. Pennsylvania Migration Count
2. Christmas Bird Count Overview
3. Southern Lancaster County Christmas Bird Count
4. Lancaster Christmas Bird Count
5. Lititz Christmas Bird Count
6. Lancaster County Year List

Mike Epler  
Editor  
Research Issue 2018

## PENNSYLVANIA MIGRATION COUNT BY DEREK STONER

The 2018 Pennsylvania Migration Count (PAMC) took place on Saturday, May 12. More than 50 birders took part in this citizen science survey in Lancaster County, covering major parks and natural areas as well as private properties in the county.

With 81 checklists submitted on the day, a total of 172 species were reported by these dedicated observers (after a total of 140 species in 2017). Overall, the day featured cloudy and cool conditions with frequent light rain throughout the coverage area. In some areas, heavy thunderstorms in the pre-dawn hours are thought to have “put down” birds and great fall-out type conditions with concentrations of migrant songbirds.

An excellent selection of breeding birds and migrants were found in Lancaster County during the course of the day, with all of the expected species of vireos, woodpeckers, sparrows, and wading birds being counted.

An outstanding total of 34 species of warblers is about six above the long-term average (after only 23 species found in 2017), and numbers of these neo-tropical birds seemed to be very strong on this particular day of spring migration. Multiple groups found 15+ species of warblers, and one studious observer recorded 19 species while birding solo.

Fourteen species of shorebirds were highlighted by the discovery of a Sanderling and three Dunlin on the Conejohela Flats, along with a lingering Wilson’s Snipe at Middle Creek. Nine species of waterfowl is about average, and this year's count featured lingering Bufflehead and Common Merganser as well as a Surf Scoter on the Susquehanna that likely stopped in due to the heavy rain. Grassland-specialist songbirds like Grasshopper Sparrow, Vesper Sparrow, Bobolink, and Eastern Meadowlark were found in multiple locations.

Noteworthy, “not-found-every-year” birds include Virginia Rail, Yellow-crowned Night-Heron, Black-billed Cuckoo and Red-headed Woodpecker. In the “lingerer” category, Dark-eyed Junco, Yellow-bellied Sapsucker, and Ruby-crowned Kinglet are notable.

The overall species count is about 20 above average and this may be due to the slower-than-normal progression of migration during early May, with extended stretches of winds out of the north limiting migrant movement. The shift to winds from the south in the days before the PAMC event seemed to allow for an opening of the proverbial floodgates of migration. Many people commented that this day afield was their best Spring Migration birding in a long time. All told, the observers afield experienced an outstanding variety of bird species during this particular day of Spring Migration in our section of Southeastern Pennsylvania.

## CHRISTMAS BIRD COUNT 2018 OVERVIEW BY MIKE EPLER

In 2018 there were 78 Christmas Bird Counts held throughout Pennsylvania. The counts sponsored by the Lancaster County Bird Club are consistently some of the most successful in the state. After being the top count last year with a count of 107 species, Southern Lancaster County fell to seventh in the state with 89 species. The Lancaster count was also down slightly from the previous year to eleventh place with 84 species. The Lititz count was the top count in the state with 102 species. These counts were all well above the state average of 65 species.

The success of these counts is partly due to the excellent and varied habitat in the county. But, it is mainly due to the dedication and hard work of count organizers and volunteers.

## SOUTHERN LANCASTER COUNTY CHRISTMAS BIRD COUNT BY BOB SCHUTSKY

The 43rd annual Southern Lancaster County Christmas Bird Count (Solanco CBC) was conducted on Sunday, December 16, 2018. The temperature ranged from 38° to 43°F with winds from the north at 10 to 15 mph. The river, lakes, and ponds were mostly ice-free. A total of 89 species was tallied, well below the annual average of 102. The low number of species and individual birds was most certainly due to the weather on count day, which was not at all conducive to birding. It was foggy and misty all morning, with light rain. When the fog began to clear at lunch time, the rain arrived in earnest. It poured! The rainy conditions kept some people in their cars, with little or no walking. But most of the folks stopped birding much earlier than usual and called it a day. Forty-eight birders participated, plus nine feeder watchers. Everyone agreed that the wet weather and poor visibility made it a very tough day for a Christmas Count.

An immature Trumpeter Swan was found on a pond at Pilgrims Oak Golf Course, two miles north of Wakefield. It was observed and photographed at 3pm on count day and was not seen again during the entire following week, even with numerous people looking for it. This was a new species the Solanco CBC, which brings the 43-year composite list to 176 species

There was a Red-headed Woodpecker at Octoraro Lake, the first one found on the count since 2013. This species has never been common but was observed more regularly in the early years of the CBC.

In addition to the more common gull species, two Bonaparte's Gulls and two Lesser Black-backed Gulls were attracted by chumming the entire day from the Peach Bottom Village shoreline of the Susquehanna River. Thanks to Musser's Market at the Buck for donating a large amount of day-old bread to the effort.

Nine species that are usually observed, sometimes in large numbers, were NOT observed on this year's count.

Species that were missed include:

Snow Goose, seen most years, record high was 79,000 in 1994.

Wilson's Snipe, missed only once, record high was 35 in 1984.

Merlin, first found in 1985, seen every year except one since 2007, record high was 4 in 2012.

Peregrine Falcon, first seen in 1991, rarely missed since 1997, record high was 6 in 2016.

Common Raven, first seen in 2011, seen annually until this year, record high was 9 in 2016.

Gray Catbird, seen 7 of the first 12 years and missed only once since then. Record high was 10 in 2005.

American Pipit, seen almost annually, record high was 822 in 1998.

Rusty Blackbird, seen 33 out of 43 years, record high was 85 in 2008.

American Tree Sparrow, recorded annually except 2018. Record high was 230 in 1976, first year of the count.

The results of this year's count, and all the Solanco CBCs for each year since it was established in 1976, can be found on Audubon's website using this link: <https://www.audubon.org/conservation/science/christmas-bird-count>. To see the results, scroll down the page, click the 'CBC Results' Box, and follow the directions at the top of the page. The Solanco CBC code is PASL.

Just a reminder, the CBC relies totally on donations to manage the historic database and to fund the technology needed to make the data available to participants and researchers. Information about donating can be found at the above link.

I thank each of this year's participants for your dedication and perseverance in the less than favorable weather conditions and hope to see you back again next year. The date of the 2019 count is Sunday, December 15. Please join us for as great day of birding in Southern Lancaster County!

## LANCASTER CHRISTMAS BIRD COUNT BY BARBARA HUNSBERGER

The 2018 Lancaster CBC was held on January 5, 2019. The weather was mostly cloudy all day with light rain showers in the morning with temperatures in the mid-thirties to mid-forties in the afternoon. There were 40 participants in the field and 18 participants conducted counts at feeders. Despite the less than ideal conditions, 78 different species were tallied.

The Black-throated Gray Warbler found at Noel Dorwart Natural Area on October 13, 2018 was still present in the park for the Lancaster CBC.

Other highlights included one Cackling Goose, two Virginia Rails, one Iceland Gull, one Lesser Black-backed Gull, one Common Yellowthroat and two Hermit Thrush.

High counts for 2018 were 18 Yellow-rumped Warblers, 17 eastern Towhee, 17 Red-breasted Nuthatch and over 11,000 Ring-billed Gulls.

Low counts of 14 Cedar Waxwings, two Red-winged Blackbirds, and 3294 European Starlings were also reported. Waterfowl, raptors and woodpeckers were also reported in lower numbers than last year.

The overall number of birds counted in 2018 was 45,779 which was about double the number for 2017 and similar to 2016 which had 49,182 birds.

A special thank you is extended to Roger Stoner for organizing the volunteers with me. Our count area is a large one and we need additional volunteers for the 2019 Lancaster CBC which will be held on January 4, 2020. Please contact Roger Stoner at 717-393-9030 if you would like to volunteer.

## LITITZ CHRISTMAS BIRD COUNT BY TED NICHOLS

The 2018 Lititz Christmas Bird Count (CBC) was held on Dec. 30, 2018. The count was established in 1905 and is centered on Brickerville. The count covers portions of Lancaster and Lebanon Counties and benefits from covering all Middle Creek WMA.

The Lititz CBC had the good luck to be held on one of the best day weather-wise of this CBC season. That luck also translated into the count recording the highest species count in the state with 102 species -- 2 more than the Bucks County count. For historical perspective, the last time the count was the top site in Pennsylvania was in 1924 -- and the species count was only 31!!!

Weather on the count day was cloudy in the morning and clear in the afternoon. A low temperature of 33° Fahrenheit was recorded with a high of 45° Fahrenheit. There was no snow on the ground.

Participation continues to rise for the count and we had 19 more participants this year than last with 47 total people participating. A concerted effort continues to be made to recruit feeder watchers for the count to capture this data in more suburban areas of the count. Data on these "common" birds such as White-throated Sparrows and Dark-eyed Juncos are important to population trends.

The count also continues to see a steady increase in the amount of time dedicated to owling. Those efforts also paid off with Lititz being the top owling site in the state this year with 78 total owls observed. Totals included: 51 Eastern Screech-Owls, 16 Great Horned Owls, 7 Long-eared Owls, 1 Short-eared Owl and 3 Northern Saw-whet Owls. Barred and Barn Owl were not encountered during the count.

*In perspective...* Compared to the rest of the state the Lititz CBC captured the high counts of the following species: Tundra Swan (332), Mallard (994), American Black Duck (290), Ring-necked Pheasant (tie 21), Killdeer (tie 16), Great Egret (1), Eastern Screech-Owl (51), Short-eared Owl (tie 1), Eastern Phoebe (tie 2), Blue-headed Vireo (1), Brown

Thrasher (tie 1), Field Sparrow (48), Savannah Sparrow (22), Eastern Towhee (34), Lincoln's Sparrow (2), Black-and-white Warbler (1), Common Yellowthroat (1 tie) and Palm Warbler (1 tie).

*Highlights...* A Black-and-white Warbler found on the count was the only one of the species tallied in the state. A Great Egret that had been hanging around Middle Creek stuck around for count day and disappeared shortly thereafter. Blue-headed Vireo was also a treat found by one of the afternoon groups birding a portion of Middle Creek WMA. Two Lincoln's Sparrows and singles of House Wren, Brown Thrasher, Common Yellowthroat, Palm Warbler and Eastern Meadowlark also helped to boost the overall species count for the day.

*Count week birds seen but not tallied during the week...* Orange-crowned Warbler, Lesser Scaup, Common Goldeneye, Hooded Merganser and American Pipit.

*Gratitude...* Sincere appreciation is extended to all of those who participated in the 2018 count and help it continue to grow! A special thank you is also extended to the Pennsylvania Game Commission and staff at Middle Creek Wildlife Management Area for their continued support of the count.

*Looking to the future...* The 2019 Lititz CBC will be held on Sunday, Dec. 29, 2019. Contact Ted Nichols II at [tanicholsii@gmail.com](mailto:tanicholsii@gmail.com) or 717-856-3851 if you are interested in participating.

## LANCASTER COUNTY YEAR LIST BY MIKE EPLER

During 2018, birders in Lancaster County reported locating 272 bird species. This is above both the 5-year average of 264 and the 10-year average of 268 species.

With the addition of the Black-throated Gray Warbler, the official total species count of Lancaster County will increase to 357. \*

There were 33 species of waterfowl reported, including all the expected species. Among the less frequently seen species, Eurasian Wigeon was seen for the tenth straight year. White-winged Scoter and the less common Surf Scoter were both reported, and Brant and Trumpeter Swan were also seen.

Among game birds, both Wild Turkey and Northern Bobwhite were seen this year. It is likely that the Northern Bobwhite seen in the county are escaped or released birds, and not a self-sustaining population. Ruffed Grouse was missed for the ninth time in the last ten years after being reported for the 32 years prior to that.

Pied-billed and Horned Grebe were reported. Red-necked Grebe was also seen after being missed last year for the first time in nine years.

Common Nighthawk continues to be seen annually. Eastern Whip-poor-will has become increasingly difficult to find in the county. A single bird was heard singing during spring migration in the northern part of the county.

In addition to our locally breeding Ruby-throated Hummingbirds, Rufous Hummingbird was seen for the seventh year in a row.

Both Virginia Rail and Sora continue to be seen yearly.

Sandhill Cranes were seen for the fifteenth year in a row.

The shorebird species count was down two from last year to 27. This is right at the 10-year average. Among the less common species that were reported were Whimbrel, Hudsonian Godwit, Marbled Godwit, and Willet. There were also two Red Knot reported by the Motus wildlife tracking System at Middle Creek Wildlife Management Area. There has not been a record of Red Knot in the county in eight years. The Motus Wildlife Tracking System is an automated radio-telemetry system that allows researchers to track the movement of radio-tagged birds, bats, and insects. There are

currently 870 Motus receiver stations in 28 countries. Due to the range of the Motus antenna at Middle Creek WMA, it can't be determined if these birds entered county air space. Because of this they have not been included in the total count.

There were 15 species of gulls and terns seen. The less common among these were Little Gull, Laughing Gull, Franklin's Gull, Iceland Gull, and Glaucous Gull. All the usual terns were reported including Black Tern and Common Tern. Least Tern was reported for the second year in a row.

Common Loon and the less common Red-throated Loon were both seen.

Two Great Cormorant seen flying south in early January where the first seen in the county in nine years.

American White Pelican was reported for the third time in five years.

There were eleven species of wading birds reported. Glossy Ibis, Least Bittern, and Roseate Spoonbill were seen, while Cattle Egret was missed for the fifth time in seven years.

All the expected raptor species were seen. Northern Goshawk was missed for the seventh year in a row after been seen for 34 of the previous 35 years.

All eight species of owls normally occurring were seen in the county. Snowy Owl was not reported.

The regularly occurring flycatchers were all reported. No unusual species of flycatcher were seen.

Common Raven has been seen for the past 17 years in a row. They had been reported in just nine of the previous 25 years.

A Sedge Wren was found in the county for the second year in a row, after having not been reported for the ten years prior. All other expected wren species were reported, including Marsh Wren.

Finches included all the regularly seen species. Common Redpoll and Evening Grosbeak were also reported. Evening Grosbeak has been reported more often in the past 42 years, having been seen in 32 years versus 23 for Common Redpoll. But, most of those reports come prior to 2003 when it was seen almost annually. Evening Grosbeak has been seen just three times in the last ten years.

All expected sparrows were seen this year with one exception. Nelson's Sparrow was missed for the first time in seven years, and just the fourth time since 1987. The only unusual sparrow reported was a Lark Sparrow.

Warbler species stood at 35 with all expected species seen, including the less common Golden-winged Warbler, Orange-crowned Warbler, and Connecticut Warbler. There was also a new addition to the official list of birds for the county. A Black-throated Gray Warbler was found on October 13 and remained through the new year.

The Western Tanager found at a private residence on December 23, 2017 remained through the new year.

Choosing the bird of the year for 2018 was once again an easy task: Black-throated Gray Warbler. This spectacular adult male was found on October 13 in Noel Dorwart Park. As word spread, birders quickly made their way there, hoping to see this first county record. There was no need to rush though, the bird remained for at least the next 12 weeks. It was very cooperative and was seen by well over a hundred people during that time. In the early days of its stay it spent most of the time with a mixed flock of warblers, kinglets, and Blue-headed Vireo. They fed in the understory, often offering stunning close-up views of the bird. As the weeks and months passed, and the other birds moved on, the Black-throated Gray Warbler remained. He began to associate with a large flock of Dark-eyed Junco. The junco flock fed much higher up in the trees, and the warbler joined them there, making it much harder to find. He was last reported on January 6, 2019. Hopefully he moved on to warmer climes, and perhaps he will visit us again in October 2019.

\*Per the official list from the Pennsylvania Society for Ornithology

Southern Lancaster County Christmas Bird Count 2018

Canada Goose	3876
Trumpeter Swan	1
Tundra Swan	2
Wood Duck	2
Gadwall	8
American Wigeon	5
American Black Duck	159
Mallard	257
Green-winged Teal	6
Ring-necked Duck	10
Greater/Lesser Scaup	2
Bufflehead	20
Common Goldeneye	15
Hooded Merganser	4
Common Merganser	677
Ring-necked Pheasant	2
Wild Turkey	19
Great Blue Heron	26
Black Vulture	243
Turkey Vulture	256
Northern Harrier	3
Sharp-shinned Hawk	1
Cooper's Hawk	5
Bald Eagle	58
Red-shouldered Hawk	5
Red-tailed Hawk	23
American Coot	3
Killdeer	2
Bonaparte's Gull	2
Ring-billed Gull	3140
Herring Gull	19
Lesser Black-backed Gull	2
Great Black-backed Gull	2
Rock Pigeon (Feral Pigeon)	544
Mourning Dove	206
Eastern Screech-Owl	18
Great Horned Owl	5
Barred Owl	1
Northern Saw-whet Owl	1
Belted Kingfisher	15
Red-headed Woodpecker	1
Red-bellied Woodpecker	64
Yellow-bellied Sapsucker	11
Downy Woodpecker	77
Hairy Woodpecker	26
Northern Flicker	87

Pileated Woodpecker	10
American Kestrel	10
Eastern Phoebe	1
Blue Jay	103
American Crow	192
Fish Crow	11
Horned Lark	87
Carolina Chickadee	111
chickadee sp.	3
Tufted Titmouse	51
Red-breasted Nuthatch	11
White-breasted Nuthatch	85
Brown Creeper	18
Winter Wren	12
Carolina Wren	135
Golden-crowned Kinglet	45
Ruby-crowned Kinglet	5
Eastern Bluebird	196
Hermit Thrush	14
American Robin	63
Northern Mockingbird	43
European Starling	2715
Cedar Waxwing	15
Pine Warbler	2
Yellow-rumped Warbler	10
Field Sparrow	37
Fox Sparrow	6
Dark-eyed Junco	721
White-crowned Sparrow	89
White-throated Sparrow	1513
Savannah Sparrow	4
Song Sparrow	363
Swamp Sparrow	30
Eastern Towhee	15
Northern Cardinal	301
Red-winged Blackbird	1368
Eastern Meadowlark	2
Common Grackle	1787
Brown-headed Cowbird	285
House Finch	81
Purple Finch	59
Common Redpoll	2
Pine Siskin	64
American Goldfinch	131
House Sparrow	176

Lititz Christmas Bird Count 2018

Snow Goose	1
Cackling Goose	1
Canada Goose	4507
Tundra Swan	2
American Black Duck	12
Mallard	457
Green-winged Teal	6
Ring-necked Duck	3
Bufflehead	12
Common Goldeneye	24
Common Merganser	9
Ring-necked Pheasant	1
Wild Turkey	6
Great Blue Heron	10
Black Vulture	97
Turkey Vulture	254
Northern Harrier	1
Sharp-shinned Hawk	6
Cooper's Hawk	7
Bald Eagle	23
Red-shouldered Hawk	4
Red-tailed Hawk	29
Virginia Rail	2
Ring-billed Gull	11656
Herring Gull	418
Iceland Gull	1
Lesser Black-backed Gull	1
Great Black-backed Gull	174
Rock Pigeon (Feral Pigeon)	361
Mourning Dove	264
Eastern Screech-Owl	1
Great Horned Owl	5
Barred Owl	1
Belted Kingfisher	6
Red-bellied Woodpecker	60
Yellow-bellied Sapsucker	7
Downy Woodpecker	74
Hairy Woodpecker	29
Northern Flicker	56
Pileated Woodpecker	5
American Kestrel	6
Peregrine Falcon	1
Eastern Phoebe	2
Greater White-fronted Goose	2

Blue Jay	85
American Crow	18258
Fish Crow	2087
Common Raven	1
Horned Lark	65
Carolina Chickadee	74
Tufted Titmouse	58
Red-breasted Nuthatch	17
White-breasted Nuthatch	71
Brown Creeper	38
Winter Wren	5
Carolina Wren	146
Golden-crowned Kinglet	29
Ruby-crowned Kinglet	5
Eastern Bluebird	110
Hermit Thrush	2
American Robin	117
Northern Mockingbird	45
European Starling	3294
American Pipit	33
Cedar Waxwing	14
Common Yellowthroat	1
Yellow-rumped Warbler	18
Black-throated Gray Warbler	1
American Tree Sparrow	13
Chipping Sparrow	1
Field Sparrow	8
Dark-eyed Junco	394
White-crowned Sparrow	17
White-throated Sparrow	874
Savannah Sparrow	9
Song Sparrow	195
Swamp Sparrow	24
Eastern Towhee	14
Northern Cardinal	344
Red-winged Blackbird	2
Common Grackle	201
House Finch	147
Pine Siskin	6
American Goldfinch	194
House Sparrow	160

Snow Goose	140
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Lititz Christmas Bird Count 2018

Canada Goose	5244
Mute Swan	3
Tundra Swan	332
Gadwall	52
American Wigeon	2
American Black Duck	290
Mallard	994
Northern Shoveler	27
Northern Pintail	7
Green-winged Teal	10
Ring-necked Duck	7
Bufflehead	9
Common Merganser	120
Ruddy Duck	1
Ring-necked Pheasant	21
Wild Turkey	15
Great Blue Heron	33
Great Egret	1
Black Vulture	51
Turkey Vulture	159
Golden Eagle	1
Northern Harrier	6
Sharp-shinned Hawk	2
Cooper's Hawk	13
Bald Eagle	33
Red-shouldered Hawk	4
Red-tailed Hawk	86
Killdeer	16
Ring-billed Gull	12
Herring Gull	1
Great Black-backed Gull	1
Rock Pigeon (Feral Pigeon)	1126
Mourning Dove	407
Eastern Screech-Owl	51
Great Horned Owl	16
Long-eared Owl	7
Short-eared Owl	1
Northern Saw-whet Owl	3
Belted Kingfisher	23
Red-headed Woodpecker	1
Red-bellied Woodpecker	116
Yellow-bellied Sapsucker	8
Downy Woodpecker	132
Hairy Woodpecker	33
Northern Flicker	89
Pileated Woodpecker	19
American Kestrel	12
Merlin	2
Peregrine Falcon	2
Eastern Phoebe	2
Blue-headed Vireo	1

Blue Jay	247
American Crow	239
Fish Crow	40
Common Raven	2
Horned Lark	186
Carolina Chickadee	70
Black-capped Chickadee	4
Tufted Titmouse	32
Red-breasted Nuthatch	3
White-breasted Nuthatch	150
Brown Creeper	32
House Wren	1
Winter Wren	11
Carolina Wren	124
Golden-crowned Kinglet	47
Ruby-crowned Kinglet	6
Eastern Bluebird	146
Hermit Thrush	4
American Robin	158
Gray Catbird	3
Brown Thrasher	1
Northern Mockingbird	35
European Starling	4428
Cedar Waxwing	67
Black-and-white Warbler	1
Common Yellowthroat	1
Palm Warbler	1
Yellow-rumped Warbler	4
American Tree Sparrow	42
Chipping Sparrow	4
Field Sparrow	48
Fox Sparrow	5
Dark-eyed Junco	426
White-crowned Sparrow	48
White-throated Sparrow	919
Savannah Sparrow	22
Song Sparrow	448
Lincoln's Sparrow	2
Swamp Sparrow	21
Eastern Towhee	34
Northern Cardinal	312
Red-winged Blackbird	245
Eastern Meadowlark	1
Common Grackle	1
House Finch	172
Purple Finch	16
Pine Siskin	22
American Goldfinch	238
House Sparrow	509

## Lancaster County Year List 2018

Fulvous Whistling-Duck	Calliope Hummingbird	X Glaucous Gull
Black-bellied Whistling-Duck	King Rail	X Great Black-backed Gull
X Snow Goose	X Virginia Rail	Sooty Tern
X Ross's Goose	X Sora	X Least Tern
X Greater White-fronted Goose	Common Gallinule	Gull-billed Tern
Pink-footed Goose	X American Coot	X Caspian Tern
X Brant	Black Rail	X Black Tern
Barnacle Goose	X Sandhill Crane	X Common Tern
X Cackling Goose	Black-necked Stilt	Arctic Tern
X Canada Goose	X American Avocet	X Forster's Tern
X Mute Swan	X Black-bellied Plover	Royal Tern
X Trumpeter Swan	X American Golden-Plover	Black Skimmer
X Tundra Swan	X Semipalmated Plover	X Red-throated Loon
X Wood Duck	Piping Plover	Pacific Loon
X Blue-winged Teal	X Killdeer	X Common Loon
Cinnamon Teal	X Upland Sandpiper	Leach's Storm-Petrel
X Northern Shoveler	X Whimbrel	Wood Stork
X Gadwall	X Hudsonian Godwit	X Great Cormorant
X Eurasian Wigeon	X Marbled Godwit	X Double-crested Cormorant
X American Wigeon	X Ruddy Turnstone	X American White Pelican
X Mallard	Red Knot	Brown Pelican
X American Black Duck	Ruff	X American Bittern
X Northern Pintail	Stilt Sandpiper	X Least Bittern
X Green-winged Teal	Curlew Sandpiper	X Great Blue Heron
X Canvasback	X Sanderling	X Great Egret
X Redhead	X Dunlin	X Snowy Egret
X Ring-necked Duck	X Baird's Sandpiper	X Little Blue Heron
X Greater Scaup	X Least Sandpiper	Tricolored Heron
X Lesser Scaup	X White-rumped Sandpiper	Cattle Egret
X Surf Scoter	X Buff-breasted Sandpiper	X Green Heron
X White-winged Scoter	X Pectoral Sandpiper	X Black-crowned Night-Heron
Black Scoter	X Semipalmated Sandpiper	X Yellow-crowned Night-Heron
X Long-tailed Duck	X Western Sandpiper	White Ibis
X Bufflehead	X Short-billed Dowitcher	X Glossy Ibis
X Common Goldeneye	Long-billed Dowitcher	X Roseate Spoonbill
X Hooded Merganser	X American Woodcock	X Black Vulture
X Common Merganser	X Wilson's Snipe	X Turkey Vulture
X Red-breasted Merganser	Wilson's Phalarope	X Osprey
X Ruddy Duck	Red-necked Phalarope	Swallow-tailed Kite
X Northern Bobwhite	Red Phalarope	X Golden Eagle
X Ring-necked Pheasant	X Spotted Sandpiper	Mississippi Kite
Ruffed Grouse	X Solitary Sandpiper	X Northern Harrier
X Wild Turkey	X Greater Yellowlegs	X Sharp-shinned Hawk
X Pied-billed Grebe	X Willet	X Cooper's Hawk
X Horned Grebe	X Lesser Yellowlegs	Northern Goshawk
X Red-necked Grebe	Pomarine Jaeger	X Bald Eagle
X Eared Grebe	Parasitic Jaeger	X Red-shouldered Hawk
X Rock Pigeon	Long-tailed Jaeger	X Broad-winged Hawk
Eurasian Collared-Dove	Black-legged Kittiwake	Swainson's Hawk
White-winged Dove	Sabine's Gull	X Red-tailed Hawk
X Mourning Dove	X Bonaparte's Gull	X Rough-legged Hawk
X Yellow-billed Cuckoo	Black-headed Gull	X Barn Owl
X Black-billed Cuckoo	X Little Gull	X Eastern Screech-Owl
X Common Nighthawk	X Laughing Gull	X Great Horned Owl
X Eastern Whip-poor-will	X Franklin's Gull	Snowy Owl
X Chimney Swift	X Ring-billed Gull	X Barred Owl
Bahama Woodstar	California Gull	X Long-eared Owl
X Ruby-throated Hummingbird	X Herring Gull	X Short-eared Owl
X Rufous Hummingbird	X Iceland Gull	X Northern Saw-whet Owl
Allen's Hummingbird	X Lesser Black-backed Gull	X Belted Kingfisher

## Lancaster County Year List 2018

X Yellow-bellied Sapsucker	Varied Thrush	X Northern Waterthrush
X Red-headed Woodpecker	X Veery	X Golden-winged Warbler
X Red-bellied Woodpecker	X Gray-cheeked Thrush	X Blue-winged Warbler
X Downy Woodpecker	Bicknell's Thrush	X Black-and-white Warbler
X Hairy Woodpecker	X Swainson's Thrush	X Prothonotary Warbler
X Pileated Woodpecker	X Hermit Thrush	X Tennessee Warbler
X Northern Flicker	X Wood Thrush	X Orange-crowned Warbler
X American Kestrel	X American Robin	X Nashville Warbler
X Merlin	X Gray Catbird	X Connecticut Warbler
Gyr Falcon	X Brown Thrasher	X Mourning Warbler
X Peregrine Falcon	X Northern Mockingbird	X Kentucky Warbler
X Olive-sided Flycatcher	X European Starling	X Common Yellowthroat
X Eastern Wood-Pewee	X American Pipit	X Hooded Warbler
X Yellow-bellied Flycatcher	X Cedar Waxwing	X American Redstart
X Acadian Flycatcher	X Evening Grosbeak	X Cape May Warbler
X Alder Flycatcher	Pine Grosbeak	X Cerulean Warbler
X Willow Flycatcher	X House Finch	X Northern Parula
X Least Flycatcher	X Purple Finch	X Magnolia Warbler
X Pacific-slope Flycatcher	X Common Redpoll	X Bay-breasted Warbler
X Eastern Phoebe	Hoary Redpoll	X Blackburnian Warbler
Say's Phoebe	Red Crossbill	X Yellow Warbler
Ash-throated Flycatcher	White-winged Crossbill	X Chestnut-sided Warbler
X Great Crested Flycatcher	X Pine Siskin	X Blackpoll Warbler
Tropical Kingbird	X American Goldfinch	X Black-throated Blue Warbler
Western Kingbird	X Lapland Longspur	X Palm Warbler
X Eastern Kingbird	X Snow Bunting	X Pine Warbler
Loggerhead Shrike	X Grasshopper Sparrow	X Yellow-rumped Warbler
Northern Shrike	X Chipping Sparrow	X Yellow-throated Warbler
X White-eyed Vireo	Clay-colored Sparrow	X Prairie Warbler
X Yellow-throated Vireo	X Field Sparrow	X Black-throated Gray Warbler *
X Blue-headed Vireo	Lark Sparrow	X Black-throated Green Warbler
X Philadelphia Vireo	X American Tree Sparrow	X Canada Warbler
X Warbling Vireo	X Fox Sparrow	X Wilson's Warbler
X Red-eyed Vireo	X Dark-eyed Junco	X Summer Tanager
X Blue Jay	X White-crowned Sparrow	X Scarlet Tanager
X American Crow	Harris's Sparrow	X Western Tanager
X Fish Crow	X White-throated Sparrow	X Northern Cardinal
X Common Raven	X Vesper Sparrow	X Rose-breasted Grosbeak
X Horned Lark	Le Conte's Sparrow	Black-headed Grosbeak
X Northern Rough-winged Swallow	Seaside Sparrow	X Blue Grosbeak
X Purple Martin	Nelson's Sparrow	X Indigo Bunting
X Tree Swallow	X Savannah Sparrow	X Painted Bunting
X Bank Swallow	Henslow's Sparrow	X Dickcissel
X Barn Swallow	X Song Sparrow	X House Sparrow
X Cliff Swallow	X Lincoln's Sparrow	
Cave Swallow	X Swamp Sparrow	
X Carolina Chickadee	X Eastern Towhee	
X Black-capped Chickadee	X Yellow-breasted Chat	
X Tufted Titmouse	X Yellow-headed Blackbird	
X Red-breasted Nuthatch	X Bobolink	
X White-breasted Nuthatch	X Eastern Meadowlark	
X Brown Creeper	X Orchard Oriole	
X House Wren	Bullock's Oriole	
X Winter Wren	X Baltimore Oriole	
X Sedge Wren	X Red-winged Blackbird	
X Marsh Wren	X Brown-headed Cowbird	
X Carolina Wren	X Rusty Blackbird	
X Blue-gray Gnatcatcher	Brewer's Blackbird	
X Golden-crowned Kinglet	X Common Grackle	
X Ruby-crowned Kinglet	X Ovenbird	
X Eastern Bluebird	X Worm-eating Warbler	
X Mountain Bluebird	X Louisiana Waterthrush	

\* New in 2018