



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.

" C A L L N O T E S "

Research Issue 2013

This 24th edition of the Lancaster County Bird Club's Research Issue documents the club's special projects in Lancaster County for the year 2013. It reflects the dedication and hard work by many of our members in pursuit of the LCBC's purpose to record the county's bird life. We encourage more members to take an active part in compiling this data by participating in these club activities. There are always volunteer opportunities available.

This year's issue includes the following reports:

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

The Count Coordinators and the Officers and Board of Directors of Lancaster County Bird Club extend a special thank you to all of the volunteers who commit their time and talents to maintain these important counts. 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." We encourage our club members to join these volunteers, whether you go out for the day or report your backyard observations. Just contact any of the coordinators of the counts listed above to become a volunteer. The count coordinators are listed with each report.

Barbara B. Hunsberger
Publications Editor

PENNSYLVANIA MIGRATION COUNT BY BRUCE CARL

The 2013 PAMC was held on Saturday, May 11, 2013 and was the 18th consecutive year that Lancaster County participated in this annual event. It was another very successful day with a total of 36 volunteers, birding various locations across the county, identifying 168 species. This count also included all three of the Lancaster County Bird Club's (LCBC) warbler walk locations. Some of the species highlights include 11 raptors, 12 shorebirds, 6 swallows, 31 warblers and 9 sparrows. Individual highlights for the day included the following: 1 Trumpeter Swan, 1 Lapland Longspur, 1 American Avocet, 1 White-rumped Sandpiper, 1 Wilson's Snipe, 1 Blue-headed Vireo, 2 Common Ravens, 2 Brown Creepers, 2 Vesper Sparrows, 1 White-crowned Sparrow and 3 Purple Finch.

Again a big Thank You to all who volunteered their time for the day or part of the day. Your time helping with this count is very much appreciated and the birds identified are a direct result of your efforts!

Chart count is on pages 6-7.

CONEJOHELA FLATS SHOREBIRD SURVEY REPORT BY JERRY BOOK

This may be the last year for this report since the Federal Energy Regulatory Commission did not require any surveys for 2014.

Count chart is on page 8.

CHRISTMAS BIRD COUNT OVERVIEW 2013

As reported by Nick Bolgiano in the July 2014 issue of "Pennsylvania Birds," Southern Lancaster County led all counts with 102 species reported, Western Chester County was second with 98 and Southern Bucks County was third with 97. The Lititz count ranked 10th with 86 species identified and the Lancaster Count ranked 11th with 85 species. The 2013 count was notable for the irruption of Snowy Owls. All three Lancaster County CBCs recorded a Snowy Owl.

SOUTHERN LANCASTER COUNTY CHRISTMAS BIRD COUNT BY BOB SCHUTSKY

The weather began to get a bit nasty on Saturday, the day before the count, in the late afternoon. It began with 2-4 inches of snow, followed by sleet, and a heavy coating of freezing rain. By 9 PM Saturday night the local road conditions were not good at all. Conditions were even worse at 5:30 AM Sunday morning, the day of the count. There was LOTS of ice, and deep water puddles on the road. Driving was bad, walking was worse. Many people began the count a few hours late, and several waited until noon. There were about 10 people who stayed home because of bad roads and did not participate in the count. We had 44 participants this year. We often have 50-60, or even more.

The weather grew steadily nicer on Sunday morning, actually quite nice. There was no precipitation or fog, a light NW breeze, increasing sunshine, and temperatures of 40-45 F. It was excellent birding weather, IF people could get out of their driveway and reach the area that they intended to bird.

In 2011 and 2012, our cumulative total number of species had been holding at 174 species, all of the species that have been tallied since we began the count in 1976. It is very difficult to add a new species after so much

intensive birding for so many years. But we managed to add one species this year, and a very impressive bird it was. A SNOWY OWL was found in a large agricultural area about 3.5 miles SE of Quarryville. It was a spectacular find from the back seat of a moving vehicle, perched not at all close to the road. The Snowy Owl was seen by many people on the day of the count, and many more people on the days to follow. It came in the winter of a massive irruption into much of the US, especially in the eastern portions of the country, plus eastern Canada. Simply put, it was spectacular! We have now seen eight species of owls in the history of the Solanco CBC.

A lot of the numbers of each species that were found were down this year, almost definitely because of the fewer people that participated in the count due to road conditions, and fewer hours spent birding. But the overall species count this year was 102, compared to an average of 104 of the past ten years. The total number of individual birds tallied this year was very low at 23,877 compared to the most recent 10-year average of 208,897. This year's low count of individuals was mostly a result of the low numbers of blackbirds, which sometimes number in the hundreds of thousands, and occasionally more than a million. The flocks simply were not in the count circle this year.

Here are a few trends, comparing this year's count to the numbers seen between 2003 and 2012 (10-year average). A Mallard count of 162 was low compared to 500 to 1000 typically seen. A Redhead and four Long-tailed Ducks during count week were good finds. There were 13 Ring-necked Pheasants, much more than in any of the past ten recent years. Are these stocked birds, or are they actually reproducing? Most likely, no one truly knows for certain. Wild Turkey numbers continue to grow with 37 this year. The highest count ever was 47 in 2011. A great find was a Golden Eagle, the third in the history of the count. American Kestrel numbers continue low, and no merlins or peregrines were observed for the first time since 2006.

Ring-billed, Herring, and Great Black-backed Gull numbers were all low, with no rare or unusual gulls found all day. The origin of four Ringed Turtle-Doves seen near Quarryville was a total mystery. They were not added to the count, but were considered escapees. A Red-headed Woodpecker was the first seen since 2004. 1721 Horned Larks was the highest total in the past ten years. Red-breasted Nuthatches were almost non-existent compared to 48 in 2012 and 118 in 2005, the highest count ever. There were two Palm Warblers, for the second year in a row. There was a ridiculously low count of 429 individual birds of all of the blackbird species combined. A count such as that is totally unheard of!

Thanks to all who braved the driving conditions to participate in the count. Many folks gathered at our house after the count to tally the day's findings and partake of a fine dinner. Thanks to my wife Nancy for preparing such wonderful dishes. The next count is scheduled for Sunday, 14 December 2014. Please join us, and bring a friend.

Count chart is on pages 9-10.

LITITZ CHRISTMAS BIRD COUNT BY BRUCE CARL

The Lititz CBC was held on Sunday, December 29, 2013 on a rather cool/cold, damp and very rainy day. A total of 38 participants identified 86 species for the day which is pretty good considering the weather conditions. The highlight for the day was a Snowy Owl found and photographed by Pam Fisher near the intersection of Wissler and Clay roads just outside of Ephrata. This a first for the Lititz Christmas Bird Count. Some other nice discoveries for the day included 2 Killdeer, 1 Wilson's Snipe, 1 Barn Owl, 1 Barred Owl, 1 Gray Catbird, 2 Yellow-rumped Warblers, 1 Chipping Sparrow and 1 Purple Finch. Count week species were Peregrine Falcon and Brown Thrasher.

Other highlights for the count include:

11 Species of Waterfowl	1 Common Raven
2 Species of Merganser	3 Red-breasted Nuthatches
5 Bald Eagles	1 Ruby-crowned Kinglet
7 Northern Harriers	8 Savannah Sparrows
3 Red-shouldered Hawks	9 Swamp Sparrows
29 Wild Turkeys	5 White-crowned Sparrows
2 Long-eared Owls	80 Common Grackles
1 Short-eared Owl	2 Pine Siskins
3 Red-headed Woodpeckers	

Count chart is on pages 11-12.

LANCASTER CHRISTMAS BIRD COUNT BY BARBARA HUNSBERGER

The Lancaster CBC was held on Saturday, January 4, 2014, the last day of the 2013 Christmas Bird Count period. There were four to six inches of snow on the ground and freezing rain the night before, made for treacherous driving and walking. Most participants started later in the morning after the rain had stopped but cut the day short when light freezing rain began again in the afternoon. Some of the areas that were normally covered were inaccessible due to a coating of ice on the snow, ex. Lake Grubb trail. As a result, the total number of species identified was 85 for the 2013 count, compared to 105 for the 2012 count. Highlights of the day included: 1 Red-breasted Merganser, 2 Red-shouldered Hawks, four owl species - including a Snowy Owl during count week, 1 Peregrine Falcon, 1 Brown Thrasher, 1 Palm Warbler, and 1 Gray Catbird. There were no large flocks of blackbirds anywhere to be found which was unusual for this time of year. Many thanks to the volunteers who braved the adverse weather conditions.

Count chart is on page 13.

LANCASTER COUNTY YEAR LIST BY MIKE EPLER

During 2013, birders in Lancaster County reported locating 258 species of birds. This is below the 5-year average of 271 and the 10-year average of 275 species. One new species was added to the official total species list of Lancaster County, bringing it to 353.*

There were 32 species of waterfowl reported. Brant was not seen in the county for the first time in 14 years. Black Scoter also ended a 7-year run. Notable finds were: Black-bellied Whistling-Duck, seen for the fourth time in 37 years, and Trumpeter Swan, seen for the ninth time during the same time period.

Game birds were a mixed bag. While Wild Turkeys were seen in good numbers, Northern Bobwhite was not seen for the first time in 37 years and Ruffed Grouse was missed for the fourth time in the last five years after a 32-year run.

Loons and grebes were well represented with just Eared Grebe missing from the list. A Pacific Loon was seen in late April on the Susquehanna River near Marietta. This is just the third sighting in the county in 37 years.

There were nine species of heron and ibis reported. Cattle Egret and Yellow-crowned Night-Heron have become increasingly hard to find in the county and were not seen in 2013. Both American Bittern and Least Bittern were reported as was Glossy Ibis.

All the expected raptor species were seen with the exception of Northern Goshawk, which was seen once in the last four years, after being seen yearly for 33 years.

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

Shorebird numbers for 2013 were at a 30-year low with just 23 species reported. This is seven species less than the 10-year average of 30 species. There were many notable misses. Buff-breasted Sandpiper ended a 15-year run, Ruddy Turnstone's streak ended at 25, and Stilt Sandpiper was missed for the first time in 29 years. Notably, Red Phalarope was seen, while the more likely Wilson's and Red-necked Phalaropes were not. A single Willet was reported on the Conejohela Flats in early July.

There were 13 species of gulls and terns seen. A single Black Tern kept the streak of sightings of that species alive at 25 years.

All eight species of owls normally seen were reported. Notable this year was the irruption of Snowy Owls. There were hundreds of these owls seen throughout the northeast, and Lancaster County played host to many as well. The Amish farmland around the Leola and New Holland area was particularly favored by the owls. This fact made it the ideal relocation area for an owl that was trapped for removal from the Philadelphia International Airport for its safety. The owl was found to be in very good condition and he was recruited for Project SNOWstorm, a project designed to track the movement of owls fitted with solar-powered transmitters utilizing the cellular phone network for downloading information. The owl was nicknamed "Amishtown" for the road near where he was released. He liked the area and remained there for over a month. On the evening of March 18, he finally departed. Sixteen hours later, he was near Coudersport, and in less than a week, he was on the shores of Lake Ontario. The last time his transmitter relayed his location, he was at the northern tip of Lake Huron near Badgeley Island. If he moves into an area with cellular phone coverage again, his transmitter will report where he has traveled, even if it is years later. It will be interesting to see where Amishtown and the other transmitter-tagged owls have traveled in the months and years to come.

Warbler species stood at 34 with just Golden-winged Warbler and Connecticut Warbler missing from the list of expected sightings.

While all expected sparrows were seen this year, Nelson's Sparrow was notable for the numbers tallied both in the county and around the state.

The bird of the year for 2013 is, without a doubt, the Bahama Woodstar, a non-migratory hummingbird species native to the Bahamas and an extremely rare vagrant to southern Florida. This was just the sixth sighting of the species in the United States, and the first sighting outside of southern Florida. In late April, this ABA code 5 bird showed up in Denver, PA, and stayed 5 days. It originally was thought to be a Broad-tailed Hummingbird or some type of hybrid. It was successfully banded and eventually was identified as a Bahama Woodstar. Unfortunately the bird didn't hang around long after word got out about what it was, and it left the area a few hours after it was identified. But, for those folks lucky enough to see it, this was almost certainly a once-in-a-lifetime event.

*According to the official list from the Pennsylvania Society for Ornithology

Count chart is on pages 14-15.

Pennsylvania Annual Migration Count

(see instructions at end of form)

Year: 2013 County: Lancaster Compiler: Bruce Carl

Species	#	Species	#	Species	#
Snow Goose	18	Osprey	7	Rock Pigeon	123
Canada Goose	410	Bald Eagle	16	Mourning Dove	188
Mute Swan		Northern Harrier	2	Yellow-billed Cuckoo	8
Tundra Swan		Sharp-shinned Hawk	1	Black-billed Cuckoo	
Wood Duck	55	Cooper's Hawk	9	Barn Owl	
Gadwall		Northern Goshawk		Eastern Screech-Owl	1
American Wigeon		Accipiter, sp.		Great Horned Owl	1
American Black Duck		Red-shouldered Hawk		Barred Owl	
Mallard	147	Broad-winged Hawk	1	Northern Saw-whet Owl	
Blue-winged Teal	2	Red-tailed Hawk	40	Common Nighthawk	1
Northern Shoveler		Buteo, sp.		Eastern Whip-poor-will	
Northern Pintail		American Kestrel	7	Chimney Swift	105
Green-winged Teal	1	Merlin		Ruby-throated Hummingbird	14
Canvasback		Peregrine Falcon	3	Belted Kingfisher	18
Ring-necked Duck	3	Virginia Rail		Red-headed Woodpecker	
Greater Scaup	9	Sora		Red-bellied Woodpecker	115
Lesser Scaup		Common Moorhen		Yellow-bellied Sapsucker	
Surf Scoter		American Coot	2	Downy Woodpecker	52
Bufflehead		Sandhill Crane		Hairy Woodpecker	12
Common Goldeneye		Black-bellied Plover		Northern Flicker	67
Hooded Merganser	2	Semipalmated Plover	20	Pileated Woodpecker	11
Common Merganser	2	Killdeer	42	Olive-sided Flycatcher	
Red-breasted Merganser		Spotted Sandpiper	47	Eastern Wood-Pewee	11
Ruddy Duck	3	Solitary Sandpiper	29	Yellow-bellied Flycatcher	
Northern Bobwhite		Greater Yellowlegs	13	Acadian Flycatcher	6
Ring-necked Pheasant	3	Lesser Yellowlegs	9	Alder Flycatcher	
Ruffed Grouse		Upland Sandpiper		Willow Flycatcher	2
Wild Turkey	5	Semipalmated Sandpiper	2	Least Flycatcher	5
Red-throated Loon		Least Sandpiper	160	Empidonax, sp.	
Common Loon	20	White-rumped Sandpiper	1	Eastern Phoebe	27
Pied-billed Grebe	1	Peep, sp.	10	Great Crested Flycatcher	43
Horned Grebe	2	Pectoral Sandpiper		Eastern Kingbird	76
Red-necked Grebe		Dunlin	5	Loggerhead Shrike	
Double-crested Cormorant	92	Short-billed Dowitcher	3	White-eyed Vireo	17
Great Cormorant		Wilson's Snipe	1	Yellow-throated Vireo	8
American Bittern		American Woodcock		Blue-headed Vireo	1
Least Bittern		Bonaparte's Gull	6	Warbling Vireo	35
Great Blue Heron	64	Laughing Gull		Philadelphia Vireo	
Great Egret	7	Ring-billed Gull	836	Red-eyed Vireo	132
Snowy Egret		Herring Gull	1	Blue Jay	357
Little Blue Heron		Lesser Black-backed Gull		American Crow	151
Green Heron	14	Great Black-backed Gull		Fish Crow	51
Black-crowned Night-Heron	46	Caspian Tern	1	Crow, sp.	18
Yellow-crowned Night-Heron		Black Tern		Common Raven	2
Glossy Ibis		Common Tern	12	Horned Lark	56
Black Vulture	29	Forster's Tern	5	Purple Martin	355
Turkey Vulture	223	Tern, sp.		Tree Swallow	230

Species	#	Species	#	Species	#
Northern Rough-winged Swallow	80	Yellow-throated Warbler	4	Blackbird, sp.	
Bank Swallow	3	Pine Warbler	3	Common Grackle	488
Cliff Swallow	1	Prairie Warbler	19	Brown-headed Cowbird	155
Barn Swallow	339	Palm Warbler	6	Orchard Oriole	30
Swallow, sp.		Bay-breasted Warbler	1	Baltimore Oriole	203
Carolina Chickadee	98	Blackpoll Warbler	4	Purple Finch	3
Black-capped Chickadee		Cerulean Warbler	4	House Finch	82
Chickadee, sp.	15	Black-and-white Warbler	26	Common Redpoll	
Tufted Titmouse	134	American Redstart	47	Pine Siskin	6
Red-breasted Nuthatch		Prothonotary Warbler	12	American Goldfinch	194
White-breasted Nuthatch	26	Worm-eating Warbler	16	Evening Grosbeak	
Brown Creeper	2	Ovenbird	155	House Sparrow	208
Carolina Wren	165	Northern Waterthrush	3		
House Wren	82	Louisiana Waterthrush	16	Other Species:	
Winter Wren		Kentucky Warbler	3	1. TRUMPETER SWAN	1
Marsh Wren		Connecticut Warbler		2. LAPLAND LONGSPUR	1
Golden-crowned Kinglet		Mourning Warbler		3. AMERICAN AVOUCET	1
Ruby-crowned Kinglet	2	Common Yellowthroat	152	4.	
Blue-gray Gnatcatcher	66	Hooded Warbler	4	5.	
Eastern Bluebird	113	Wilson's Warbler	1	6.	
Veery	21	Canada Warbler	4	7.	
Gray-cheeked Thrush		Yellow-breasted Chat	14	8.	
Swainson's Thrush	3	Eastern Towhee	130	9.	
Hermit Thrush		American Tree Sparrow		10.	
Wood Thrush	200	Chipping Sparrow	125		
American Robin	761	Clay-colored Sparrow			
Gray Catbird	471	Field Sparrow	33	Total Species (not counting "sp."):	168
Northern Mockingbird	35	Vesper Sparrow	2	Total Birds:	1685
Brown Thrasher	21	Savannah Sparrow	15		
European Starling	518	Grasshopper Sparrow	17	Total Participants:	36
American Pipit	4	Henslow's Sparrow		Total Parties:	21
Cedar Waxwing	14	Fox Sparrow			
Blue-winged Warbler	12	Song Sparrow	154	Start Time:	5:20 AM
Golden-winged Warbler		Lincoln's Sparrow		Stop Time:	8:00 PM
Brewster's Warbler		Swamp Sparrow	6		
Lawrence's Warbler		White-throated Sparrow	203	Party Hours on Foot:	111.5
Tennessee Warbler		White-crowned Sparrow	1	Party Hours by Car:	16
Orange-crowned Warbler		Dark-eyed Junco		Party Hours by Other:	12.25
Nashville Warbler	3	Summer Tanager		Total Party Hours:	139.75
Northern Parula	49	Scarlet Tanager	72		
Yellow Warbler	69	Northern Cardinal	370	Party Miles on foot:	76.85
Chestnut-sided Warbler	16	Rose-breasted Grosbeak	33	Party Miles by car:	272.65
Magnolia Warbler	10	Blue Grosbeak	4	Party Miles by other:	11.2
Cape May Warbler	7	Indigo Bunting	107	Total Party Miles:	354.70
Black-throated Blue Warbler	43	Bobolink	25		
Yellow-rumped Warbler	160	Red-winged Blackbird	394		
Black-throated Green Warbler	21	Eastern Meadowlark	14		
Blackburnian Warbler	2	Rusty Blackbird			

CONEJOHELA FLATS SHOREBIRDS

SPECIES	50/70	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	TOTAL	H/C	AVG/YR
Black-bellied Plover	497	12	2	16	42	23	27	28	78	53	122	62	55	36	104	24	85	30	50	86	82	112	85	50	33	52	20	33	1899	55	44.2
American Golden-Plover	508	44	9	18	##	44	60	76	217	50	198	28	68	26	21	38	34	6	49	67	44	134	225	11	39	17	141	99	2383	97	55.4
Semipalmated Plover (hc)	113	10	1	6	30	14	30	21	16	37	19	23	54	26	92	57	120	30	33	82	104	84	81	54	74	37	50	21	hc	120	
Piping Plover	6														1	1											1	9	1	0.2	
Killdeer (hc)	238	60	50	110	50	40	60	77	135	170	263	150	170	150	274	433	195	111	225	225	223	200	135	157	135	51	87	85	hc	433	
Black-necked Stilt	0						1						1								2			2		1		7	1	0.2	
American Avocet	0							3	10		2	2			1	8	1	2	5	1	1	3	1	5	2	11	7	65	9	1.5	
Spotted Sandpiper (hc)	50	4	6	8	10	16	24	32	18	53	23	27	30	51	74	48	29	29	15	25	47	33	39	18	26	7	15	53	hc	74	
Solitary Sandpiper	44		1	3	2	9	7	4	17	31	8	7	11	24	5	17	16	8	12	10	17	33	17	17	15	6	9	2	352	9	8.2
Greater Yellowlegs	1088	4	15	40	35	68	35	29	67	82	92	54	104	140	83	85	186	135	98	129	207	232	115	183	98	87	155	66	3712	45	86.3
Willet	3	1								1	7	2	1	1		2	3	1	2	2	2	2			6	2		41	7	1.0	
Lesser Yellowlegs	1147	29	29	175	61	77	26	29	154	221	190	123	104	170	125	193	405	164	226	327	677	473	332	499	439	166	132	65	6758	250	157.2
Upland Sandpiper	1																											2	1	0.0	
Whimbrel	12				2		1	1	3	2	3	16			56	17		46	310	2	17		1				1	489	250	11.4	
Hudsonian Godwit	1	1	5				2		1			1		1	2			1	3	1	30	2	2	1		2	16	72	4	1.7	
Marbled Godwit	0		1			2		2					1	1	1				1	2	1	2						14	2	0.3	
Ruddy Turnstone	175		1	7	5	3	4	4	5	10	27	5	5	18	19	22	2	42	4	18	10	9	7	23	5	17	1	3	451	40	10.5
Red Knot	10			6			20	11					1		1	32	1			1	3	1	2	2	2	1			94	31	2.2
Sanderling	365	2		13	12	7	15	31	42	40	63	12	18	45	43	19	16	47	36	68	51	18	15	6	6	54	212	7	1263	200	29.4
Semipalm Sandpiper (hc)	600	20	20	40	33	15	23	20	55	58	105	50	225	36	270	90	24	850	250	120	200	97	144	53	140	64	45	44	hc	850	
Western Sandpiper	145	2	1	1	4	1	1	1	7	4	18	2	2		4	4	11	9	19	17	17	13	8	8	4	1	1	2	307	10	7.1
Little Stint	0														1													1	1	0.0	
Least Sandpiper (hc)	102	20	36	53	125	120	66	30	190	345	210	225	400	216	255	330	285	200	350	225	320	292	506	247	413	140	272	155	hc	400	
White-rumped Sandpiper	187	6	1	27	14	14	3	8	15	23	53	16	22	20	27	43	6	15	4	6	63	41	23	4	19	22	8	11	701	32	16.3
Baird's Sandpiper	107			7	8	5	4	4	12	22	27	2	20	6	7	10	9	15	16	53	23	9	10	3	16	4	12	7	418	8	9.7
Pectoral Sandpiper (hc)	204	10	18	32	9	20	27	11	13	10	18	15	20	30	42	49	44	72	37	71	25	19	36	8	19	25	9	15	hc	204	
Dunlin (hc)	200	4	5	5	65	5	21	36	24	32	6	28	30	49	111	66	57	253	6	30	77	292	64	42	14	243	400	42	hc	400	
Curlew Sandpiper	2																												2	2	0.0
Stilt Sandpiper	250	21	3	19	1	2	2	4	8	3	38	1	11	23	10	21	27	4	16	53	30	10	3	9	4	2	4		579	36	13.5
Buff-breasted Sandpiper	9	2	1	1			2	4	5	5	3		7	6	1	1	3	1	2	18	5	8	4	4	9	4	1		106	6	2.5
Ruff	1	1																	1	1	1	1							6	1	0.1
Short-billed Dowitcher	284		1	4	11	8	27	8	33	18	35	45	60	24	222	89	95	92	17	67	122	102	6	14	23	8	9	5	1429	200	33.2
Long-billed Dowitcher	3		1		1	3						1		4	4	1	2		1	4	2	2	4						33	4	0.8
Wilson's Snipe (hc)	12	1	1	5	5	6	4	11	3	2	3	3	5	8	11	14	13	4	3	6	23	16	5	4	1	2	10	2	hc	14	
American Woodcock	1		1			3				1						1					2					1	1		12	1	0.3
Wilson's Phalarope	5								1						1		1	1	1	1	2	1	1		1	1		17	2	0.4	
Red-necked Phalarope	18	1				1	2	2			2		1	1	1		1	12	3		14	2		2	1	21	8	93	6	2.2	
Red Phalarope	2			1	1	2						1	1		1									8			19	1	37	11	0.9
Number of Trips		12	20	28	24	31	21	27	32	26	67	29	28	67	67	67	67				39	69	68	68	71	68	67	67			
Approximate Hours									192	208	268			276	272	272	268				156	276	272	272	284	272	268	268			
Season Count									2,623	3,373	4,645			3,797	5,023	5,897	3,898				4,395	8,234	7,651	8,645	6,682	6,749	3,035	3,447	3,609		
Season Estimate-SHWPC											12,143			10,404	14,745	15,015	9,922				14,089	18,326	14,410	16,330	14,026	11,803	7,760	6,850	7,451		11,788
Season Estimate-LCBC									11,070	17,380	18,215			15,608	22,118	22,523	14,883				21,134	27,489	21,815	24,495	21,039	17,705	11,640	10,275	11,177		17,682
# species	34	21	23	22	23	23	27	27	25	25	25	27	26	27	32	28	27	27	31	30	33	30	27	27	27	27	28	21	38	28 yr	20,662

SHWPC Surveys

LCBC

Species totals include sightings by all observers

Season Count Estimates exclude KLDR & local SPSA

10 yr 28.1

SoLanCo CBC 2013

SPECIES	TOTALS	SPECIES	TOTALS
Snow Goose, white	1006	Herring Gull	17
snow goose, blue	5	Great Black -backed Gull	12
Cackling Goose	4	Rock Pigeon	741
Canada Goose	4474	Ringed-turtle Dove (escape)	4
Tundra Swan	55	Mourning Dove	392
Wood Duck	4	Eastern Screech-owl	20
Gadwall	6	Great-horned Owl	9
American Wigeon	6	Snowy Owl	1
Am. Black Duck	66	Barred Owl	3
Mallard	162	Long-eared Owl	1
Northern Pintail	2	Northern Saw-whet Owl	2
Green-winged Teal	6	Belted Kingfisher	20
Redhead	cw	Red-headed Woodpecker	1
Ring-necked Duck	8	Red-bellied Woodpecker	112
Long-tailed Duck	cw	Yellow-bellied Sapsucker	26
Bufflehead	31	Downey Woodpecker	96
Common Goldeneye	5	Hairy Woodpecker	16
Hoded Merganser	43	Northern (Yel-sh) Flicker	94
Common Merganser	674	Pileated Woodpecker	16
Ruddy Duck	3	Eastern Phoebe	3
Ring-necked Pheasant	13	Blue Jay	122
Wild Turkey	37	American Crow	515
Common Loon	3	Fish Crow	9
Pied-billed Grebe	2	crow sp.	59
Horned Grebe	cw	Common Raven	1
Double-crested Cormorant	1	Homed Lark	1721
Great Blue Heron	29	Carolina Chickadee	177
Black Vulture	212	chickadee sp.	18
Turkey Vulture	207	Tufted Titmouse	134
Bald Eagle, total	53	Red-breasted Nuthatch	3
adult	27	White-breasted Nuthatch	81
immature	23	Brown Creeper	22
age undetermined	3	Carolina Wren	149
Northern Harrier	8	Winter Wren	16
Sharp-shinned Hawk	10	Golden-gowned Kinglet	59
Cooper's Hawk	10	Ruby-crowned Kinglet	8
Red-shouldered Hawk	5	kinglet sp.	1
Red-tailed Hawk	57	Eastern Bluebird	199
Rough-legged Hawk	1	Hermit Thrush	20
Golden Eagle	1	American Robin	199
American Kestrel	19	Gray Catbird	1
American Coot	4	Northern Mockingbird	79
Killdeer	24	Brown Thrasher	1
Wilson's Snipe	7	European Starling	2479
Bonaparte's Gull	9	American Pipit	191
Ring-billed Gull	3974	Cedar Waxwing	57

SoLanCo CBC 2013

SPECIES	TOTALS
Yellow-rumped (myrtle) Warble	27
Palm Warbler	2
Eastern Towhee	33
American Tree Sparrow	12
Field Sparrow	5
Savannah Sparrow	40
Fox Sparrow	9
Song Sparrow	447
Swamp Sparrow	67
White-throated Sparrow	1369
White-crowned Sparrow	36
Dark-eyed (slate-colored) Junco	1243
Northern Cardinal	425
Red-winged Blackbird	150
Eastern Meadowlark	21
Rusty Blackbird	1
Common Grackle	106
Brown-headed Cowbird	126
blackbird so.	25
House Finch	81
American Goldfinch	176
House Sparrow	327
TOTAL BIRDS	23877
Total Species	102
Participants	44

LITITZ CHRISTMAS COUNT 2013

COMPILERS NAME:
SECTION #:

TOTAL INDIVIDUALS: 22,302
TOTAL SPECIES: 86

	RED-THROATED LOON	39	RED-TAILED HAWK
	COMMON LOON		ROUGH-LEGGED HAWK
	PIED-BILLED GREBE	11	AMERICAN KESTREL
	HORNED GREBE		MERLIN
	DOUBLE-CRESTED CORMORANT	CW	PEREGRINE FALCON
20	GREAT BLUE HERON	23	RING-NECKED PHEASANT
	GREAT EGRET		RUFFED GROUSE
	BLACK-CROWNED NIGHT-HERON	29	WILD TURKEY
22	BLACK VULTURE		VIRGINIA RAIL
59	TURKEY VULTURE		AMERICAN COOT
	GREATER WHITE-FRONTED GOOSE		SANDHILL CRANE
3653	SNOW GOOSE	2	KILLDEER
	ROSS' GOOSE	1	WILSON'S SNIPE
8347	CANADA GOOSE		BONAPARTE'S GULL
	CAKCLING GOOSE	57	RING-BILLED GULL
	BRANT		HERRING GULL
	MUTE SWAN		LESSER BLACK-BACKED GULL
1100	TUNDRA SWAN		GREAT BLACK-BACKED GULL
	WOOD DUCK	439	ROCK PIGEON
8	GADWALL	337	MOURNING DOVE
10	AMERICAN WIGEON	1	BARN OWL
994	AMERICAN BLACK DUCK	18	EASTERN SCREECH OWL
682	MALLARD	1	SNOWY OWL
	BLUE-WINGED TEAL	10	GREAT HORNED OWL
117	NORTHERN SHOVELER	1	BARRED OWL
2	NORTHERN PINTAIL	2	LONG-EARED OWL
18	GREEN-WINGED TEAL	1	SHORT-EARED OWL
	CANVASBACK		NORTHERN SAW-WHET OWL
	REDHEAD		RUFIOUS HUMMINGBIRD
4	RINGED-NECKED DUCK	9	BELTED KINGFISHER
	GREATER SCAUP	3	RED-HEADED WOODPECKER
	LESSER SCAUP	56	RED-BELLIED WOODPECKER
	SCAUP SP.	2	YELLOW-BELLIED SAPSUCKER
	OLDSQUAW	68	DOWNY WOODPECKER
	BUFFLEHEAD	19	HAIRY WOODPECKER
	COMMON GOLDENEYE	39	NORTHERN FLICKER
2	HOODED MERGANSER	6	PILEATED WOODPECKER
13	COMMON MERGANSER		EASTERN PHOEBE
	RED-BREASTED MERGANSER		ASH-THROATED FLYCATCHER
	RUDDY DUCK		LOGGERHEAD SHRIKE
5	BALD EAGLE		NORTHERN SHRIKE
3	BALD EAGLE (ADULT)	132	BLUE JAY
2	BALD EAGLE (IMM)	277	AMERICAN CROW
7	NORTHERN HARRIER	12	FISH CROW
	SHARP-SHINNED HAWK	1	COMMON RAVEN
4	COOPER'S HAWK	22	CROW SP.
	NORTHERN GOSHAWK	49	HORNED LARK
	ACCIPITER SP.	69	CAROLINA CHICKADEE

Lititz Christmas Bird Count

3	RED-SHOULDERED HAWK	23	BLACK CAPPED CHICKADEE
115	CHICKADEE SP.	305	SONG SPARROW
118	TUFTED TITMOUSE	9	SWAMP SPARROW
3	RED-BREASTED NUTHATCH	501	WHITE - THROATED SPARROW
49	WHITE-BREASTED NUTHATCH	5	WHITE - CROWNED SPARROW
8	BROWN CREEPER	455	DARK - EYED JUNCO
65	CAROLINA WREN		LAPLAND LONGSPUR
7	WINTER WREN		SNOW BUNTING
27	GOLDEN-CROWNED KINGLET	220	NORTHERN CARDINAL
1	RUBY-CROWNED KINGLET		RED - WINGED BLACKBIRD
73	EASTERN BLUEBIRD		EASTERN MEADOWLARK
	SWAINSON'S THRUSH		RUSTY BLACKBIRD
4	HERMIT THRUSH	80	COMMON GRACKLE
39	AMERICAN ROBIN	8	BROWN - HEADED COWBIRD
1	GRAY CATBIRD	100	BLACKBIRD SP.
24	NORTHERN MOCKINGBIRD		BALTIMORE ORIOLE
CW	BROWN THRASHER		COMMON REDPOLL
2585	EUROPEAN STARLING	1	PURPLE FINCH
	AMERICAN PIPIT	64	HOUSE FINCH
75	CEDAR WAXWING	2	PINE SISKIN
2	YELLOW-RUMPED WARBLER	64	AMERICAN GOLDFINCH
	PINE WARBLER		EVENING GROSBEAK
	PALM WARBLER	263	HOUSE SPARROW
	COMMON YELLOWTHROAT		
	YELLOW-BREASTED CHAT		
50	EASTERN TOWHEE		
123	AMERICAN TREE SPARROW		
1	CHIPPING SPARROW		
11	FIELD SPARROW		
	VESPER SPARROW		
8	SAVANNAH SPARROW		
3	FOX SPARROW		

Lancaster CBC 2013

Species	Totals	Species	Totals
Mute Swan	4	American Crow	13525
Snow Goose	2	Fish Crow	10
Canada Goose	7764	Homed Lark	101
Gadwall	34	Carolina Chickadee	129
American Black Duck	110	Black-capped Chickadee	3
Mallard	532	chickadee sp.	52
Green-winged Teal	13	Tufted Titmouse	131
Ring-necked Duck	2	White-breasted Nuthatch	54
Greater Scaup	2	Brown Creeper	17
Bufflehead	6	Winter Wren	16
Common Goldeneye	17	Carolina Wren	130
Hooded Merganser	1	Golden-gowned Kinglet	57
Common Merganser	48	Ruby-crowned Kinglet	9
Red-breasted Merganser	1	Eastern Bluebird	53
Wild Turkey	2	Hermit Thrush	5
Great Blue Heron	19	American Robin	42
Black Vulture	23	Gray Catbird	1
Turkey Vulture	12	Northern Mockingbird	35
Bald Eagle	13	Brown Thrasher	1
Northern Harrier	2	European Starling	884
Sharp-shinned Hawk	1	American Pipit	3
Cooper's Hawk	6	Cedar Waxwing	24
Red-shouldered Hawk	2	Palm Warbler	1
Red-tailed Hawk	32	Yellow-rumped Warbler	4
American Coot	5	Eastern Towhee	6
Ring-billed Gull	4020	American Tree Sparrow	10
Herring Gull	110	Field Sparrow	3
Great Black-backed Gull	122	Savannah Sparrow	37
Rock Pigeon	240	Fox Sparrow	2
Mourning Dove	454	Song Sparrow	216
Eastern Screech-Owl	1	Swamp Sparrow	7
Great-horned Owl	3	White-throated Sparrow	788
Snowy Owl	cw	White-crowned Sparrow	9
Barred Owl	1	Dark-eyed Junco	634
Belted Kingfisher	9	Northern Cardinal	335
Red-bellied Woodpecker	68	Red-winged Blackbird	1
Yellow-bellied Sapsucker	8	Common Grackle	1
Downy Woodpecker	112	Brown-headed Cowbird	2
Hairy Woodpecker	12	Purple Finch	1
Northern Flicker	63	House Finch	151
Pileated Woodpecker	8	American Goldfinch	201
American Kestrel	4	House Sparrow	195
Peregrine Falcon	1	Total Birds	31900
Eastern Phoebe	2	TOTAL SPECIES	85
Blue Jay	123		

2013 Lancaster County Year List

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

2013 Lancaster County Year List

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

TOTAL SPECIES 2013 = 258