

## Notes on Moncton Area Christmas Bird Counts

The Moncton area has held Christmas Bird Counts continuously since 1956. As the table below indicates, in four of the early years – 1957, 1958, 1959 and 1960 – CBCs with “Moncton-sounding” names were reported in more than one publication and/or the Audubon database. It was not known whether there were years with two separate counts or whether the count results were simply published in more than one journal.

In 2025 while converting New Brunswick’s CBC data into a searchable database, it became relevant to try and determine whether any of these count reports were duplicated and how to incorporate them into the database.

Using all the available reports and data, things get a little clearer. They also get a little muddier. But reasonable conclusions can, I think, be made and I have made some recommendations.

### 1. The Data

Examined were:

- Published reports in *Canadian Field Naturalist* (1956-1957), *Nature News* (1957-1960), and *Audubon Field Notes* (1958-1959)
- Audubon database (1958-1961)
- David Christie’s Excel spreadsheets, likely developed in the 1990s and covering every CBC area in the province up to 2000. David has two spreadsheets for the Moncton area:
  - Moncton-Shediac for 1958 to 1960
  - Moncton for 1961 to 2000.

#### Published Moncton Area CBC Data, 1956 to present

Year	Count Name	Publication
1956	Riverview Heights	CFN
1957	Riverview Heights	CFN
1957	Moncton-Riverview-Berrys Mills	NN
1958	Moncton	NN
1958	Moncton-Shediac	AFN
1958	Moncton	AUD
1959	Moncton-Shediac	NN
1959	Moncton-Shediac	AFN
1959	Moncton	AUD
1960	Moncton-Shediac	NN
1960	Moncton	AUD
1961 to today	Moncton	NN then NBNAT
1961 to today (various years)	Moncton	AUD

AFN – *Audubon Field Notes*

AUD – international database operated by Birds Canada and Audubon

CFN – *Canadian Field Naturalists*

## 2. Analysis by Year

Looking at each year's data:

### 1956

There was one report for 1956 so there is little else to say except that it was, along with Fredericton, one of two counts that year, the first year of New Brunswick's modern-era of Christmas Bird Counts. The count was called Riverview Heights and was probably compiled by Roger MacGregor, one of three participants.

Recommend including the results of this count in the database under Riverview Heights (and considering it to be the first Moncton-area CBC).

### 1957

There seem to have been two distinct counts in the Moncton area in 1957. One, reported in *Canadian Field Naturalists*, was done on December 29, reported by Roger MacGregor and was called "Riverview Heights, NB". The other, reported in *Nature News*, took place over three days in late December and early January. It was compiled by Fred Bone and was called "Moncton-Riverview-Berrys Mills". The species and number of individuals on each count vary considerably. Berrys Mills is just west of the edge of the current Moncton count circle.

Recommend that both counts be included in the database under Riverview Heights and Moncton-Riverview-Berrys Mills.

### 1958

The two 1958 counts, reported in two different publications ("Moncton" in *Nature News* and "Moncton-Shediac" in *Audubon Field Notes*) show a number of differences, including count name, but have too many similarities to not be considered as representing the same count.

- Date, weather conditions, and numbers for most species are identical in both reports.
- The number of individuals for three species differ by one and *Nature News* includes "Street pigeons".
- *Nature News* lists Richard Whitman as the compiler with Roger MacGregor, Fred Bone and others as participants; *Audubon Field Notes* mentions Fred Bone as the contributor and states there was only one count participant.
- Audubon database matches the *Audubon Field Notes* report – which is not surprising given that the database was developed circa 2000 from Audubon publications – *Bird Lore Bird*, *Audubon Field Notes*, *Audubon Magazine* and *American/North American Birds*.
- David Christie's Moncton-Shediac spreadsheet data matches the *Nature News* report – also not surprising as David was an editor with *Nature News* and its successor *NB Naturalist*.

The Shediac area would not fit within the current Moncton CBC circle, but the 1958 count circle was centred on Lakeville, extending from Pointe-du-Chêne in the east to Riverview Heights in



the west. Shediak has been surveyed as a separate and non-overlapping count circle since 1989 and in 1968.

Recommend using the published report in *Nature News* (and the David Christie spreadsheet data) as the only CBC for Moncton area and under the name Moncton-Shediak.

### 1959

Fred Bone was the compiler/contributor of the Moncton-Shediak report according to the reports in both *Audubon Field Notes* and *Nature News*. Other than Rock Pigeons, not being included in the *Audubon Field Notes* report and the number of miles on foot being higher in the *Nature News* report, the two reports are identical.

The Audubon database matches the *Audubon Field Notes* report and David Christie's spreadsheet data matches the *Nature News* report.

Recommend using the *Nature News* report under the Moncton-Shediak name as being more complete, although precise location of count circle centre and description of area and terrain, as described in *Audubon Field Notes*, is helpful.

### 1960

There is a published report in *Nature News* for Moncton-Shediak and a Moncton count on the Audubon database for 1960.

David Christie's spreadsheet, although it clearly follows the *Nature News* report, has "modifications". The number of individuals for six species are increased by, usually one or a few, but by 150 in the case of European Starlings. Count Week (CW) species are also mostly listed as numbers (1-3) rather than "CW". Where did David get these additional figures when he was preparing his spreadsheet some 30 years after the published report?

What is more puzzling is that, for 1960, there was no Audubon publication that published a Moncton area count and from which the Audubon database for those years has usually been sourced. The 1960 Audubon data matches David Christie's spreadsheet though. David's spreadsheet and the Audubon data are not materially different to the *Nature News* report, but it implies that David and Audubon were in contact.

**With the Audubon database apparently developed in the late 1990s at around the same time as David prepared spreadsheets for every count area in New Brunswick, I wonder if there was a plan to import all of the New Brunswick data to the Audubon database – at least 75% of which had never been reported to an Audubon publication and would therefore not be automatically included in the database. In working now to get all of New Brunswick's historical CBC data into a database, I wish it had been!**

Recommend using the Audubon database or the David Christie spreadsheet figures for 1960, under the name Moncton-Shediak.

### 1961 to present

From 1961 to today, there has been a single Moncton CBC. Results have been published annually by *Nature News* and then by its successor publication, *NB Naturalist*. In certain years – and every year since 2002, results have also been posted to the Audubon database.

Recommend using results as published.

### 3. Conclusions

The Moncton area Christmas Bird Counts from the late 1950s and early 1960s should be allocated to the database of New Brunswick's Christmas Bird Counts as follows:

- Under the "Riverview Heights" name
  - 1956 as per *Canadian Field Naturalists* report
  - 1957 as per *Canadian Field Naturalists* report
- Under the "Moncton-Riverview-Berrys Mills" name
  - 1957 as per *Nature News* report
- Under the "Moncton-Shediac" name
  - 1958 as per *Nature News* report (for "Moncton")
  - 1959 as per *Nature News* report
  - 1960 as per David Christie spreadsheet or Audubon database
- Under the "Moncton" name
  - 1961 to today as per *Nature News* and *NB Naturalist* reports

#### Allocation of Moncton Area CBC Data to Provincial CBC Database, 1956 to present

Year	Count Name	Publication	For Database
1956	Riverview Heights	CFN	Riverview Heights
1957	Riverview Heights	CFN	Riverview Heights
1957	Moncton-Riverview-Berrys Mills	NN	Moncton-Riverview-Berrys Mills
1958	Moncton	NN	Moncton-Shediac
1958	Moncton-Shediac	AFN	N/A
1958	Moncton	AUD	N/A
1959	Moncton-Shediac	NN	Moncton-Shediac
1959	Moncton-Shediac	AFN	N/A
1959	Moncton	AUD	N/A
1960	Moncton-Shediac	NN	N/A
1960	Moncton	AUD	Moncton-Shediac
1961 to today	Moncton	NN then NBNAT	Moncton
1961 to today (various years)	Moncton	AUD	Moncton



**Riverview Heights, N.B.** (Base point Riverview Heights, Pine Glen Road,  $\frac{1}{4}$  mile on Highway 14, Bulmer's Pond, and Interprovincial Home for Girls). — Dec. 31, 1956; windy; temp.  $-10^{\circ}$  to  $0^{\circ}$ ; streams and ponds frozen, Petitcodiac River choked with ice. 2 observers in 1 party. Total party hours, 2 (on foot).

Ducks (sp.), 4; Great Black-backed Gull, 2; Herring Gull, 20; Am. Crow, 32; Common Starling, 43; English Sparrow, 69. Total, 6 species; 170 individuals.

—Roger H. MacGregor, H. MacGregor, Brian Ellis.

1957 Riverview Heights

CFN

**Riverview Heights, N.B.** (Streets and roads in Riverview. Woods surrounding Riverview. 1 mile west on Highway 29 to bridge crossing Petitcodiac River. 5 miles east on Highway 29 and 3 miles south on Turtle Creek Road on which periodical checks of the surrounding woods were made).—Dec. 29, 1957; 11.15 a.m. to 2.45 p.m.; temp. 38° to 28°; wind SE, 8 m.p.h.; mild, ground muddy, a few patches of light snow, overcast. 4 observers in 1 party. Total party hours, 7 hr. 45 min. (45 minutes on foot, 7 hr. by car); total party miles, 9 (1 on foot, 8 by car).

Black Duck, 119; Ruffed Grouse, 1; Ring-necked Pheasant, 2; Great Black-backed Gull, 61; Herring Gull, 285; Downy Woodpecker, 1; Gray Jay, 4; Blue Jay, 8; Common Crow, 2 and 3; Mockingbird, 1; Starling, 35 and 30; House Sparrow, 5 and 35; Common Grackle, 1; Pine Grosbeak, 1; Common Redpoll, 12; Tree Sparrow, 2; Chipping Sparrow, 1. Total, 17 species; 604 individuals.

Roger MacGregor (compiler), Harry MacGregor, Mrs. Harry MacGregor, Scott MacGregor.



1957 Moncton

( - Riverview - Berry Mills )

NN

W. A. Squires, Curator.

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### CHRISTMAS BIRD COUNT

Saint John, N.B. Dec. 30, 1957; 730 a.m. to 5.00 p.m.; clear in morning becoming hazy; temp. 30°-40°; ground bare; wind N.W. 10-20 mph; 8 observers in 6 parties; Total mileage 65½ (21½ on foot, 44 by car).

Common Loon, 1; Horned Grebe, 1; Black Duck, 16; Common Goldeneye, 35; Goshawk, 1; Ruffed Grouse, 4; Glaucous Gull, 2; Iceland Gull, 3; Great Black-backed Gull, 1950+; Herring Gull, 9661+; Domestic Pigeon, 103; Hairy Woodpecker, 3; Downy Woodpecker, 8; Blue Jay, 5; Common Raven, 21; Common Crow, 217; Black-capped Chickadee, 59; Boreal (Brown-capped) Chickadee, 6; Red-breasted Nuthatch, 3; Brown Creeper, 1; Robin, 2; Golden-crowned Kinglet, 3; Starling, 425+; Nashville Warbler, 1; House (English) Sparrow, 395+; Eastern Meadowlark, 1; Common Grackle, 20; Evening Grosbeak, 2; Pine Grosbeak, 13; Common Redpoll, 20; Pine Siskin, 2; Slate-coloured Junco, 35; Tree Sparrow, 31; White-throated Sparrow, 1. Total species 34; about 19052 individuals. David Christie, Mrs. C.S. Christie, Miss Jane Hazen, Donald MacDougall, Stuart MacFarlane, Mrs. Ashley J. Smith, W. Austin Squires, Murray Watters.

3-days

Moncton - Riverview - Berrys Mills. Dec. 29, 30, 1957 & Jan. 1, 1958. temp. 32°-40°; ground bare; 5 observers in 3 parties. Total hours 16; total mileage 82 (12 on foot, 70 by car).

- 2 -

Black Duck, 115; Ruffed Grouse, 1; Ring-necked Pheasant, 1; Great Black-backed Gull, 120+; Herring Gull, 719+; Rock Dove (Street Pigeon), 27; Blue Jay, 14; Common Raven, 6; Common Crow, 111; Black-capped Chickadee, 22; Red-breasted Nuthatch, 1; Starling, 276; House (English) Sparrow, 295; Pine Grosbeak, 18; Common Redpoll, 102; White-winged Crossbill, 4; Slate-coloured Junco, 45; Tree Sparrow, 8. Total species 18, total individuals about 1885. Fred Bone, Miss Della Layton, Wayne Sears, R.J. Whitman and S.D. Whitman.

1958 Moncton

NN

(Riverview to Point-du-Chene)

Moncton, N.B. (Riverview Heights to Shediac and Point-du-Chene). Dec.  
27, 1958; 6.00 a.m. to 5.00 p.m.; sunny; temp. 5° to 25°; 15 inches snow;  
wind west 15 mph; 2 observers. Total mileage 82 (on foot 5, car 77).  
Great Black-backed Gull, 18; Herring Gull, 420; Rock Dove (Street Pigeon),  
178; Downy Woodpecker, 1; Blue Jay, 12; Common Raven, 185; Black-capped  
Chickadee, 6; Boreal Chickadee, 5; Starling, 162; House Sparrow, 220;  
Evening Grosbeak, 1; Common Redpoll, 12; Slate-coloured Junco, 11. Fred  
Bonar, Roger McGregor, Richard Whitman (compiler), S.D. Whitman.

✓ = same as AFN report for 1958  
○ = different to AFN report

Two 1958 counts, both with  
13 species BUT NN lists  
Rock Pigeon ("Street Pigeon") and  
AFN lists RBGU.

(13 sps)

	NN	AFN
	38	
	410	
	78	0-78
	1	
	12	13+1
	176	
	6	7+1
	2	
	162	
	216	
	4	
	12	13+1
	11	6+6
Ring-billed Pigeon	0	0
	1128	1059



1958 Moncton-Shediac

AFN

6. Moncton-Shediac, N. B. (all points within a 15-mile diameter circle, center Lakeville; Moncton golf course to Shediac, including Swifts Packing Plant on Petitcodiac River—open all year, tidal bore twice daily; mixed second-growth woodland, mostly conifer 50%, Tamarack and Black Spruce bog 15%, farmland 15%, fresh-water rivers and lakes 10%, marshland 5%, city and villages 5%).—Dec. 27; 8 a.m. to 5 p.m. Clear; temp. 5° to 25°; wind W, 15 m.p.h.; 15-in. snow on ground. One observer. Total hours, 9 (5 on foot, 4 by car); total miles, 88 (11 on foot, 77 by car). ► Great Black-backed Gull, 38; Herring Gull, 410; Ring-billed Gull, 6; Downy Woodpecker, 1; Blue Jay, 13; Common Raven, 176; Black-capped Chickadee, 7; Boreal Chickadee, 2; Starling, 162; House Sparrow, 216; Evening Grosbeak, 4; Common Redpoll, 13; Slate-colored Junco, 11. Total, 13 species; about 1059 individuals. (Seen in area count period, but not on count day: Black Duck, Ring-necked Pheasant, Brown-headed Cowbird.)—Fred Bone.

O = <sup>different</sup> ~~not included~~ in NN report  
□ = not included in NN report

1959 Moncton - Shediac

NN

Moncton-Shediac, N.B. Jan. 2, 1960; 8.00 a.m. to 5.00 p.m.; clear and sunny; temp. 24°F; wind 12; 12 inches of snow; 4 observers in one party. Total mileage 96 (11 on foot, 85 by car).  
 Black Duck, 9; Common Goldeneye, 32; Common Merganser, 1; Great Black-backed Gull, 375; Herring Gull, 740; Rock Dove, 43; Gray Jay, 2; Blue Jay, 2; Common Raven, 128; Common Crow, 27; Black-capped Chickadee, 11; Boreal Chickadee, 2; Red-breasted Nuthatch, 1; Brown Creeper, 1; Golden-crowned Kinglet, 1; Starling, 375; House Sparrow, 246; Brown-headed Cowbird, 1; Evening Grosbeak, 57; Common Redpoll, 24; White-winged Crossbill, 4; Slate-coloured Junco, 5; Song Sparrow, 2; Snow Bunting, 127. Total species, 24, about 259 individuals. Seen during the count period, Canada Goose, Hairy Woodpecker, Downy Woodpecker. Fred Bone (compiler), Wayne Sears, R. Whitman, S.D. Whitman.

due to Rock Dove

✓ = same as AFN report

0 = different in AFN report

□ = not included in AFN report



6. Moncton-Shediac, N. B. (all points within a 15-mile diameter circle, center Lakeville; Moncton golf course to Shediac Bay, including Swifts Packing Plant on Petitcodiac River—open all year, tidal bore twice daily; mixed second-growth woodland, mostly conifer 50%, Tamarack and Black Spruce bog 15%, farmland 15%, fresh-water rivers and lakes 10%, marshland 4%, salt water 1%, city and villages 5%). —Jan. 1; 8 a.m. to 5 p.m. Clear; temp. 10° to 20°; wind N, 3 m.p.h.; 12-in. snow on ground. One observer. Total hours, 9 (3 on foot, 6 by car); total miles, 92 (7 on foot, 85 by car). ► Black Duck, 98; Common Goldeneye, 37; Common Merganser, 1; Great Black-backed Gull, 375; Herring Gull, 790; Gray Jay, 3; Blue Jay, 9; Common Raven, 128; Common Crow, 87; Black-capped Chickadee, 11; Boreal Chickadee, 2; Red-breasted Nuthatch, 2; Brown Creeper, 1; Golden-crowned Kinglet, 1; Starling, 373; House Sparrow, 396; Brown-headed Cowbird, 2; Evening Grosbeak, 57; Common Redpoll, 32; White-winged Crossbill, 4; Slate-colored Junco, 5; Song Sparrow, 1; Snow Bunting, 127. Total, 23 species; about 2542 individuals. (Seen in area count period, but not on count day: Canada Goose, Hairy Woodpecker, Downy Woodpecker.) —Fred Bone.

0 = different in NN report

fewer than NN  
report due to  
48 pigeons

1960 moncton-shediac

NN

Moncton-Shediac. Dec. 31, 1960; 7.00 a.m. to 5.00 p.m.; fine, temp. 35°; wind 10 mph; 3 observers. Total mileage 115 (5 on foot, 110 by car). Common Goldeneye, 7; Oldsquaw, 6; Common Eider, 292; Common Merganser, 3; Red-breasted Merganser, 4; Great Black-backed Gull, 282; Herring Gull, 350; Ring-billed Gull, 4; Rock Dove, 82; Blue Jay, 10; Common Raven, 56; Common Crow, 6; Black-capped Chickadee, 1; Golden-crowned Kinglet, 2; Starling, 1056; House Sparrow, 318; Evening Grosbeak, 33; Common Redpoll, 6. Total species 18; about 2518 individuals. Seen during count period Ring-necked Pheasant, Glaucous Gull, Hairy Woodpecker, Robin, Tree Sparrow. Fred Bone, Douglas Whitman, Richard Whitman.

↑  
compiler?



1961 Moncton

NN

Moncton, N.B. Dec. 30, 1961; 8.00 a.m. to 4.40 p.m.; clear a.m. cloudy, snow, p.m.; temp. 22°-25°F; wind W-SW, 10-15 mph; snow 12 in.; 21 observers in 5 parties (10 at feeders). Total mileage 198 (30 on foot, 168 by car). Black Duck, 15; Sharp-shinned Hawk, 1; Ruffed Grouse, 1; Gray Partridge, 13; Glaucous Gull, 26; Iceland Gull, 14; Great Black-backed Gull, 414; Herring Gull, 1199; Ring-billed Gull, 34; Rock Dove, 140; Snowy Owl, 1; Short-eared Owl, 1; Hairy Woodpecker, 5; Downy Woodpecker, 7; Horned Lark, 16; Gray Jay, 2; Blue Jay, 56; Common Raven, 60; Common Crow, 12; Black-capped Chickadee, 83; Boreal Chickadee, 34; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 7; Brown Creeper, 1; Robin, 1; Golden-crowned Kinglet, 15; Starling, 721; House Sparrow, 701; Evening Grosbeak, 153; Purple Finch, 7; Pine Grosbeak, 88; Common Redpoll, 322; Pine Siskin, 2; Slate-coloured Junco, 7; Tree Sparrow, 2; Song Sparrow, 6; Snow Bunting, 35. Total species 37, about 4203 individuals. Dr. & Mrs. C.R. Baxter, Fred Bone, Mrs. Owen Branscombe, Peter Candido, Dr. C.E. Doyle, Dr. A.J. Erskine, Dr. & Mrs. J.A. Fownes, Roy E. Hunter, V. LeBlanc, Alan Madden, Dr. & Mrs. M. Maika, W.E. Sears, Mr. & Mrs. C.E. Sharp, Mrs. Olaf Thompson, S.D. Whitman, R. Whitman, Erwin Williams.

↑  
compiled?

Moncton-Shed.	58	59	60	Max
Red-thr Loon				0
Pac./Arctic Loon				0
Common Loon				0
Pied-bill Grebe				0
Horned Grebe				0
Red-neck Grebe				0
North Fulmar				0
Grt Shearwater				0
Northern Gannet				0
Grt Cormorant				0
D-cr Cormorant				0
Americ Bittern				0
Great Bl Heron				0
Blk-c Nt-Heron				0
Tundra Swan				0
Grt W-fr Goose				0
Snow Goose				0
Brant				0
Canada Goose		*		0
Wood Duck				0
Green-wing Teal				0
Am Black Duck		98		98
Mallard				0
Northern Pintail				0
Blue-wing Teal				0
Gadwall				0
Americ Wigeon				0
Canvasback				0
Ring-neck Duck				0
Greater Scaup				0
Lesser Scaup				0
Common Eider			300	300
King Eider				0
Harlequin Duck				0
Oldsquaw			6	6
Black Scoter				0
Surf Scoter				0
Wh-wing Scoter				0
Com Goldeneye		37	7	37
Barr Goldeneye				0
Bufflehead				0
Hood Merganser				0
Com Merganser		1	3	3
Red-br Mergans			4	4
Ruddy Duck				0
Turkey Vulture				0
Osprey				0
Bald Eagle				0
Northn Harrier				0
Sharp-Shn Hawk				0
Cooper's Hawk				0
Northn Goshawk				0
Red-shldr Hawk				0
Broad-w Hawk				0
Red-tailed Hawk				0
Rough-leg Hawk				0
Golden Eagle				0
Americ Kestrel				0
Eur Kestrel				0
Merlin				0
Peregrine Falcon				0
Gyr Falcon				0
Gray Partridge				0
R-nk Pheasant			3	3
Spruce Grouse				0
Ruffed Grouse				0
Wild Turkey				0
Virginia Rail				0
Purple Gallinule				0
American Coot				0
Killdeer				0
Red Knot				0
Sanderling				0
Purple Sandpiper				0
Dunlin				0

NN 1960 numbers

292

✓

✓

✓  
✓

cw

David Christie spreadsheet

1958 = NN report

1959 = NN report

1960 = NN report plus "modifications"

- Number for 6 species increased by 1-150

- CW species <sup>mostly</sup> listed as numbers, 1-3



Moncton-Shed.	58	59	60	Max
Common Snipe				0
Amer Woodcock				0
(phalarope)				0
Com Blk-hd Gull				0
Bonaparte's Gull				0
Ring-billed Gull			4	4
Herring Gull	410	790	375	790
Thayer's Gull				0
Iceland Gull				0
Glaucous Gull			1	1
Grt Blk-bk Gull	38	375	282	375
B-leg Kittiwake				0
Ivory Gull				0
Common Tern				0
(tern)				0
Dovekie				0
Common Murre				0
Thick-bl Murre				0
Razorbill				0
Black Guillemot				0
Atlantic Puffin				0
Rock Dove	78	48	82	82
Wh-wing Dove				0
Mourning Dove				0
Com Barn-Owl				0
E Screech-Owl				0
Grt Horned Owl				0
Snowy Owl				0
North Hawk-Owl				0
Barred Owl				0
Great Gray Owl				0
Long-eared Owl				0
Short-ear Owl				0
Boreal Owl				0
N Saw-whet Owl				0
Beltd Kingfisher				0
Red-hd Woodpkr				0
Red-bellied Wdpkr				0
Yel-b Sapsucker				0
Downy Woodpkr	1	*		1
Hairy Woodpkr		*	1	1
3-toed Woodpkr				0
Blk-bk Woodpkr				0
Northn Flicker				0
Pileated Wdpkr				0
Eastern Phoebe				0
Westn Kingbird				0
Horned Lark				0
Tree Swallow				0
Gray Jay		3		3
Blue Jay	12	9	11	12
American Crow		87	6	87
Common Raven	176	128	72	176
Blk-cap Chickad	6	11	2	11
Boreal Chickade	2	2		2
Tufted Titmouse				0
Red-br Nuthatch		2		2
Wh-br Nuthatch				0
Brown Creeper		1		1
Carolina Wren				0
Winter Wren				0
Marsh Wren				0
Gold-cr Kinglet		1	2	2
Ruby-cr Kinglet				0
Hermit Thrush				0
American Robin			1	1
Varied Thrush				0
Gray Catbird				0
No Mockingbird				0
Brown Thrasher				0
Water Pipit				0
Bohem Waxwing				0
Cedar Waxwing				0
Northern Shrike				0
Loggerhd Shrike				0

✓  
350

cy

✓

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10  
✓  
56  
1

✓

cy

Moncton-Shed.	58	59	60	Max
Europn Starling	162	373	1200	1200
Nashville Warbl				0
Yellow Warbler				0
Yel-ru Warbler				0
Pine Warbler				0
Palm Warbler				0
Blackpoll Warbler				0
C Yellowthroat				0
Yellow-br Chat				0
Northn Cardinal				0
Rose-br Grosbk				0
Indigo Bunting				0
Dickcissel				0
Ruf-sid Towhee				0
A Tree Sparrow			*	0
Chipping Sparro				0
Field Sparrow				0
Lark Sparrow				0
Savannah Sparr				0
Grasshop Sparr				0
Shp-t Sparrow				0
Seaside Sparrow				0
Fox Sparrow				0
Song Sparrow		1		1
Lincoln Sparrow				0
Swamp Sparrow				0
Wh-thr Sparrow				0
Wh-crn Sparrow				0
Dk-eyed Junco	11	5		11
Lapld Longspur				0
Snow Bunting		127		127
Red-w Blackbird			*	0
Eas Meadowlark				0
Rusty Blackbird				0
Brewer's Blkbd				0
Commn Grackle				0
Brn-hd Cowbird		2		2
Northern Oriole				0
Pine Grosbeak				0
Purple Finch				0
House Finch				0
Red Crossbill				0
Wh-w Crossbill		4		4
Common Redpol	12	32	6	32
Hoary Redpoll				0
Pine Siskin				0
Amer Goldfinch				0
Evening Grosbk	4	57	33	57
House Sparrow	216	396	500	500
Unidentified				0
TOTAL BIRDS	1128	2590	2901	2901
TOTAL SPECIES	13	24	22	24
Add. Spp. in Period		3	2	3
Hrs on foot	?	?	1	1
Hrs by car	?	?	8	8
Hrs othwise				0
TOTAL HOURS	9?	9	9	9
Mi/Km on foot	5	11	2	11
Mi/Km by car	77	85	115	115
Mi/Km otherwise				0
TOTAL MI/KM	82	96	117	117
No. of observers	4	4	3	4
No. of parties	1?	1	1	1
Feeder reports				0
Mean temp.	15	20	27.5	20.83
Mean wind speed	15	?	10	12.5
Sky	0	0	0	0
Precipitation	0	0	0	0
Precip duration	0	0%	0%	0
Mean snow dept	15	12	?	13.5
FW ice	?	?	?	#####
Sea ice	?	?	?	#####
Date	27	26	31	

1056

✓

NO

✓

✓

316

2516

19



AUDUBON DATABASE REPORTS

Moncton - 1958, 1959, 1960

Historical Results By Count

Printout Date: 4/7/2025

Count Name: Moncton  
Latitude/Longitude: 46.0853980000/-64.7870940000  
Count Code: NBMO

Weather

Year	Low Temp.	High Temp.	AM Clouds	PM Clouds	AM Rain	PM Rain	AM Snow	PM Snow
------	-----------	------------	-----------	-----------	---------	---------	---------	---------

Effort

Year	Count Date	Num. Participants	Num. Hours	Num. Species Reported
	61 12/31/1960		1	9.00
	60 01/01/1960		1	9.00
	59 12/27/1958		1	9.00

Sponsoring Organization

Year	Sponsoring Organization
61	
60	
59	

Checklist

Species	Year	Count Date	# Participants	# Species Reported	Total Hrs.: 9.00
Canada Goose [Branta canadensis]	1958 [59]	12/27/1958			
	Num/Party Hrs.:				
	Flags:				
American Black Duck [Anas rubripes]	1959 [60]	1/1/1960			
	Num/Party Hrs.:				
	Flags:				
Common Elder [Somateria mollissima]	1960 [61]	12/31/1960			
	Num/Party Hrs.:				
	Flags:				
Long-tailed Duck [Clangula hyemalis]					
	Num/Party Hrs.:				
	Flags:				

Historical Results By Count

Printout Date: 4/7/2025

1958 13  
Matches AFN report 3  
1959 23  
Matches AFN report 3  
1960 21  
Matches AFN report 3

Matches David Christie  
spreadsheet  $\Rightarrow$  0 where dead  
David get  
his numbers?  
 $\Rightarrow$  where did  
Audobon get  
Same numbers

Species	1960 [61] Count Date: 12/31/1960 # Participants: # Species Reported: Total Hrs.: 9.00
Canada Goose [Branta canadensis]	
American Black Duck [Anas rubripes]	
Common Elder [Somateria mollissima]	300 33,3333
Long-tailed Duck [Clangula hyemalis]	6 0.6667

As far as I know,  
Audubon databases  
were developed circa  
2000 from  
Audubon publications -  
Bird Lore, AFN, Birds

# Historical Results By Count

Printout Date: 4/7/2025

Species	1958 [59]		1959 [60]	
	Count Date: 12/27/1958 # Participants: # Species Reported: Total Hrs.: 9.00		Count Date: 1/1/1960 # Participants: # Species Reported: Total Hrs.: 9.00	
Common Goldeneye [Bucephala clangula]	Number:		37	
	Num/Party Hrs.:		4.1111	
	Flags:			
Common Merganser [Mergus merganser]	Number:		1	
	Num/Party Hrs.:		0.1111	
	Flags:			
Red-breasted Merganser [Mergus serrator]	Number:			
	Num/Party Hrs.:			
	Flags:			
Ring-necked Pheasant [Phasianus colchicus]	Number:	cw		
	Num/Party Hrs.:	0.0000		
	Flags:			
Ring-billed Gull [Larus delawarensis]	Number:	6		
	Num/Party Hrs.:	0.6667		
	Flags:			
Herring Gull [Larus argentatus]	Number:	410	790	
	Num/Party Hrs.:	45.5556	87.7778	
	Flags:			
Glaucous Gull [Larus hyperboreus]	Number:			
	Num/Party Hrs.:			
	Flags:			
Great Black-backed Gull [Larus marinus]	Number:	38	375	
	Num/Party Hrs.:	4.2222	41.6667	
	Flags:			
Downy Woodpecker [Picoides pubescens]	Number:	1	cw	
	Num/Party Hrs.:	0.1111	0.0000	
	Flags:			
Hairy Woodpecker [Picoides villosus]	Number:		cw	
	Num/Party Hrs.:		0.0000	
	Flags:			
Gray Jay [Perisoreus canadensis]	Number:		3	
	Num/Party Hrs.:		0.3333	
	Flags:			

# Historical Results By Count

Printout Date: 4/7/2025

Species	1960 [61]	
	Count Date: 12/31/1960 # Participants: # Species Reported: Total Hrs.: 9.00	
Common Goldeneye [Bucephala clangula]	7	
	0.7778	
Common Merganser [Mergus merganser]	3	
	0.3333	
Red-breasted Merganser [Mergus serrator]	4	
	0.4444	
Ring-necked Pheasant [Phasianus colchicus]	3	
	0.3333	
Ring-billed Gull [Larus delawarensis]	4	
	0.4444	
Herring Gull [Larus argentatus]	375	
	41.6667	
Glaucous Gull [Larus hyperboreus]	1	
	0.1111	
Great Black-backed Gull [Larus marinus]	282	
	31.3333	
Downy Woodpecker [Picoides pubescens]		
Hairy Woodpecker [Picoides villosus]	1	
	0.1111	
Gray Jay [Perisoreus canadensis]		



# Historical Results By Count

Printout Date: 4/7/2025

Species	1958 [59]		1959 [60]	
	Count Date: 12/27/1958	# Participants: # Species Reported: Total Hrs.: 9.00	Count Date: 1/1/1960	# Participants: # Species Reported: Total Hrs.: 9.00
Blue Jay [Cyanocitta cristata]	Number:	13	9	
	Num/Party Hrs.:	1.4444	1.0000	
American Crow [Corvus brachyrhynchos]	Flags:			
	Number:		87	
Common Raven [Corvus corax]	Num/Party Hrs.:		9.6667	
	Flags:			
Black-capped Chickadee [Poecile atricapillus]	Number:	176	128	
	Num/Party Hrs.:	19.5556	14.2222	
Boreal Chickadee [Poecile hudsonicus]	Flags:			
	Number:	7	11	
Red-breasted Nuthatch [Sitta canadensis]	Num/Party Hrs.:	0.7778	1.2222	
	Flags:			
Brown Creeper [Certhia americana]	Number:	2	2	
	Num/Party Hrs.:	0.2222	0.2222	
Golden-crowned Kinglet [Regulus satrapa]	Flags:			
	Number:			
American Robin [Turdus migratorius]	Num/Party Hrs.:		1	
	Flags:			
European Starling [Sturnus vulgaris]	Number:	162	373	
	Num/Party Hrs.:	18.0000	41.4444	
Snow Bunting [Plectrophenax nivalis]	Flags:			
	Number:		127	
	Num/Party Hrs.:		14.1111	
	Flags:			

# Historical Results By Count

Printout Date: 4/7/2025

Species	1960 [61]	
	Count Date: 12/31/1960	# Participants: # Species Reported: Total Hrs.: 9.00
Blue Jay [Cyanocitta cristata]	11	
	1.2222	
American Crow [Corvus brachyrhynchos]	6	
	0.6667	
Common Raven [Corvus corax]	72	
	8.0000	
Black-capped Chickadee [Poecile atricapillus]	2	
	0.2222	
Boreal Chickadee [Poecile hudsonicus]		
Red-breasted Nuthatch [Sitta canadensis]		
Brown Creeper [Certhia americana]		
Golden-crowned Kinglet [Regulus satrapa]	2	
	0.2222	
American Robin [Turdus migratorius]	1	
	0.1111	
European Starling [Sturnus vulgaris]	1200	
	133.3333	
Snow Bunting [Plectrophenax nivalis]		

# Historical Results By Count

Printout Date: 4/7/2025

Species	Year	1958 [59] Count Date: 12/27/1958 # Participants: # Species Reported: Total Hrs.: 9.00	1959 [60] Count Date: 1/1/1960 # Participants: # Species Reported: Total Hrs.: 9.00
Dark-eyed Junco (Slate-colored)	Number:	11	5
Junco hyemalis hyemalis/carolinensis	Num/Party Hrs.:	1.2222	0.5556
	Flags:		
Song Sparrow	Number:		1
[Melospiza melodia]	Num/Party Hrs.:		0.1111
	Flags:		
Red-winged Blackbird	Number:		
[Agelaius phoeniceus]	Num/Party Hrs.:		
	Flags:		
Brown-headed Cowbird	Number:	CW	2
[Molothrus ater]	Num/Party Hrs.:	0.0000	0.2222
	Flags:		
White-winged Crossbill	Number:		4
[Loxia leucoptera]	Num/Party Hrs.:		0.4444
	Flags:		
Common Redpoll	Number:	13	32
[Acanthis flammea]	Num/Party Hrs.:	1.4444	3.5556
	Flags:		
Evening Grosbeak	Number:	4	57
[Coccothraustes vespertinus]	Num/Party Hrs.:	0.4444	6.3333
	Flags:		
House Sparrow	Number:	216	396
[Passer domesticus]	Num/Party Hrs.:	24.0000	44.0000
	Flags:		

## Compiler(s)

Year	First Name	Last Name	Email	Is Primary Compiler
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## Participants(s)

Year	First Name	Last Name
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# Historical Results By Count

Printout Date: 4/7/2025

Species	1960 [61] Count Date: 12/31/1960 # Participants: # Species Reported: Total Hrs.: 9.00
Dark-eyed Junco (Slate-colored)	
Junco hyemalis hyemalis/carolinensis	
Song Sparrow	
[Melospiza melodia]	
Red-winged Blackbird	CW
[Agelaius phoeniceus]	0.0000
Brown-headed Cowbird	
[Molothrus ater]	
White-winged Crossbill	
[Loxia leucoptera]	
Common Redpoll	6
[Acanthis flammea]	0.6667
Evening Grosbeak	33
[Coccothraustes vespertinus]	3.6667
House Sparrow	500
[Passer domesticus]	55.5556