

CHRISTMAS BIRD COUNT

Sackville, N.B. - 1965 - *to date*

Summary 1960-64 incl.

131.14
CWS-AR

DATA

SACKVILLE, New Brunswick - Christmas Bird Count - Summary

Sackville, New Brunswick - Summary of Christmas Bird Counts

Year	Day covered	Observers		Mile		Hours		Snow cover	Temp. °F.	Wind(mph)	Ice conditions	
		field	observers	feeders	foot	car(ski-doo)	foot					car
1960	Dec. 24	3 in 3 parties		2	27	67	10	6	1" new	11-22	5-10	
1961	Dec. 26	11 in 4-5 part.		2	33	104	16	7	12" crust	20-24	15-20	
1962	Dec. 20	9 in 4 parties		9	24	122	12	10	10"	25-5	25 gust - 45	fw frozen;
1963	Dec. 20	3 in 2 parties		1	6	28	3½	1½	6-15" drifts	10-20	5-15	fw frozen;sw open
1964	Dec. 30	5 in 3 parties		7	24	55	14½	5½	3-6" wet	31-34	0-5	
1965	Dec. 28	8 in 4 parties		10	22	116	13½	10½	8"	-2-+14	0-2	fw pt open;
1966	Dec. 27	6 in 4 parties		3	24	121	12 3/4	13 3/4	2-4"fresh	-	10-15	fw frozen;sw open
1967	Dec. 27	8 in 6 parties		8	46	146	29¼	8 3/4	4-8"crusty	-	5-10	fw frozen;sw open
1968	Dec. 23	6 in 4-5 part.		7	32	98	23½	11	bare	28-30	0-5	fw frozen;sw open
1969	Dec. 21	7 in 6 parties		8	26½	122(10½)	31 total		8-10"	15-22	10-15	fw frozen;sw open
1970	Dec. 22	6 in 5 parties		9	8½	188(5)	19 total		30-35"	8-11	15-20 gusty	fw frozen;sw frozen
1971	Dec. 18	8 in 6-7 part.		9	28½	226	23½	18½	3-6" crusty	9-17	10-15 NW	fw frozen;sw open
1972	Dec. 19	10 in 7-8 part.		8	41½	242½	24	24½	6-8"	0-20	light	fw frozen;sw ice flows
1973	Dec. 21	14 in 7-11 part.		7	62	271	56	18	Bare	38-45	10-15 SW gust-25	fw pt froz;sw open
1974	Dec. 18	12 in 7-10 part.		6	37	256	27¼	25¼	Bare	38-cooling	8-10 NW	fw pt froz;sw open
1975	Dec. 23	11 in 6-9 part.		0	40½	167	32	19	4-6 crusted	30-32	15-20 N to 5-10 SE	fw frozen;sw ice flows
1976	Dec. 20	10 in 5-8 part.		0	33½	226 (15½)	23¼	20 3/4(3)	8-10 new	18-25	none	fw frozen;sw ice flows
1977	Dec. 19	11 in 6-9 part.		0	37½	239.6(15½)	21.8	26 (2.5)	10-12 cr.	30-32	8-10 NW	fw frozen;sw open
1978	Dec. 18	10 in 6-8 part.		0	39	276	30	27½	0-3 crust	32-27	3-6 inc.in flurries	fw frozen;sw ice clog
1979	Dec. 20	17 in 6-11 part.		1	73	209½	48¼	28	0	2-23	0-2 N	fw frozen;sw open
1980	Dec. 22	15 in 6-10 part.		0	28.8	276.3	26	34 3/4	12" powdery	-12-+6	NW9-12 to W-SW 3-6	fw frozen;sw ice clogged

Snowy owl
 Short-eared owl
 Mourning dove
 Barred Owl
 Common Flicker
 Red-headed woodpecker

SACKVILLE, New Brunswick - Christmas Bird Count - Summary

Species	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Great Cormorant																						1
Great blue heron	-	-	-	-	-	-	-	-	-	1	-	-	-	c.p.	-	1	-	1	-	-	-	-
Canada goose	-	-	-	-	-	-	-	-	-	1	-	351	-	-	57	113	2	1	-	5	55	
Mallard	-	-	-	-	2	1	-	-	-	2	-	1	-	17	4	6	12	1	4	26	34	
Black duck	-	-	-	-	31	33	40	17	64	134	7	132	16	270	203	18	3	2	6	6	4	
Pintail	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
Wood duck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Am. green-w. teal	-	-	-	-	-	-	-	1	1	1	-	-	-	1	-	-	-	-	-	-	-	
Canvasback	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
Common goldeneye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	2	
Oldsquaw	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	1	-	-	
Common merganser	-	-	-	-	3	2	-	8	-	35	1	36	3	53	8	3	21	26	1	15	20	
Hooded merganser	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	
Red-b. merganser	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	4	-	-	-	17	-	
Goshawk	-	1	-	-	-	1	1	-	1	-	2	1	-	-	-	-	-	2	1	1	3	
Sharp-shinned hawk	-	-	-	-	c.p.	c.p.	c.p.	c.p.	1	1	2	2	1	2	2	1	1	1	c.p.	1	2	
Red-tailed hawk	-	-	-	-	-	c.p.	1	1	1	-	-	2	1	1	-	-	-	-	1	-	-	
Rough-legged hawk	3	2	3	12	5	2	5	34	4	33	1	52	25	49	6	17	18	7	9	6	9	
Peregrine Falcon																						1
Bald eagle	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	
Marsh hawk	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	4	-	-	-	-	
Merlin	c.p.	-	-	-	-	-	-	-	c.p.	-	-	-	-	c.p.	-	-	-	-	-	-	-	
Kestrel	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Spruce grouse	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
Gyr Falcon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Ruffed grouse	1	-	-	-	-	-	2	1	4	1	-	2	-	6	3	4	5	2	5	10	6	
Ring-n. pheasant	2	13	2	-	7	10	15	10	2	28	17	33	38	-	8	11	29	76	36	66	134	
Glaucous gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	
Iceland gull	-	-	-	-	-	1	-	-	-	-	-	-	-	1	1	1	-	1	-	-	-	
Gt. black-backed gull	9	76	12	8	57	21	22	47	42	19	25	36	61	96	103	101	51	146	128	41	154	
Herring gull	105	257	136	100	159	145	107	161	147	237	37	132	252	321	308	253	148	370	414	63	169	
Ring-billed gull	-	-	-	-	-	-	c.p.	-	-	-	-	-	-	16	3	5	1	1	6	-	-	
Rock dove	22	20	21	5	36	106	69	85	82	72	45	31	129	87	112	60	305	78	233	404	259	
Snowy owl	-	-	-	-	2	1	-	4	-	1	-	5	-	c.p.	1	2	-	-	2	-	-	
Short-eared owl	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	
Mourning dove	-	-	-	-	-	-	-	-	-	-	-	-	-	c.p.	-	-	-	-	-	-	-	
Barred Owl	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	
Common Flicker	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
Red-headed woodpecker	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	

SACKVILLE, New Brunswick - Christmas Bird Count - Summary

Species	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Red-winged blackbird	-	-	-	-	-	-	-	c.p.	1	1	-	1	-	1	2	-	3	1	-	1	2	
Baltimore oriole	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rusty blackbird	-	-	-	-	-	2	-	-	-	-	-	3	2	1	-	c.p.	2	-	-	-	-	
Common grackle	1	-	c.p.	-	c.p.	1	-	3	4	12	5	21	28	16	c.p.	2	15	2	1	7	4	
Brown-headed cowbird	-	5	-	-	1	3	-	2	c.p.	3	-	19	13	50	83	2	6	7	2	8	17	
Cardinal	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
Evening grosbeak	4	6	12	-	4	c.p.	25	11	53	15	8	18	46	71	-	14	104	6	97	30	59	
Purple finch	-	-	-	-	73	-	-	3	2	-	-	-	-	-	-	-	3	-	3	-	-	
Pine grosbeak	-	69	-	-	2	161	12	2	104	20	1	4	35	-	-	4	8	20	9	13	43	
Common redpoll	-	24	-	-	21	231	-	-	328	160	-	152	-	-	-	369	21	12	-	-	171	
Pine siskin	-	-	-	-	13	-	-	-	-	-	-	6	-	-	8	-	1	-	24	-	-	
American goldfinch	-	-	-	-	-	-	30	-	-	-	-	-	-	21	8	-	8	-	-	9	-	
Red crossbill	-	-	-	-	4	-	10	-	-	-	-	-	-	3	-	-	-	-	-	-	-	
White-winged crossbill	-	-	-	-	29	2	-	-	-	41	-	5	-	-	-	24	-	-	-	-	-	
Rufus-sided towhee	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
finch sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
Savannah sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	1	-	-	-	-	
Dark-eyed junco	c.p.	98	8	-	12	35	11	6	21	16	4	12	3	3	12	32	16	1	4	40	58	
Tree sparrow	c.p.	-	-	-	6	15	19	4	24	13	9	3	11	24	18	37	87	7	6	46	36	
Chipping sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
White-throated sparrow	-	-	-	-	-	1	-	3	-	1	1	1	3	1	2	1	15	-	-	-	16	
Field sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Fox sparrow	-	-	-	-	-	1	-	1	-	1	1	-	-	-	-	-	1	-	-	-	2	
Swamp sparrow	-	-	c.p.	1	1	-	-	-	-	-	-	-	-	-	-	2	-	-	-	3	-	
Song sparrow	-	-	c.p.	1	2	-	-	1	-	-	-	-	-	2	3	2	13	2	-	4	1	
Lapland longspur	-	1	-	3	-	2	1	1	-	2	-	-	11	5	-	1	87	14	c.p.	7	9	
Snow bunting	60	153	153	-	125	75	874	344	41	40	11	69	224	80	45	671	2886	48	1332	1184	61	
sparrow sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Unidentified waterfowl	-	5	4	-	-	-	50	-	-	-	-	40	-	-	-	-	1	-	-	-	-	
Unidentified - other	3	5	8	-	59	1	11	-	-	83	7	30	16	9	1	14	12	14	-	-	-	
Total species	19	24	21	17	36	38	27	39	38	43	29	48	35	46	46	46	52	42	43	47	47	
Total individuals	575	1283	1278	376	1168	1816	2134	2018	1896	2057	1149	2041	2709	2621	3166	3010	5595	3322	4028	4153	3191	

SACKVILLE, N.B. - Christmas Bird Count Summary

Species	# times reported 1960-79	Maximum number reported	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Common Loon				1	-							
Gt. Cormorant	-	-	1	-	-							
Gt. Blue Heron	3	1	-	-	-							
Canada Goose	7	351	55	43	-							
Mallard	11	17	34	21	14							
Black Duck	16	270	4	255	11							
Pintail	1	1	-	-	-							
Am. Green-w. Teal	4	1	-	-	-							
Wood Duck	1	1	-	1	-							
Canvasback	1	1	-	-	-							
Com. Goldeneye	2	3	2	-	1							
Ring-necked Duck	-	-	1	1	-							
Barrow's Goldeneye	-	-	-	-	-							
Oldsquaw	3	1	-	-	-							
Hooded Merganser	1	1	2	-	-							
Common Merganser	14	53	20	21	3							
Red-b. Merganser	4	17	-	10	2							
Goshawk	9	2	3	-	1							
Sharp-sh. Hawk	11	2	2	2	1							
Red-tailed Hawk	7	2	-	-	5							
Rough-legged Hawk	20	52	9	3	32							
Bald Eagle	2	1	-	-	1							
Marsh Hawk	2	4	-	-	1							
Gyr Falcon	1	1	-	-	-							
Peregrine Falcon	-	-	1	-	-							
Merlin	-	-	-	-	-							
Kestrel	1	1	-	-	-							
Spruce Grouse	1	1	-	-	-							
Ruffed Grouse	13	10	6	12	4							
Ring-n. Pheasant	18	76	134	18	101							
Glaucous Gull	3	1	2	-	2							
Iceland Gull	5	1	-	1	1							
Gt. Bl-backed Gull	20	146	154	114	217							
Herring Gull	20	414	169	312	293							
Ring-billed Gull	6	16	-	-	-							
Rock Dove	20	404	259	214	244							
Mourning Dove	-	-	-	1	1							
Gt. Horned Owl	-	-	-	-	-							
Snowy Owl	8	4	-	-	1							
Barred Owl	1	1	-	-	-							
Short-eared Owl	1	4	-	-	-							
Common Flicker	1	1	-	-	-							

SACKVILLE, N.B. - Christmas Bird Count Summary

Species	# times reported 1960-79	Maximum number reported	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Pileated Woodpecker	4	1	-	1	-							
Red-headed Woodp.	1	1	-	-	-							
Y-b. Sapsucker	1	1	-	-	-							
Hairy Woodpecker	14	10	9	6	1							
Downy Woodpecker	15	10	10	4	1							
Bl-back.3-toed Woodp.	6	4	7	1	1							
N. 3-toed Woodpecker	1	1	-	-	-							
Woodpecker sp.			-	-	-							
Horned Lark	14	50	17	19	39							
Grey Jay	17	13	3	3	-							
Blue Jay	20	216	150	99	69							
Common Raven	20	218	128	125	111							
Common Crow	20	113	118	87	135							
Bl.-cap.Chickadee	20	237	251	246	9							
Boreal Chickadee	19	62	36	22	12							
Wh-br. Nuthatch	9	5	1	2	-							
Red-br. Nuthatch	7	28	-	-	-							
Brown Creeper	6	2	-	1	-							
Mocking Bird	1	1	-	1	-							
Am. Robin	13	8	3	-	-							
Brown Thrasher				1	-							
Hermit Thrush	1	1	-	-	-							
Gold-cr. Kinglet	18	158	18	31	15							
Ruby-cr. Kinglet	3	1	-	-	-							
Bohemian Waxwing	4	12	-	-	-							
Cedar Waxwing	1	1	-	-	-							
Northern Shrike	9	5	-	1	3							
Loggerhead Shrike	1	1		-	-							
Starling	20	1146	422	1043	1019							
Pine Warbler	1	1	-	-	-							
Palm Warbler	2	2	-	-	-							
Yellow-rumped Warb.			-	-	2							
Com. Yellowthroat	-	-	-	-	-							
House Sparrow	20	970	659	795	777							
Eastern Meadowlark	1	1	-	-	-							
Red-w. Blackbird	8	3	2	1	2							
Baltimore Oriole	1	1	-	-	-							
Rusty Blackbird	5	3	-	-	-							
Common Grackle	14	28	4	6	4							
Br-headed Cowbird	14	83	17	-	57							
Cardinal	1	1	-	-	-							
Evening Grosbeak	17	104	59	125	131							

SACKVILLE, N.B. - Christmas Bird Count Summary

Species	# times reported 1960-79	Maximum number reported	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Purple Finch	5	73	-	-	-							
Pine Grosbeak	15	161	43	-	-							
Common Redpoll	9	369	171	361	-							
Pine Siskin	5	24	-	4	-							
Am. Goldfinch	5	30	-	-	-							
Red Crossbill	3	10	-	3	-							
Wh-winged Crossbill	5	41	-	25	-							
Rufus-sided Towhee	1	1	-	-	-							
Finch sp.			20	3	-							
Savannah Sparrow	3	2	-	-	-							
Dark-eyed Junco	18	98	58	64	21							
Tree Sparrow	16	87	36	45	26							
Chipping Sparrow	1	1	-	-	-							
Wh-throat. Sparrow	10	15	16	-	1							
Fox Sparrow	5	1	2	-	-							
Field Sparrow	-	-	1	-	-							
Swamp Sparrow	4	3	-	-	-							
Song Sparrow	9	13	1	1	5							
Lapland Longspur	12	87	9	6	-							
Snow Bunting	19	2886	61	614	284							
Sparrow Sp.			1	-								
Unident. Waterfowl												
Unident. Other												

Max. # Species 52 in 1976.

Max. # Individ. 5595 in 1976.

Total Species	47	47	43
Total Individ.	3191	3191	3661

Sackville, New Brunswick - Summary of Christmas Bird Counts

Year	Day covered	Observers		Mile		Hours		Snow cover	Temp. °F.	Wind(mph)	Ice conditions
		field observers	feeders	foot	car(ski-doo)	foot	car				
1960	Dec. 24	3 in 3 parties	2	27	67	10	6	1" new	11-22	5-10	
1961	Dec. 26	11 in 4-5 part.	2	33	104	16	7	12" crust	20-24	15-20	
1962	Dec. 20	9 in 4 parties	9	24	122	12	10	10"	25-5	25 gust - 45	fw frozen;
1963	Dec. 20	3 in 2 parties	1	6	28	3½	1½	6-15" drifts	10-20	5-15	fw frozen;sw open
1964	Dec. 30	5 in 3 parties	7	24	55	14½	5½	3-6" wet	31-34	0-5	
1965	Dec. 28	8 in 4 parties	10	22	116	13½	10½	8"	-2-+14	0-2	fw pt open;
1966	Dec. 27	6 in 4 parties	3	24	121	12 3/4	13 3/4	2-4"fresh	-	10-15	fw frozen;sw open
1967	Dec. 27	8 in 6 parties	8	46	146	29¼	8 3/4	4-8"crusty	-	5-10	fw frozen;sw open
1968	Dec. 23	6 in 4-5 part.	7	32	98	23½	11	bare	28-30	0-5	fw frozen;sw open
1969	Dec. 21	7 in 6 parties	8	26½	122(10½)	31 total		8-10"	15-22	10-15	fw frozen;sw open
1970	Dec. 22	6 in 5 parties	9	8½	188(5)	19 total		30-35"	8-11	15-20 gusty	fw frozen;sw frozen
1971	Dec. 18	8 in 6-7 part.	9	28½	226	23½	18½	3-6" crusty	9-17	10-15 NW	fw frozen;sw open
1972	Dec. 19	10 in 7-8 part.	8	41½	242½	24	24½	6-8"	0-20	light	fw frozen;sw ice flows
1973	Dec. 21	14 in 7-11 part.	7	62	271	56	18	Bare	38-45	10-15 SW gust-25	fw pt froz;sw open
1974	Dec. 18	12 in 7-10 part.	6	37	256	27¼	25¼	Bare	38-cooling	8-10 NW	fw pt froz;sw open
1975	Dec. 23	11 in 6-9 part.	0	40½	167	32	19	4-6 crusted	30-32	15-20 N to 5-10 SE	fw frozen;sw ice flows
1976	Dec. 20	10 in 5-8 part.	0	33½	226 (15½)	23¼	20 3/4(3)	8-10 new	18-25	none	fw frozen;sw ice flows
1977	Dec. 19	11 in 6-9 part.	0	37½	239.6(15½)	21.8	26 (2.5)	10-12 cr.	30-32	8-10 NW	fw frozen;sw open
1978	Dec. 18	10 in 6-8 part.	0	39	276	30	27½	0-3 crust	32-27	3-6 inc.in flurries	fw frozen;sw ice clog
1979	Dec. 20	17 in 6-11 part.	1	73	209½	48¼	28	0	2-23	0-2 N	fw frozen;sw open
1980	Dec. 22	15 in 6-10 part.	0	28.8	276.3	26	34 3/4	12" powdery	-12-+6	NW9-12 to W-SW 3-6	fw frozen;sw ice clogged
1981	Dec. 21	18 in 7-13 part.	0	79	231	46½	26	3-4"powdery	10-28	0 - 5	fw frozen;sw open
1982	Dec. 20	15 in 6-13 part.	0	54.1	222.7	36¼	28 3/4	4-6"fr.wet	30-36	NE 10-12	fw frozen; sw open

CHRISTMAS BIRD COUNT

Sackville, N.B. - 1965 - to date

Summary 1960-64 incl.

Xmas Counts - Yearly Species Tally by Sectors

Cape Tormentine

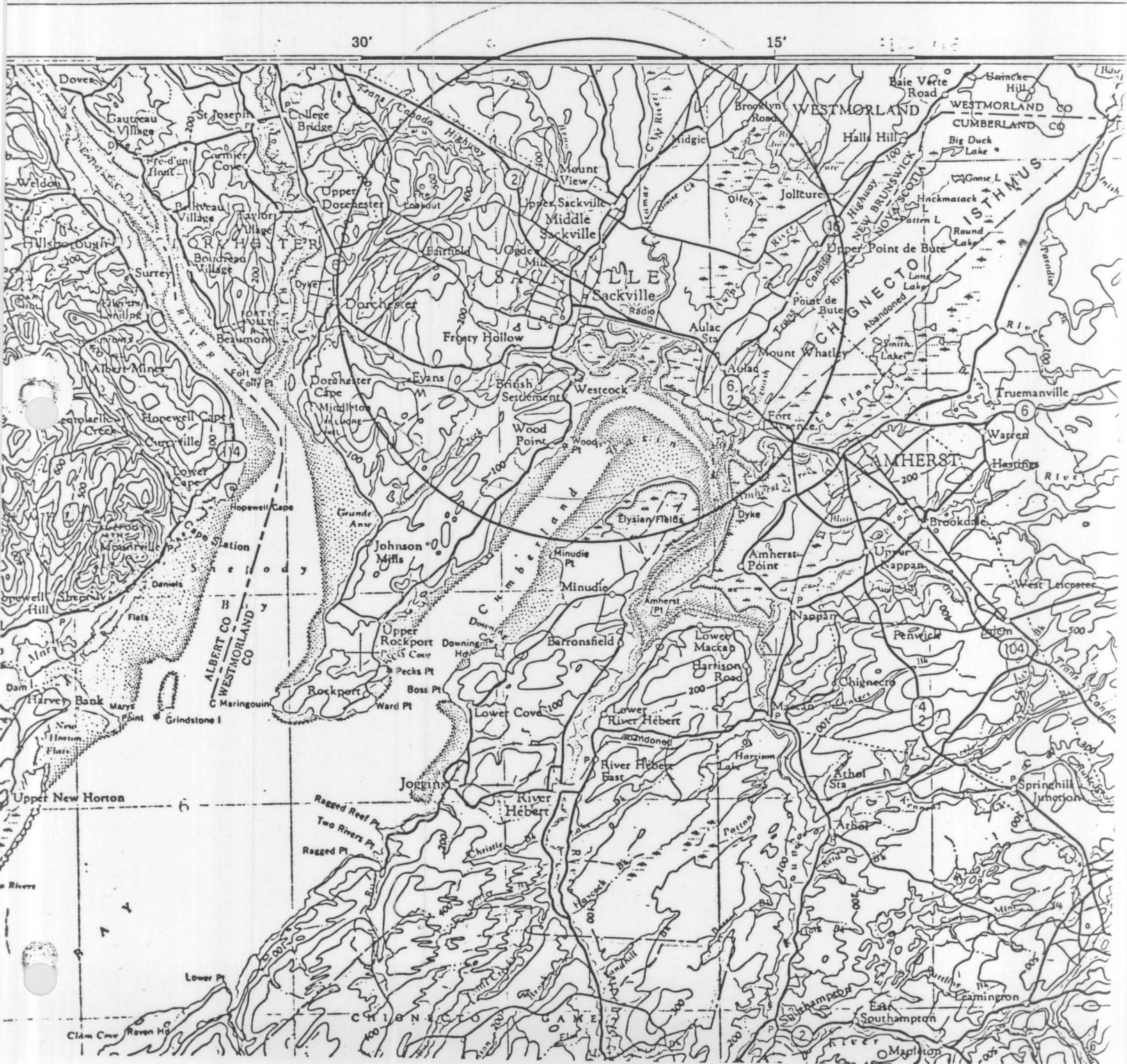
	1977	1978	1979	1980	1981	1982	1983	84 Average
#1 Murray Corner (Tingley)	-	30	26	31	23	23	38	28
#2 Rayworth Beach (Bogaard, Harries)	-	23	26	26	27	18	22	24
#3 Cape Spear (Erskine)	-	22	21	27	19	13	24	20
#4 Cape Jourimain (Smith)	28	33	39	38	40	27	43	34
#5 Timber River (Hicklin)	-	15	33	21	19	26	20	23

Sackville

	1977	1978	1979	1980	1981	1982	1983	84 Average
#1 Town of Sackville (Erskine)	-	14	9	20	20	17	16	16
#2 Westcock (Harries)	-	17	24	27	29	18	21	23
#3 Middle Sackville (Bogaard)	-	33	24	23	24	22	14	25
#4 Midgic (Hicklin)	-	18	19	24	24	15	21	20
#5 Tantramar Marsh (Smith)	23	20	23	29	23	26	19	24
#6 Aulac-Jolicure (Tingley)	-	19	25	29	21	21	20	23

Sackville Christmas Bird Count Zone

45°53' - 64°22' - All points within a 15 mile diameter circle centered on Trans-Canada Highway at Squire Street Extension, to include Wood Point, Fairfield, Mount View, Midgic, Jolicure and Aulac; Elevation 0 - 550'; Established 1960.



Sackville, New Brunswick - Summary of Christmas Bird Counts

Year	Day covered	Observers		Mile		Hours		Snow cover	Temp. °F.	Wind(mph)	Ice conditions	
		field	observers	feeders	foot	car(ski-doo)	foot					car
1960	Dec. 24	3 in 3 parties		2	27	67	10	6	1" new	11-22	5-10	
1961	Dec. 26	11 in 4-5 part.		2	33	104	16	7	12" crust	20-24	15-20	
1962	Dec. 20	9 in 4 parties		9	24	122	12	10	10"	25-5	25 gust - 45	fw frozen;
1963	Dec. 20	3 in 2 parties		1	6	28	3½	1½	6-15" drifts	10-20	5-15	fw frozen;sw open
1964	Dec. 30	5 in 3 parties		7	24	55	14½	5½	3-6" wet	31-34	0-5	
1965	Dec. 28	8 in 4 parties		10	22	116	13½	10½	8"	-2-+14	0-2	fw pt open;
1966	Dec. 27	6 in 4 parties		3	24	121	12 3/4	13 3/4	2-4"fresh	-	10-15	fw frozen;sw open
1967	Dec. 27	8 in 6 parties		8	46	146	29¼	8 3/4	4-8"crusty	-	5-10	fw frozen;sw open
1968	Dec. 23	6 in 4-5 part.		7	32	98	23½	11	bare	28-30	0-5	fw frozen;sw open
1969	Dec. 21	7 in 6 parties		8	26½	122(10½)	31 total		8-10"	15-22	10-15	fw frozen;sw open
1970	Dec. 22	6 in 5 parties		9	8½	188(5)	19 total		30-35"	8-11	15-20 gusty	fw frozen;sw frozen
1971	Dec. 18	8 in 6-7 part.		9	28½	226	23½	18½	3-6" crusty	9-17	10-15 NW	fw frozen;sw open
1972	Dec. 19	10 in 7-8 part.		8	41½	242½	24	24½	6-8"	0-20	light	fw frozen;sw ice flows
1973	Dec. 21	14 in 7-11 part.		7	62	271	56	18	Bare	38-45	10-15 SW gust-25	fw pt froz;sw open
1974	Dec. 18	12 in 7-10 part.		6	37	256	27¼	25¼	Bare	38-cooling	8-10 NW	fw pt froz;sw open
1975	Dec. 23	11 in 6-9 part.		0	40½	167	32	19	4-6 crusted	30-32	15-20 N to 5-10 SE	fw frozen;sw ice flows
1976	Dec. 20	10 in 5-8 part.		0	33½	226 (15½)	23¼	20 3/4(3)	8-10 new	18-25	none	fw frozen;sw ice flows
1977	Dec. 19	11 in 6-9 part.		0	37½	239.6(15½)	21.8	26 (2.5)	10-12 cr.	30-32	8-10 NW	fw frozen;sw open
1978	Dec. 18	10 in 6-8 part.		0	39	276	30	27½	0-3 crust	32-27	3-6 inc.in flurries	fw frozen;sw ice clog
1979	Dec. 20	17 in 6-11 part.		1	73	209½	48¼	28	0	2-23	0-2 N	fw frozen;sw open
1980	Dec. 22	15 in 6-10 part.		0	28.8	276.3	26	34 3/4	12" powdery	-12-+6	NW9-12 to W-SW 3-6	fw frozen;sw ice clogged

SACKVILLE, New Brunswick - Christmas Bird Count - Summary

Species	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Great Cormorant																						1
Great blue heron	-	-	-	-	-	-	-	-	-	1	-	-	-	c.p.	-	1	-	1	-	-	-	-
Canada goose	-	-	-	-	-	-	-	-	-	1	-	351	-	-	57	113	2	1	-	5	55	
Mallard	-	-	-	-	2	1	-	-	-	2	-	1	-	17	4	6	12	1	4	26	34	
Black duck	-	-	-	-	31	33	40	17	64	134	7	132	16	270	203	18	3	2	6	6	4	
Pintail	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
Wood duck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Am. green-w. teal	-	-	-	-	-	-	-	1	1	1	-	-	-	1	-	-	-	-	-	-	-	
Canvasback	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
Common goldeneye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	2
Oldsquaw	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	1	-	-	
Common merganser	-	-	-	-	3	2	-	8	-	35	1	36	3	53	8	3	21	26	1	15	20	
Hooded merganser	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	
Red-b. merganser	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	4	-	-	-	-	-	
Goshawk	-	1	-	-	-	1	1	-	1	-	2	1	-	-	-	-	-	2	1	17	3	
Sharp-shinned hawk	-	-	-	-	c.p.	c.p.	c.p.	c.p.	1	1	2	2	1	2	2	1	1	1	c.p.	1	2	
Red-tailed hawk	-	-	-	-	-	c.p.	1	1	1	-	-	2	1	1	-	-	-	-	1	-	-	
Rough-legged hawk	3	2	3	12	5	2	5	34	4	33	1	52	25	49	6	17	18	7	9	6	9	
Peregrine Falcon																						1
Bald eagle	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	
Marsh hawk														4	-	-	4	-	-	-	-	
Merlin	c.p.	-	-	-	-	-	-	-	c.p.	-	-	-	-	c.p.	-	-	-	-	-	-	-	
Kestrel	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Spruce grouse	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
Gyr Falcon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ruffed grouse	1	-	-	-	-	-	2	1	4	1	-	2	-	6	3	4	5	2	5	10	6	
Ring-n. pheasant	2	13	2	-	7	10	15	10	2	28	17	33	38	-	8	11	29	76	36	66	134	
Glaucous gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	2	
Iceland gull	-	-	-	-	-	1	-	-	-	-	-	-	-	1	1	1	-	1	-	-	-	
Gt. black-backed gull	9	76	12	8	57	21	22	47	42	19	25	36	61	96	103	101	51	146	128	41	154	
Herring gull	105	257	136	100	159	145	107	161	147	237	37	132	252	321	308	253	148	370	414	63	169	
Ring-billed gull	-	-	-	-	-	-	c.p.	-	-	-	-	-	-	16	3	5	1	1	6	-	-	
Rock dove	22	20	21	5	36	106	69	85	82	72	45	31	129	87	112	60	305	78	233	404	259	
Snowy owl	-	-	-	-	2	1	-	4	-	1	-	5	-	c.p.	1	2	-	-	2	-	-	
Short-eared owl	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	
Mourning dove	-	-	-	-	-	-	-	-	-	-	-	-	-	c.p.	-	-	-	-	-	-	4	
Barred Owl	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	
Common Flicker	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
Red-headed woodpecker	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	

SACKVILLE, New Brunswick - Christmas Bird Count - Summary

Species	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Red-winged blackbird	-	-	-	-	-	-	-	c.p.	1	1	-	1	-	1	2	-	3	1	-	1	2	
Baltimore oriole	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rusty blackbird	-	-	-	-	-	2	-	-	-	-	-	3	2	1	-	c.p.	2	-	-	-	-	
Common grackle	1	-	c.p.	-	c.p.	1	-	3	4	12	5	21	28	16	c.p.	2	15	2	1	7	4	
Brown-headed cowbird	-	5	-	-	1	3	-	2	c.p.	3	-	19	13	50	83	2	6	7	2	8	17	
Cardinal	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
Evening grosbeak	4	6	12	-	4	c.p.	25	11	53	15	8	18	46	71	-	14	104	6	97	30	59	
Purple finch	-	-	-	-	73	-	-	3	2	-	-	-	-	-	-	-	3	-	3	-	-	
Pine grosbeak	-	69	-	-	2	161	12	2	104	20	1	4	35	-	-	4	8	20	9	13	43	
Common redpoll	-	24	-	-	21	231	-	-	328	160	-	152	-	-	-	369	21	12	-	-	171	
Pine siskin	-	-	-	-	13	-	-	-	-	-	-	6	-	-	8	-	1	-	24	-	-	
American goldfinch	-	-	-	-	-	-	30	-	-	-	-	-	-	21	8	-	8	-	-	9	-	
Red crossbill	-	-	-	-	4	-	10	-	-	-	-	-	-	3	-	-	-	-	-	-	-	
White-winged crossbill	-	-	-	-	29	2	-	-	-	41	-	5	-	-	-	24	-	-	-	-	-	
Rufus-sided towhee finch sp.	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	20
Savannah sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	1	-	-	-	-	
Dark-eyed junco	c.p.	98	8	-	12	35	11	6	21	16	4	12	3	3	12	32	16	1	4	40	58	
Tree sparrow	c.p.	-	-	-	6	15	19	4	24	13	9	3	11	24	18	37	87	7	6	46	36	
Chipping sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
White-throated sparrow	-	-	-	-	-	1	-	3	-	1	1	1	3	1	2	1	15	-	-	-	16	
Field sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Fox sparrow	-	-	-	-	-	1	-	1	-	1	1	-	-	-	-	-	1	-	-	-	2	
Swamp sparrow	-	-	c.p.	1	1	-	-	-	-	-	-	-	-	-	-	2	-	-	-	3	-	
Song sparrow	-	-	c.p.	1	2	-	-	1	-	-	-	-	-	2	3	2	13	2	-	4	1	
Lapland longspur	-	1	-	3	-	2	1	1	-	2	-	-	11	5	-	1	87	14	c.p.	7	9	
Snow bunting	60	153	153	-	125	75	874	344	41	40	11	69	224	80	45	671	2886	48	1332	1184	61	
sparrow sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Unidentified waterfowl	-	5	4	-	-	-	50	-	-	-	-	40	-	-	-	-	1	-	-	-	-	
Unidentified - other	3	5	8	-	59	1	11	-	-	83	7	30	16	9	1	14	12	14	-	-	-	
Total species	19	24	21	17	36	38	27	39	38	43	29	48	35	46	46	46	52	42	43	47	47	
Total individuals	575	1283	1278	376	1168	1816	2134	2018	1896	2057	1149	2041	2709	2621	3166	3010	5595	3322	4028	4153	3191	

86th Audubon Christmas Count

CHRISTMAS BIRD COUNT

SACKVILLE, NEW BRUNSWICK

1985

Area: Sackville, New Brunswick ($45^{\circ}53'$ - $64^{\circ}22'$). All points within a 15 mile diameter circle centered on Trans-Canada Highway at Squire Street Extension, to include Wood Point, Fairfield, Mount View, Midgic, Jolicure, and Aulac. Elevation 0-550'. Established 1960.

Coverage: December 21, 1985; 0745 - 1645 hours; 14 observers in 6-13 parties. Total party hours 61; $38\frac{1}{2}$ on foot and $22\frac{1}{2}$ hours by car. Total party miles 282 (470 km); 42 miles (70 km) on foot, and 240 miles (400 km) by car. Habitat coverage: second growth mixed woods 31%, towns and villages 25%, farms and open fields 24%, marshland 18%, sea coast 2%.

Conditions: Cloudy, -16°C (3°F) at 0730 warming to -11°C (12°F) by noon, wind NE 5-8 kph (3-5 mph), ground covered with 25 cm (10") of new snow, drifted in open areas, freshwater frozen, salt water over 80% slush ice and flows.

Wild Food Crop: Fair - virtually no cones and few berries, weed and grass seeds available especially in wind-swept areas.

<u>Observers:</u> Peter Barkhouse	Box 212, Sackville, N.B.
Paul Bogaard	R.R.#1, Sackville, N.B.
Brian Dalzell	87 Allison Dr, Moncton, NB E1E 2T7
Tony Erskine	Box 1327, Sackville, N.B.
George & Pat Finney	Lansdowne St., Sackville, N.B.
Gary Greer	Box 1927, Sackville, N.B.
Hinrich Harries	Box 1182, Sackville, N.B.
Randy Hicks	Box 1483, Sackville, N.B.
Ron Hounsell	Box 1391, Sackville, N.B.
Kathy Popma	56 Weldon St., Sackville, N.B.
Al Smith (Compiler)	Box 1465, Sackville, N.B.
Stu Tingley	Box 1185, Sackville, N.B.
Rob Walker	Box 35, Alma, N.B. EOA 1B0

Count: Underlined species indicates that it is new to the count zone; underlined number indicates the highest ever recorded; a wavy line under the species name indicates that it is unusual.

1 <u>Great Blue Heron</u>	3 <u>Brown Creeper</u>
13 American Black Duck	41 Golden-crowned Kinglet
22 Mallard	3 American Robin
4 <u>Common Goldeneye</u>	6 Northern Shrike
22 <u>Common Merganser</u>	462 European Starling
1 Sharp-shinned Hawk	367 <u>American Tree Sparrow</u>
3 Northern Goshawk	5 Song Sparrow
2 Red-tailed Hawk	8 White-throated Sparrow
23 Rough-legged Hawk	108 <u>Dark-eyed Junco</u>
1 <u>Merlin</u>	13 Lapland Longspur
203 <u>Ring-necked Pheasant</u>	3060 <u>Snow Bunting</u>
11 Ruffed Grouse	1 Red-winged Blackbird
92 Herring Gull	13 Rusty Blackbird
4 Iceland Gull	26 Common Grackle
61 Great Black-backed Gull	22 Brown-headed Cowbird
256 Rock Dove	59 Pine Grosbeak
7 Mourning Dove	281 Common Redpoll
15 <u>Downy Woodpecker</u>	4 American Goldfinch
19 <u>Hairy Woodpecker</u>	130 Evening Grosbeak
2 Black-backed Woodpecker	875 House Sparrow
3 Pileated Woodpecker	
16 Horned Lark	6 Unidentified Finches
3 Gray Jay	1 Unidentified Gull
85 Blue Jay	4 Unidentified Sparrows
183 <u>American Crow</u>	1 Unidentified Blackbird
103 Common Raven	2 Unidentified Hawks
201 Black-capped Chickadee	
30 Boreal Chickadee	
2 White-breasted Nuthatch	

Total: 49 species, 6889 individuals (42% Buntings)

Count-period Observations: (December 18 - January 5 - N.B. Naturalist count period) 1 Red-breasted Nuthatch, December 23 (K. Popma), Great Horned Owl, December 28 (R. Hounsell)

Comments - Sackville Count - 1985

- (1) Weather conditions were excellent on count day and coverage of the zone was generally good. Snow cover prevented thorough coverage of the dykes and coverage on foot (total mileage) was below average.
- (2) One species, Merlin, was new to the count bringing the cumulative species total of 95. The Merlin, an adult male, was observed by P. Bogaard and G. Finney at a distance of 30 m just off the Ogden Mill Road. There are count period records for Merlin in 1960, 1968, and 1973.
- (3) The single Great Blue Heron was observed just below the dam at Silver Lake. This is the fourth time a heron has been recorded on the Sackville count over its 26-year history.
- (4) Thirteen species were recorded in record high numbers:

<u>Species</u>	<u>1985 Total</u>	<u>Previous High</u>	<u>(Year)</u>
Common Goldeneye	4	3	(1976)
Ring-necked Pheasant	203	165	(1983)
Mourning Dove	7	1	-
Downy Woodpecker	15	10	(1980)
Hairy Woodpecker	19	10	(1979)
Pileated Woodpecker	3	1	-
American Crow	183	135	(1982)
Brown Creeper	3	2	(1984)
Northern Shrike	6	5	(1978)
American Tree Sparrow	367	87	(1976)
Dark-eyed Junco	108	98	(1961)
Snow Bunting	3060	2886	(1976)
Rusty Blackbird	13	3	(1971)

Pheasants and Tree Sparrows were observed in all sectors, whereas Snow Buntings were located principally on the open dyked marshlands. George and Pat Finney discovered a major "gathering" of woodpeckers just beyond Silver Lake off the Walker Road. Within a 50 m radius they discovered 6 Downy's, 6 Hairy's, 1 Black-backed, and 1 Pileated - incredible.

- (5) The number of species (49) recorded is above average for the Sackville count, just 3 below the record of 52 set in 1976. However, total individuals (6889) far surpasses the old record of 5595 also set in 1976.

4.

(6) Mammals observed on count day were: red squirrel - 6, red fox - 1, porcupine - 1, white-tailed deer - 1, snowshoe hare - 1 (plus lots of tracks), meadowvane - 1, coyote tracks in several locations.

With thanks to all participants and a special note of appreciation to Paul and Mary Bogaard for hosting the tally-up.

Al Smith

Al Smith
Compiler

CHRISTMAS BIRD COUNT
SACKVILLE, NEW BRUNSWICK

1984

Area: Sackville, New Brunswick (45°53' - 64°22'). All points within a 15 mile diameter circle centered on Trans-Canada Highway at Squire street Extension, to include Wood Point, Fairfield, Mount View, Midgic, Jolicure, and Aulac. Elevation 0-550'. Established 1960.

Coverage: December 17, 1984, 0735 - 1700 hours; 16 observers in 6-11 parties. Total party hours 63 3/4; 38 1/2 hours on foot and 25 1/4 hours by car. Total party miles 322 (581 km); 43 miles (69 km) on foot, 279 miles (449 km) by car. Habitat coverage: second growth mixed woods 34%, farms and open fields 26%, marshland 18%, towns and villages 14% and seacoast 8%.

Conditions: Overcast with periods of fog and mist (between 8 AM - 1 PM) reducing visibility, specially along the coast; temperature +6°C (43°F) at 0730 warming to 10°C (50°F) by noon then cooling toward dusk; wind strong SW 30-50 kph (20-30 mph) in the morning diminishing to SW 15-30 kph (10-20 mph) by 1 PM further diminishing to light by dusk; ground bare and only partially frozen, fresh-water mostly frozen except streams and runs, salt water open.

Wild Food Crop: Good - a general abundance of seeds and berries, heavy cone crop on some white spruce and larch, no evidence of field voles and obviously the population is at a very low level.

<u>Observers:</u> Peter Barkhouse	RR #1, Oxford Jct. Cumb. Co. N.S. BOM 1R0
Felix Baerlocker	Biology Dept, Mt. Allison Univ. Sackville, N.B.
Paul Bogaard	RR #1, Sackville, N.B. EOA 3C0
Tony Erskine	Box 1327, Sackville, N.B. EOA 3C0
Jocelyne Gauvin	Grand Digue, West Co. N.B.
Eugene Goodrich	Box 1443, Sackville, N.B. EOA 3C0
Hinrich Harries	Box 1182, Sackville, N.B. EOA 3C0
Alan Hanson	Box 1512, Sackville, N.B. EOA 3C0
Randy Hicks	Box 1483, Sackville, N.B. EOA 3C0
Ron Hounsell	Box 1391, Sackville, N.B. EOA 3C0
David Kean	Box 1739, Sackville, N.B. EOA 3C0
Colin & Nancy McKinnon	Box 152, Sackville, N.B. EOA 3C0
Kathy Popma	Box 658, Sackville, N.B. EOA 3C0
Al Smith (Compiler)	Box 1465, Sackville, N.B. EOA 3C0
Stu Tingley	Box 1185, Sackville, N.B. EOA 3C0

Count: Underlined species indicates new to the count zone; underlined numbers indicates highest ever recorded; a wavy line under the species name indicates an unusual species.

1	<u>Green-winged Teal</u>	25	Boreal Chickadee
113	American Black Duck	3	Red-breasted Nuthatch
5	Mallard	2	Brown Creeper
13	Common Merganser	36	Golden-crowned Kinglet
3	Rough-legged Hawk	1	Northern Shrike
1	<u>falcon, sp.</u>	579	European Starling
20	Ring necked Pheasant	1	<u>Northern Cardinal</u>
8	Ruffed Grouse	31	American Tree Sparrow
113	Herring Gull	2	Song Sparrow
<u>7</u>	Iceland Gull	17	Dark-eyed Junco
93	Great Black-backed Gull	3	Lapland Longspur
1	<u>alcid, sp.</u>	490	Snow Bunting
270	Rock Dove	1	Common Grackle
1	Snowy Owl	24	White-winged Crossbill
1	Downy Woodpecker	40	Common Redpoll
15	Horned Lark	1	American Goldfinch
21	Blue Jay	97	<u>Evening Grosbeak</u>
111	American Crow	550	House Sparrow
89	Common Raven	2	unidentified sparrow
90	Black-capped Chickadee	1	unidentified raptor
		1	unidentified songbird

Total: 38 species, 2883 individuals

Count-period Observations: Species recorded during count period but not on count day were; 45 Canada Goose (Dec. 15th), 1 Sharp-shinned Hawk (Dec. 18th), 1 Dickcissel (Dec. 20th).

Comments - Sackville Count 1984

- (1) 25 YEARS - With the completion of the 1984 Sackville Xmas Count the zone has been continuously counted for a quarter-century. Began in 1960 when three observers spent 16 hours on Dec. 24th, recording 19 species and 575 individual birds, the count has grown in popularity with annually from 15-17 observers recording on average 40+ species. One of the original participants, and founder of the count Tony Erskine continues to actively participate in the annual event.
- (2) For the third year in a row the Sackville count has been cursed with miserable weather, strong to storm force winds, combined with periods of poor visibility on count day 1984 certainly accounted for low number of species and individuals recorded. Road conditions were poor with some marsh roads being too muddy and slippery for vehicle passage. Coverage was average in terms of party hours, but mileage was down considerably.
- (3) One species was new to the count zone bringing the cumulative species total for the zone to 94.
 - alcid sp. - a large alcid was briefly observed by Smith, Hanson and Kean, a close range (< 100 yds) flying inland up the Aulac River. The bird was observed (via binoculars) for less than 20 seconds as it flew past the observers. The characteristic (large alcid) flight and color features were noted and the bird had a "large bill" appearance which prompted Smith to tentatively identify it as a Razorbill. However, due to the poor visibility (fog and steady mist) it was decided to record the bird as alcid sp. as it could have been a Thick-billed Murre.
- (4) Species unusual to the count were:
 - falcon, sp. - a large dark falcon was observed by Smith, Kean and Hanson flying across the mouth of the Tantramar River toward Westcock at 10:15 AM. The bird was too far away to positively identify, but it was probably a dark phase Gryfalcon. A dark phase Gry had been observed by Paul Bogaard at Westcock on two occasions during the previous two weeks.
 - Northern Cardinal - a male observed at Harries' feeder on Squire Street. The bird had been present in the Weldon-Squire Street area for several weeks and is the third record of a Cardinal on the Sackville Count. The previous two records were birds observed at the Calkins feeder in 1973 and 1983.
 - Green-winged Teal - a single bird observed in the open run from Fillmores' Hole in the Tintamarre National Wildlife Area. This is the fifth record of a Green-winged Teal on the Sackville count.
- (5) The number of species (38) and individuals (2883) are well below average.
- (6) Mammals observed on count day were; Snowshoe Hare - 2, Muskrat - 1, red squirrel - 2, short-tailed weasel - 1, Raccoon - fresh tracks, skunk (smell).

With sincere thanks to all participants and good birding in 1985.

Al Smith
Al Smith
Compiler

CHRISTMAS BIRD COUNT
SACKVILLE, NEW BRUNSWICK

1983

Area: Sackville, New Brunswick (45°53' - 64°22'). All points within a 15 mile diameter circle centered on Trans-Canada Highway at Squire Street Extension, to include Wood Point, Fairfield, Mount View, Midgic, Jolicure, and Aulac. Elevation 0-550'. Established 1960.

Coverage: December 19, 1983, 0745 - 1630 hours; 17 observers in 7-11 parties. Total party hours 58½; 38½ hours on foot and 19½ hours by car. Total party miles 338 (564 km); 66 miles (110 km) on foot, 272 miles (454 km) by car. Habitat coverage: second growth mixed woods 36%, dyke and marshland 21%, towns and villages 20%, farms and open upland fields 18%, sea coast 5%.

Conditions: Overcast with near continuous light snow from 0800 to 1300 hours reducing visibility to <¼ mile at times, cloudy in the PM. Temperature -10°C (14°F) at 0800 moderating to -6°C (21°F) by noon then cooling to -12°C (10°F) by 1630 hours; wind E 5-10 kph (3-6 mph) in the AM changing NE 10-15 kph (6-9 mph) by late afternoon; ground covered with 5-10 cm (2-4") of fresh snow, freshwater frozen except running streams, salt water open.

Wild Food Crop: Fair - abundance of fleshy fruits especially rose hips, no cones at all on fir and spruce, abundant meadowvole population.

<u>Observers:</u> Peter Barkhouse ✓	Box 212, Sackville, N.B.
Brian Dalzell ✓	87 Allison Dr., Moncton, N.B.
Steve Daniel ✓	General Delivery, Wolfville, N.S.
Tony Erskine ✓	Box 1327, Sackville, N.B.
Gay Hansen ✓	Box 1453, Sackville, N.B.
Alan Hanson ✓	Box M38, Mt. Allison Univ., Sackville, N.B.
Hinrich Harries ✓	Box 1182, Sackville, N.B.
Peter Hicklin ✓	Box 1782, Sackville, N.B.
Randy Hicks ✓	Squire Street, Sackville, N.B.
Ron Hounsell ✓	Box 1391, Sackville, N.B.
Etta Hudgins ✓	Box 776, Sackville, N.B.
Reid McManus ✓	Memramcook, N.B.
Bruce McWhirter ✓	Box M807, Mt. Allison Univ., Sackville, N.B.
Harold Popma ✓	56 Weldon St., Sackville, N.B.
Al Smith (Compiler)	Box 1465, Sackville, N.B.
Stu Tingley ✓	Box 1185, Sackville, N.B.
Susan Williams ✓	Box 1355, Sackville, N.B.

Count: Underlined species indicates new to the count zone; underlined numbers indicates highest ever recorded; a wavy line under the species name indicates an unusual species.

27 Canada Goose	69 Black-capped Chickadee
88 American Black Duck	19 Boreal Chickadee
6 Mallard	1 Red-breasted Nuthatch
11 Common Merganser	13 Golden-crowned Kinglet
<u>20</u> Red-breasted Merganser	4 American Robin
<u>12</u> Northern Harrier	1 Northern Shrike
1 Northern Goshawk	681 European Starling
4 Red-tailed Hawk	1 <u>Northern Cardinal</u>
38 Rough-legged Hawk	84 American Tree Sparrow
1 <u>Gyr Falcon</u>	1 White-throated Sparrow
<u>165</u> Ring-necked Pheasant	21 Dark-eyed Junco
4 Ruffed Grouse	31 Snow Bunting
66 Herring Gull	3 Common Grackle
47 Great Black-backed Gull	29 Common Redpoll
291 Rock Dove	5 American Goldfinch
1 Downy Woodpecker	114 Evening Grosbeak
4 Hairy Woodpecker	873 House Sparrow
1 Black-backed Woodpecker	1 Unidentified Sparrow
3 Horned Lark	8 Unidentified Songbirds
4 Gray Jay	2 Unidentified Woodpeckers
50 Blue Jay	
130 American Crow	
64 Common Raven	

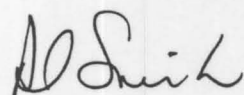
Total: 40 species, 2999 individuals

Count-period Observations: Species recorded during count week (December 16 - December 22) but not on count day were: Snowy Owl, Sharp-shinned Hawk, Mockingbird, and Bohemian Waxwing.

Comments - Sackville Count - 1983

- (1) Weather conditions on count day were poor and undoubtedly account for the low species and individual tallies. Visibility was poor throughout the morning due to near continuous light snow. However, travel throughout the count zone was good and both party hours and miles were average for the count.
- (2) No species was new to the count, however, three species - Red-breasted Merganser, Northern Harrier, and Ring-necked Pheasant - were recorded in record high numbers.
- (3) Species unusual to the count were:
 - Gyrfalcon - reported by Harries and Hounsell in the same location (Westcock Marsh) as the 1979 Gyrfalcon was observed. The bird was "uniformly dull dark brown" and was observed pursuing a "robin-sized" songbird and "exploring" a flock of swimming Black Ducks. A large falcon was also briefly observed by Smith and McWhirter under very poor observational conditions, but at close range flying along the dyke below Fort Beausejour. That bird appeared to have a light, but heavily-streaked breast and uniformly dull on its back. It was tentatively identified as a Peregrine Falcon, but it is likely the same bird that Hounsell and Harries observed about three hours later and about two miles distant from this earlier observation.
 - Northern Cardinal - an immature observed by Erskine and Daniel at Lee Calkins' feeder on Maple Avenue. The bird had been present for several weeks. The only other cardinal record was in 1973.
- (4) The numbers of gulls recorded were record low and correlates directly with the closure of the Sackville Town Dump on 1 November 1983.
- (5) The number of species (40) and total individuals (2999) are below average and is likely partly due to the poor weather conditions on count day.
- (6) Mammals observed on count day were: red fox 1 plus tracks, meadowvoles very abundant.

With thanks to all participants.



Al Smith, Compiler

CHRISTMAS BIRD COUNT

SACKVILLE, NEW BRUNSWICK

1982

Area: Sackville, New Brunswick (45°53' - 64°22'). All points within a 15 mile diameter circle centered on Trans-Canada Highway at Squire Street Extension, to include Wood Point, Fairfield, Mount View, Midgic, Jolicure, and Aulac. Elevation 0-550'. Established 1960.

Coverage: December 20, 1982, 0745 - 1630 hours; 15 observers in 6-13 parties. Total party hours 65; 36 $\frac{1}{4}$ hours on foot and 28 $\frac{3}{4}$ hours by car. Total party miles 276.8 (461.3 km); 54.1 miles (90.2 km) on foot, 222.7 miles (371.1 km) by car. Habitat coverage: second growth mixed woods 19 $\frac{1}{2}$ hours (30%), farms and open fields 18 $\frac{1}{2}$ hours (28%), towns and villages 12 $\frac{3}{4}$ hours (20%), dyked marshland 9 $\frac{3}{4}$ hours (15%), seacoast 4 $\frac{1}{2}$ hours (7%).

Conditions: Overcast, continuous snow to 0900 changing to flurries, changing to intermittent light rain by noon, visibility poor throughout the day, temperature -1°C (30°F) at 0800 warming to +2°C (36°F) by noon, wind NE 15-20 kph (10-12 mph) in the AM decreasing to 10-15 kph (6-10 mph) in the PM; ground covered with 4-6" (10-12 cm) of fresh, wet snow; freshwater frozen except for running streams, salt water open.

Wild Food Crop: Good, abundant berries, especially wild rose, plenty of weed and grass seeds available, cone crop poor except for white spruce in edge situations.

Observers: Peter Barkhouse, Paul Bogaard, Brian Dalzell, Tony Erskine, Jocelyne Gauvin, Gay Hansen, Hinrich Harries, Peter Hicklin, Randy Hicks, Etta Hudgins, Don Kimball, Bill Prescott, Al Smith (Compiler, P.O. Box 1465, Sackville, New Brunswick, E0A 3C0), Stuart Tingley, Ian Walker.

Count: Underlined species indicates new to the count zone; underlined numbers indicates highest ever recorded, a wavy line under the species name indicates an unusual species.

14 Mallard	111 Common Raven
11 Black Duck	<u>135</u> Common Crow
1 Common Goldeneye	9 Black-capped Chickadee
3 Common Merganser	12 Boreal Chickadee
2 Red-breasted Merganser	15 Golden-crowned Kinglet
1 Goshawk	3 Northern Shrike
1 Sharp-shinned Hawk	1019 Starling
<u>5</u> Red-tailed Hawk	<u>2</u> <u>Yellow-rumped Warbler</u>
32 Rough-legged Hawk	777 House Sparrow
1 <u>Bald Eagle</u>	2 Red-winged Blackbird
1 Marsh Hawk	4 Common Grackle
4 Ruffed Grouse	57 Brown-headed Cowbird
101 Ring-necked Pheasant	<u>131</u> Evening Grosbeak
<u>2</u> Glaucous Gull	21 Dark-eyed Junco
1 Iceland Gull	26 Tree Sparrow
<u>217</u> Great Black-backed Gull	1 White-throated Sparrow
293 Herring Gull	5 Song Sparrow
244 Rock Dove	284 Snow Bunting
1 <u>Mourning Dove</u>	
1 Snowy Owl	
1 Hairy Woodpecker	
1 Downy Woodpecker	
1 Black-backed Three-toed Woodpecker	
39 Horned Lark	
69 Blue Jay	

Total: 43 species, 3661 individuals

Count-period Observations: Species observed during count period
(December 17-23) were: American Robin 1, Mockingbird 1.

Comments - Sackville Count - 1982

- (1) Conditions were not favourable with slippery roads and poor visibility. However, coverage of the count zone was generally good with party hours down only slightly and party miles equivalent to the average for the last five years.
- (2) One species, Yellow-rumped Warbler, was new to the Sackville Count Zone, bringing the cumulative species tally for the zone to 93.
 - Yellow-rumped Warbler - two observed by Harries and Hicks, close observation for several minutes in shrubby old field vegetation at the Woodpoint quarry.
- (3) Species unusual to the count were:
 - Bald Eagle - a 3½ year old bird (white tail, white flecks in head, underwing still largely brown) observed by Barkhouse and Smith flying along Cumberland Basin then over land below Fort Beausejour.
 - Mourning Dove - a single bird observed in Middle Sackville by Bogaard, Hansen, and Dalzell. This is the second year in a row that a single Mourning Dove has been recorded on the count.
- (4) Species occurring in record high numbers were Red-tailed Hawk (5), Black-backed Gull (217), Crow (135), and Evening Grosbeak (131).
- (5) The number of species recorded (43) was below average for the count and is probably partly due to the poor weather conditions on count day. As with the Cape Tormentine count, there were virtually no winter finches.
- (6) Mammals observed on count day were: red squirrel 8, snowshoe hare (tracks), red fox (tracks), coyote (?).
- (7) The Sackville Xmas Count has been run continuously since 1960 (23 years). The originator of the count (Tony Erskine) continues to be an active participant although he was absent from the count for the nine year period 1968 to 1976 while residing in Ottawa. Hinrich Harries started participating in the Sackville Count in 1963 and Al Smith began a year later, followed by McManus (1966), Hounsell (1967), and Tingley (1972). We have been most fortunate to keep a steady core of field observers over the years as it allows for more thorough and consistent coverage of the count zone.

Regular observers with over five years participation on the Sackville Count are:

Al Smith	19 years (continuous since 1964)
Hinrich Harries	18 years (since 1963, missed 1973 and 1978)
Ron Hounsell	14 years (since 1967, missed 1969 and 1982)
Tony Erskine	13 years (1960-67 and 1978 to present)
Stuart Tingley	11 years (continuous since 1972)
Paul Bogaard	10 years (since 1971, missed 1975 and 1976)
Bill Prescott	10 years (since 1974 and 1962)
Peter Barkhouse	8 years (continuous since 1975)
Reid McManus	8 years (intermittently since 1966)
Peter Hicklin	6 years (continuous since 1977)

With sincere thanks to all participants and good birding in 1983.

Al Smith

A. D. Smith, Compiler

CHRISTMAS BIRD COUNT
SACKVILLE, NEW BRUNSWICK

1981

Area: Sackville, New Brunswick (45°53' - 64°22'). All points within a 15 mile diameter circle centered on Trans-Canada Highway at Squire Street Extension, to include Wood Point, Fairfield, Mount View, Midgic, Jolicure, and Aulac. Elevation 0-550'. Established 1960.

Coverage: December 21, 1981, 0640 - 1710 hours; 18 observers in 7-13 parties. Total party hours 72½ plus one hour owling; 46½ hours on foot and 26 hours by car. Total party miles 278.4 (464 km); 47.4 miles (79 km) on foot, 231 miles (385 km) by car. Habitat coverage: second growth mixed woods 31 hours (43%), farms and open fields 13 hours (18%), dyked marshland 11½ hours (16%), towns and villages 10½ hours (14%), and sea coast 6 ½ hours (9%).

Conditions: Sunny, temperature -14°C (10°F) at 0730 moderating to -4°C (28°F) by 1400 hours; wind 0-8 kph (0-5 mph) all day; ground covered with 7-10 cm (3-4") of light powdery snow, most freshwater frozen, salt water open.

Wild Food Crop: Fair, virtually no cones at all on conifer species, weed and grass seeds available to ground foragers, but generally very few berries and very few apples on wild apple trees. Very little sign of meadow mice.

Observers: Peter Barkhouse, Greg Belyea, Paul Bogaard, Tony Erskine, Gay Hansen, Hinrich Harries, Carrie and Peter Hicklin, Randy Hicks, Ron Hounsell, Etta Hudgins, Bob Lamberton, Lance Laviolette, Colin MacKinnon, Reid McManus, Chris Prescott, Al Smith (Compiler, P.O. Box 1465, Sackville, New Brunswick E0A 3C0), Stuart Tingley.

Count: Underlined species indicates new to the count zone; underlined number indicates highest ever recorded; a wavy line under the species name indicates an unusual species; and the word 'low' after the number indicates an unusually low number.

1 <u>Common Loon</u>	87 Common Crow
43 Canada Goose	246 Black-capped Chickadee
21 Mallard	22 Boreal Chickadee
255 Black Duck	2 White-breasted Nuthatch
1 <u>Wood Duck</u>	1 Brown Creeper
1 <u>Ring-necked Duck</u>	1 <u>Mockingbird</u>
21 Common Merganser	1 <u>Brown Thrasher</u>
10 Red-breasted Merganser	31 Golden-crowned Kinglet
2 Sharp-shinned Hawk	1 Northern Shrike
3 (low) Rough-legged Hawk	1043 Starling
12 Ruffed Grouse	795 House Sparrow
18 (low) Ring-necked Pheasant	1 Red-winged Blackbird
1 Iceland Gull	6 Common Grackle
114 Great Black-backed Gull	125 Evening Grosbeak
312 Herring Gull	361 Common Redpoll
214 Rock Dove	4 Pine Siskin
1 <u>Mourning Dove</u>	3 Red Crossbill
1 Owl sp.	25 White-winged Crossbill
1 Pileated Woodpecker	64 Dark-eyed Junco
6 Hairy Woodpecker	45 Tree Sparrow
4 Downy Woodpecker	1 Song Sparrow
1 Black-backed Three-toed Woodpecker	6 Lapland Longspur
19 Horned Lark	614 Snow Bunting
3 Grey Jay	
99 Blue Jay	3 Unidentified Finch
125 Common Raven	8 Unidentified Gulls

Total: 49 species, 4785 individuals.

Seen during count period (December 18 - December 25), but not on count day were Short-eared Owl (December 20), Bohemian Waxwing (December 20 and January 1, 1982), and additional records for the New Brunswick Naturalist count period were Cowbird (December 31), Yellowthroat (January 3, 1982).

Comments - Sackville Count - 1981

- (1) Conditions on count day were excellent and coverage of the count zone was good.
- (2) Three species were reported new to the count zone:
- Common Loon - a severely weakened bird observed by Smith sitting on the ice edge near the junction of the Aulac and LeCoup Rivers. The bird was approached to within 15 feet and it did not move from its resting place. It was undoubtedly an injured bird and was very close to death when observed on count day.
 - Mourning Dove - observed at Middle Sackville by Peter Hicklin. It is amazing that that species has never been reported on count day before as it has been an annual late fall visitor to the Sackville area for the past 5-6 years and was recorded in count period during 1979 and 1980.
 - Brown Thrasher - observed by Harries and Hounsell at the Harries' feeder on Squire Street. The bird was in daily attendance at the feeder through the period Dec. 15-31, feeding on seeds and suet. It was closely observed by both persons "with long narrowly fan-shaped tail; strong but slender and slightly curved beak; with thrush colour pattern, reddish-brown above, whitish underneath with strong dark streaking".
- (3) Other notable species were:
- Wood Duck - a male observed by Peter Barkhouse near Hog Lake. The species was recorded only once previously (1979).
 - Ring-necked Duck - a single bird recorded for the second year in a row on this count. It was observed at Fillmores Hole by Smith.
 - Mockingbird - observed by Laviolette and Erskine on Charles Street in Sackville. The bird has been in the area throughout the fall.
- (4) The number of species observed (49) is above average for the Sackville Count and the number of individuals (4785) is the second highest ever recorded. Almost 22% of the total birds tallied were Starlings.
- (5) With the addition of the three new species the cumulative species tally for the Sackville Count now stands at 92.
- (6) As with the Cape Tormentine Count, very few hawks were observed with the lowest number of Rough-legged Hawks for the past 10 years.
- (7) Mammals observed on count day were: 4 red squirrel, 2 muskrat, 1 skunk, plus numerous tracks of deer, porcupine, snowshoe hare, weasel, a mink, several meadow vole and a cat species.

With sincere thanks to all participants.

A. D. Smith
Compiler

CHRISTMAS BIRD COUNT
SACKVILLE, NEW BRUNSWICK

1980

Area: Sackville, New Brunswick (45°53' - 64°22'). All points within a 15 mile diameter circle centered on Trans-Canada Highway at Squire Street Extension, to include Wood Point, Fairfield, Mount View, Midgic, Jolicure, and Aulac. Elevation 0-550'. Established 1960.

Coverage: December 22, 1980, 0745 - 1700 hours; 15 observers in 6-10 parties. Total party hours 60 3/4 (26 hours on foot, 34 3/4 hours by car). Total party miles 305.1 (508.5 km); 28.8 miles (48.0 km) on foot, 276.3 miles (460.5 km) by car. Habitat coverage: second growth mixed woods 16 3/4 hours (27.6%), farms and open fields 12 hours (19.8%), dyked marshland 7 1/2 hours (12.3%), sea coast 2 hours (3.3%), towns and villages 22 1/2 hours (37%).

Conditions: Sunny and extremely cold, temperature -25°C (-12°F) at 0730 warming slightly to -14°C (+6°F) by 1430 hours, wind NW 15-20 kph (9-12 mph) in early morning diminishing and shifting to W-SW 5-10 kph (3-6 mph) by early afternoon, ground covered by approximately 30 cm (12 inches) of light powdery snow, fresh water frozen except outlet of Morice Lake and Front Lake (Jolicure), salt water heavily clogged with ice flows.

Wild Food Crop: Fair, very few cones except on some white spruces at the edge of settlement areas, weed and grass seed available in areas that were windswept, abundant apples in old orchards and on wild apple trees.

Observers: Peter Barkhouse, Paul Bogaard, Ian Cameron, Tony Erskine, Mike Ferguson, Hinrich Harries, Peter Hicklin, Randy Hicks, Ron Hounsell, Bob Lamberton, Colin MacKinnon, Bill Prescott, Al Smith (compiler, P.O. Box 1465, Sackville, New Brunswick, EOA 3C0), Ralph Stopps, Stuart Tingley.

Count: Underlined species indicates new to the count zone; underlined number indicates highest ever recorded.

1 <u>Great Cormorant</u>	<u>251</u> Black-capped Chickadee
55 Canada Goose	36 Boreal Chickadee
<u>34</u> Mallard	1 White-breasted Nuthatch
4 Black Duck	3 American Robin
1 <u>Ring-necked Duck</u>	18 Golden-crowned Kinglet
2 Common Goldeneye	422 Starling
20 Common Merganser	659 House Sparrow
<u>2</u> Hooded Merganser	2 Red-winged Blackbird
<u>3</u> Goshawk	4 Common Grackle
2 Sharp-shinned Hawk	17 Brown-headed Cowbird
9 Rough-legged Hawk	59 Evening Grosbeak
1 <u>Peregrine Falcon</u>	43 Pine Grosbeak
6 Ruffed Grouse	171 Common Redpoll
<u>134</u> Ring-necked Pheasant	20 Finch sp.
<u>2</u> Glaucous Gull	58 Dark-eyed Junco
<u>154</u> Great Black-backed Gull	36 Tree Sparrow
169 Herring Gull	1 <u>Field Sparrow</u>
259 Rock Dove	<u>2</u> Fox Sparrow
9 Hairy Woodpecker	<u>16</u> White-throated Sparrow
10 Downy Woodpecker	1 Song Sparrow
<u>7</u> Black-backed 3-toed Woodpecker	1 Sparrow sp.
17 Horned Lark	9 Lapland Longspur
3 Grey Jay	61 Snow Bunting
150 Blue Jay	
128 Common Raven	
<u>118</u> Common Crow	

Total: 47 species, 3191 individuals

Seen during count period (December 19 - 25, 1980) but not on count day were Mourning Dove (4), Short-eared Owl (2), American Kestrel (1), Bohemian Waxwing, and Brown Creeper.

Comments - 1980:

(1) Coverage of the count zone was good despite the severely cold conditions. Overall party hours was down by 20% over the high in 1979, and foot mileage was significantly less than in other recent years.

(2) Four species were reported new to the count zone:

- Great Cormorant - observed by Tingley, MacKinnon, and Ferguson sitting on the ice edge next to a small patch of open water on the Missaquash Marsh.
- Ring-necked Duck - a single bird (probably injured) observed in the same open water on the Missaquash Marsh.
- Peregrine Falcon - observed intermittently by Harries, Hicks, and Hounsell for an hour between 12:00 noon and 1:00 PM at the base of Westcock Hill and adjacent areas of the Westcock Marsh. Observation from as close as 60 meters - "considerably smaller than a simultaneously observed Rough-legged Hawk, with narrow wings and tail, upright posture when sitting, upper side evenly dull dark brown, lower side whitish, with light brown streaks on breast, side of head with clearly observed mustache".
- Field Sparrow - well observed by Hicklin and Prescott at Bill Johnstone's feeder in Upper Sackville. Observed with binoculars for 5-8 minutes sitting on a branch - "slightly larger than Tree Sparrow, rusty cap, white eye ring, brownish back, two fuzzy wing bars, whitish-grey breast, and greyish flanks - no barring or spotting".

(3) Other species notable due to numbers or their presence were:

- Ring-necked Pheasant - a record high of 134 individuals observed and undoubtedly accounts for the presence of the Peregrine Falcon and probably the number (3) of Goshawks that were reported.
- Glaucous Gull - an adult and immature were present at the Town Dump in Sackville.
- Black-backed Three-toed Woodpecker - a record high of 7 recorded probably due to the large number of budworm killed fir and spruce.
- Fox Sparrow - a single bird reported by Hicklin at Johnstone's feeder in Upper Sackville, and a single bird observed by Tingley in Point de Bute.
- White-throated Sparrow - a record high of 16 reported, many observed at feeders.

(4) The number of species reported (47) was the same as in 1979 and is slightly above average for this count.

(5) With the addition of the four new species in 1980, the Sackville count has recorded 89 species of birds over its 21 year history.

(6) Mammals observed on count day were: red squirrel 4, snowshoe hare 1 plus numerous tracks, white-tailed deer 1, red fox 2.

With sincere thanks to all participants.

Al Smith

Al Smith, Compiler.

P.S. Also observed during count period for the New Brunswick Naturalist (December 20 - January 4) was an immature Bald Eagle at Westcock on December 27 and 29.

CHRISTMAS BIRD COUNT
SACKVILLE, NEW BRUNSWICK

1979

Area: Sackville, New Brunswick (45°53' - 64°22'). All points within a 15 mile diameter circle centered on Trans-Canada Highway at Squire Street Extension, to include Wood Point, Fairfield, Mount View, Midgic, Jolicure and Aulac; Elevation 0-550'. Established 1960.

Coverage: December 20, 1979, 0728 to 1645 hours; 17 field observers in 6-11 parties and one feeder watcher. Total party hours 77¼ (48¼ hours on foot, 28 hours by car and 1 hour at feeders). Total party miles 282½ (452 km); 73 miles (118 km) on foot, 209½ miles (335 km) by car. Habitat coverage: second growth mixed woods 26 hours (34%), farms and open fields 14¼ hours (18%), dyked marshland 21¼ hours (27%), sea coast 4¼ hours (6%), towns and villages 11½ hours (15%).

Conditions: Clear and sunny all day, temperature -17°C (2°F) at 0715 warming to -5°C (23°F) by noon; wind very light northerly (0-2 mph); negligible snow cover; fresh water mostly frozen, salt water open with numerous small ice flows.

Wild Food Crop: Poor - virtually no cone crop at all and few weeds and grasses had any amount of seeds. Wild fruits and berries were nonexistent. Only rose-hips were available in abundance. The poor wild food crop reflects the miserable growing season experienced during the summer and fall of 1979 due to excessive rainfall.

Observers: Peter Barkhouse, Myrtle Bateman, Paul Bogaard, Ian Cameron, Tony Erskine, Hinrich Harries, Frank Hennessey, Bob Lambertson, Colin MacKinnon, Edith Miller (feeder watcher), Michael Miller, Dale Morton, Bill Prescott, Al Smith (compiler: P.O. Box 1465, Sackville, N.B., EOA 3C0), Francis Spalding, Stuart Tingley, Ian Walker, Ron Hounsell.

Count: Underlined species indicates new to the count zone; underlined number indicates highest ever recorded.

5 Canada Goose	91 Common Raven
<u>26</u> Mallard	108 Common Crow
<u>6</u> Black Duck	110 Black-capped Chickadee
<u>1</u> Wood Duck	37 Boreal Chickadee
<u>1</u> Hooded Merganser	1 White-breasted Nuthatch
<u>15</u> Common Merganser	2 Brown Creeper
<u>17</u> Red-breasted Merganser	<u>1</u> Mockingbird
<u>1</u> Goshawk	<u>1</u> American Robin
1 Sharp-shinned Hawk	46 Golden-crowned Kinglet
6 Rough-legged Hawk	2 Northern Shrike
<u>1</u> Gyrfalcon	730 Starling
<u>10</u> Ruffed Grouse	752 House Sparrow
66 Ring-necked Pheasant	1 Red-winged Blackbird
41 Great Black-backed Gull	7 Common Grackle
63 Herring Gull	8 Brown-headed Cowbird
<u>404</u> Rock Dove	30 Evening Grosbeak
<u>1</u> Barred Owl	13 Pine Grosbeak
<u>10</u> Hairy Woodpecker	9 American Goldfinch
7 Downy Woodpecker	40 Dark-eyed Junco
2 Black-backed 3-toed Woodpecker	46 Tree Sparrow
2 <i>Woodpecker</i> sp.	<u>3</u> Swamp Sparrow
14 Horned Lark	<u>4</u> Song Sparrow
4 Grey Jay	7 Lapland Longspur
<u>216</u> Blue Jay	1184 Snow Bunting

Total: 47 species, 4153 individuals.

Comments:

- (1) Conditions were perfect and coverage of the count zone was excellent with the largest number of observers ever, as well as highest number of party miles and hours for the Sackville Count zone.
- (2) Five species were new to the count zone:
 - Wood Duck - a male in full plumage flushed at close range (\approx 10 meters) by Peter Barkhouse near the outlet of Front Lake on the Tintamarre National Wildlife Area. The bird was observed by both Barkhouse and Smith for up to two minutes as it circled the area.
 - Hooded Merganser (female) observed by Peter Barkhouse at Morice Creek at distances of \approx 20 meters with binoculars, and flushed twice. The bird was first observed in the same area on December 14 by Barkhouse and Smith and was still in that location on December 24.
 - Gyr Falcon - a dark phase Gyr was observed by two field parties on the dyked marshland near the mouth of the Tantramar River. Harries and Hounsell first observed the bird at about 1230 sitting on a barn on the Westcock Marsh. The bird was viewed from a distance of about 20 meters for 5 minutes - "a buteo-sized bird, monotonously earth-brown without any color pattern, was strikingly tame allowing close approach then flew, in a northerly direction toward the Ram Pasture, showing narrow pointed wings and narrow tail, wing beat relatively slow".
Barkhouse, Morton, and Smith observed a Gyr Falcon, which was undoubtedly the same bird, at 1430 sitting on the top of the dyke near the mouth of the Aulac River some 1.8 miles from where Hounsell and Harries observed the bird two hours earlier. The bird was approximately $\frac{1}{2}$ km from the observers and sitting on the dyke. It was first thought to be a dark phase Rough-legged Hawk. However, the bird flushed and flew diagonally in front of the observers toward the CBC station and "typical falcon characteristics were noted - pointed wings and a long tapering tail, the flight was slow but direct and low over the ground, the bird appeared uniformly dark in coloration with no conspicuous pattern".
 - Barred Owl observed by Tony Erskine in the woods at the Sackville Quarry. A Barred Owl had been observed in the same area two weeks earlier.
 - Mockingbird observed by Edith Miller at her feeder on Milner Avenue. The bird had been attending the feeder for several days previous to count day. A Mockingbird was observed by Gordon Burns on Pringle Street in early December and one was reported in early January near the Sackville Medical Centre. Mockingbirds have been recorded during count period in two previous years, 1967 (in Westcock at Stallworthy's feeder) and in 1977 at McCormack's feeder on Charles Street.
- (3) There was an unusually large number of Mallards reported (26) mostly at Morice Creek and the numbers of Blue Jays (216) exceeded the previous high of 113 in 1972 by a wide margin.
- (4) The number of species reported (47) is slightly above average (45 species) since 1970. Record high for the Sackville count was 52 species in 1976. The number of individuals (4153) was well above average but well below the record number of 5595 recorded in 1976.

Comments - continued

- (5) With the addition of the five new species the Sackville Christmas Count celebrates its twentieth anniversary by having recorded 85 species of birds.
- (6) Mammals observed on count day were: Red Squirrel 11, Snowshoe Hare 1 and numerous tracks, Red Fox 1 and tracks, and Meadow Vole 1.

With sincere thanks to all participants and good birding in 1980.

Al Smith

Al Smith
Compiler

P.S. Birds seen during count period for New Brunswick Naturalist (December 15, 1979 through January 1, 1980): Purple Finch at Jim Inder's feeder on December 28 and Short-eared Owl observed by Stuart Tingley on the Aulac Marsh on New Years' day.

Christmas Bird Count
Sackville, New Brunswick

1978

Area: Sackville, New Brunswick (45°53' - 64°22'). All points within a 15 mile diameter circle centered on Trans-Canada Highway at Squire Street Extension, to include Wood Point, Fairfield, Mount View, Midgic, Jolicure and Aulac; Elevation 0 - 550'; Established 1960.

Coverage: December 18, 1978, 0725 to 1640 hours, 10 observers in 6-8 parties. Total party hours 58 (30 hours by foot, 27.5 by car, and 0.5 at feeders). Total party miles 315 (504 km); 276 miles (441.6 km) by car, 39.0 miles (62.4 km) on foot. Habitat Coverage - second growth mixed woods 18 hours (31%), farms and open fields 16 1/4 hours (28%), dyked marshland 10 1/2 hours (18%), sea coast 3 1/2 hours (6%), towns and villages 9 3/4 hours (17%).

Conditions: Mostly cloudy in the morning with intermittent snow flurries in the early morning becoming mostly clear by noon, temperature 0°C (32°F) at 0730 cooling to -3°C (27°F) by noon, wind light S.W. 5-10 kph (3-6 mph) increasing slightly during snow flurries, freshwater mostly frozen, salt water open and heavily ice clogged. Snow cover 0-3 inches, crusted and very icy.

Wild Food Crop: Good - fruits and berries abundant but few cones. Weed and grass seeds abundant and easily accessible to ground foraging species.

Count: Underlined species indicates new to the count, underlined numbers indicates highest ever recorded.

4 Mallard	63 Blue Jay
6 Black Duck	87 Common Raven
1 Oldsquaw	104 Common Crow
1 Common Merganser	66 Black-capped Chickadee
1 Goshawk	27 Boreal Chickadee
1 Red-tailed Hawk	1 Red-breasted Nuthatch
9 Rough-legged Hawk	7 American Robin
5 Ruffed Grouse	21 Golden-crowned Kinglet
36 Ring-necked Pheasant	1 Bohemian Waxwing
1 Glaucous Gull	5 Northern Shrike
128 Great black-backed Gull	335 Starling
414 Herring Gull	970 House Sparrow
6 Ring-billed Gull	1 Common Grackle
233 Rock Dove	2 Brown-headed Cowbird
2 Snowy Owl	97 Evening Grosbeak
1 Common Flicker	3 Purple Finch
1 Red-headed Woodpecker	9 Pine Grosbeak
4 Hairy Woodpecker	24 Pine Siskin
3 Downy Woodpecker	4 Dark-eyed Junco

4. A record number of Northern Shrike were observed as was the case for the Amherst and Cape Tormentine counts.
5. Numbers of Evening Grosbeaks and Ring-necked Pheasants reported are almost certainly low as judged by the frequency of reports from people operating feeders during the Christmas season.
6. Feeder reports were not solicited but field observers checked feeders in their sectors.
7. The total species reported (44) is average for the Sackville count since 1970 while the total individuals (4025) is slightly above average for the seven year period since 1971.
8. With the addition of the two new woodpecker species in 1978, a total of 80 species of birds has been reported during the 19 year history of the Sackville count.

A. D. Smith

A. D. Smith
Compiler

Mammals Observed on Count Day: Red Squirrel - 6, Red Fox - 1, Snowshoe Hare - 8, Muskrat - 4, Meadow Vole - 1.

Christmas Bird Count
Sackville, New Brunswick

1977

Area: Sackville, New Brunswick (45°53' - 64°22'). All points within a 15 mile diameter circle centered on Trans-Canada Highway at Squire Street Extension, to include Wood Point, Fairfield, Mount View, Midgic, Jolicure and Aulac; Elevation 0 - 550'; Established 1960.

Coverage: December 19, 1977, 0735 to 1630 hours, 11 observers in 6-9 parties. Total party hours 50.3 - (26.0 hours by car, 21.8 on foot and 2.5 by snowmobile). Total party miles (km) 292.6 (471.5 km); 239.6 miles (386 km) by car, 37.5 miles (60.5 km) by foot and 15.5 miles (25 km) on snowmobile. Habitat Coverage - second growth mixed woods 15.7 hours (31%), farms and open fields 12.5 hours (25%), dyked marshland 10 hours (20%), sea coast 3 hours (6%), towns and villages 9.1 hours (18%).

Conditions: Cloudy, light snow squalls in early A.M. and light mist periodically throughout the forenoon, temperature -1°C (30°F) at 0730 warming slightly to 0°C (32°F) by noon, wind NW 8-10 M.P.H., ground covered with 10-12" of lightly crusted snow, fresh water mostly frozen, salt water open with scattered ice floes.

Wild Food Crop: Poor - general total absence of spruce cones and few weed seeds or grass seeds appeared available even though weed stalks were exposed in wind swept areas.

Count: Underlined species indicates new to the count, underlined number indicates highest ever recorded.

1 Great Blue Heron	107 Common Raven
1 Canada Goose	110 Common Crow
1 Mallard	64 Black-capped Chickadee
2 Black Duck	17 Boreal Chickadee
1 Common Goldeneye	2 Brown Creeper
26 Common Merganser	18 Golden-crowned Kinglet
2 Goshawk	1 Northern Shrike
1 Sharp-shinned Hawk	<u>1146</u> Starling
7 Rough-legged Hawk	<u>904</u> House Sparrow
2 Ruffed Grouse	1 Red-winged Blackbird
<u>76</u> Ring-necked Pheasant	2 Common Grackle
1 Glaucous Gull	7 Brown-headed Cowbird
1 Iceland Gull	6 Evening Grosbeak
146 Great Black-backed Gull	20 Pine Grosbeak
370 Herring Gull	12 Common Redpoll
1 Ring-billed Gull	1 Dark-eyed Junco
78 Rock Dove	7 Tree Sparrow
1 Pileated Woodpecker	2 Song Sparrow
2 Hairy Woodpecker	14 Lapland Longspur
20 Horned Lark	48 Snow Bunting
2 Grey Jay	
<u>77</u> Blue Jay	14 Unidentified Songbirds

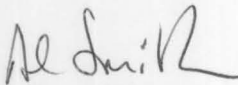
Totals: 42 species, 3322 individuals

Count Period: Seen during count period (3 days before and after count day) but not on count day. 1 Rusty Blackbird (16 December), 1 Mockingbird (21 December), 2 Downy Woodpecker (21 December), 4 American Goldfinch (21 December).

Observers: Peter Barkhouse, Paul Bogaard, Tony Erskine, Hinrich Harries, Peter Hicklin, Ron Hounsell, Bob Lamberton, Tony Lock, Susan Rotroff, Al Smith (compiler), Stu Tingley.

Comments:

1. Conditions on count day were fair and coverage of the count zone was generally good especially in terms of total party hours and miles.
2. No new species were reported and the count was somewhat uneventful. A very poor wild food crop and the general absence of meadow voles on the marshes is reflected in the low species count and low individual totals for many species. Winter finches were virtually absent in the zone and even ground feeding species such as Snow Bunting that were so abundant last year (2884) were extremely scarce this year.
3. The single Great Blue Heron was observed at the outlet of Front Lake and appeared in good health. Herons were also observed on the count in 1969 and 1975. A Great Blue Heron observed by Paul Bogaard on December 16 near British Settlement was possibly the same bird observed on the Amherst Count (December 26) at Lower Macaan. The bird at Front Lake (Jolicure) was still present on December 28.
4. Record high numbers were reported for two species; Ring-necked Pheasant - 78 (previous high of 38 in 1972) and Starling - 1146 (previous high of 563 in 1974).
5. The number of species recorded (42) is average for the count but well below the record 52 species reported in 1976. The individual total of 3322 is average for the Sackville count.
6. For the second year in a row the Sackville Count has had a higher species tally than Cape Tormentine.


A. D. Smith
6 January 1978

Mammals Observed on Count Day: Red Squirrel - 14, Red Fox - 1, no meadow voles or sign which probably accounts for the scarcity of hawks. Red Squirrels were observed (Barkhouse) eating and storing rose hips at one location near the Sunken Island Bog.

Name and Address of Observers

Peter Barkhouse	P.O. Box 212, Sackville, New Brunswick
Paul Bogaard	P.O. Box 1382, Sackville, New Brunswick
Tony Erskine	P.O. Box 1327, Sackville, New Brunswick
Hinrich Harries	P.O. Box 1182, Sackville, New Brunswick
Peter Hicklin	General Delivery, Sackville, New Brunswick
Ron Hounsell	P.O. Box 1391, Sackville, New Brunswick
Bob Lamberton	c/o Mount Allison University, Sackville, New Brunswick
Tony Lock	Middle Sackville, New Brunswick
Susan Rotroff	Mount Allison University, Sackville, New Brunswick
Al Smith (Compiler)	P.O. Box 1465, Sackville, New Brunswick
Stuart Tingley	P.O. Box 1629, Sackville, New Brunswick

Elevation
0-550'

Christmas Bird Count
Sackville, New Brunswick
1976

Area: Sackville, New Brunswick (45°53' - 64°22'). All points within a 15 mile diameter circle centered on Trans-Canada Highway at Squire Street Extension, to include Wood Point, Fairfield, Mount View, Midgic, Jolicure and Aulac.

Coverage: December 20, 1976, 0730 - 1645 hours, 10 observers in 5-8 parties. No feeder reports. Total party hours 47 (23.25 hours on foot, 20.75 hours by car, 3 hours on snowmobile). Total party miles 275 (33.5 miles on foot, 226 miles by car, 15.5 miles on snowmobile). Habitat Coverage - second growth mixed woods 11 hours (23.4%), farms and open fields 11 hours (23.4%), marshland 15.5 hours (33%), sea coast 4 hours (8.5%), towns and villages 5.5 hours (11.7%).

Conditions: Clear and partly sunny in the early A.M., cloudy for the remainder of the day, temperature -8°C at 0730 hours warming to -4°C by mid-day, no wind, ground covered with 8 to 10 inches of new snow, heavily drifted in places and blown clear in exposed areas, fresh water mostly frozen, salt water filled with ice flows.

Wild Food Crop: Good - abundant weed and grass seeds available in fields and exposed dyke faces, cone crop is fair.

Count: Underlined species indicates new to the count zone, underlined number indicates highest ever reported.

2 Canada Goose	1 <u>Hermit Thrush</u>
12 Mallard	12 Golden-crowned Kinglet
3 Black Duck	1 Northern Shrike
3 <u>Common Goldeneye</u>	406 Starling
1 <u>Oldsquaw</u>	808 House Sparrow
21 Common Merganser	1 <u>Eastern Meadowlark</u>
1 Sharp-shinned Hawk	3 <u>Red-winged Blackbird</u>
18 Rough-legged Hawk	2 <u>Rusty Blackbird</u>
4 Marsh Hawk	15 Common Grackle
5 Ruffed Grouse	6 Brown-headed Cowbird
1 <u>Spruce Grouse</u>	104 <u>Evening Grosbeak</u>
29 Ring-necked Pheasant	3 <u>Purple Finch</u>
51 Great Black-backed Gull	8 Pine Grosbeak
148 Herring Gull	21 Common Redpoll
1 Ring-billed Gull	1 Pine Siskin
305 <u>Rock Dove</u>	8 American Goldfinch
4 <u>Short-eared Owl</u>	16 Dark-eyed Junco
3 <u>Hairy Woodpecker</u>	87 <u>Tree Sparrow</u>
5 Downy Woodpecker	15 <u>White-throated Sparrow</u>
1 Black-backed Three-toed Woodpecker	1 <u>Fox Sparrow</u>
50 <u>Horned Lark</u>	13 <u>Song Sparrow</u>
6 Grey Jay	1 <u>Savannah Sparrow</u>
65 Blue Jay	87 <u>Lapland Longspur</u>
118 Common Raven	2886 <u>Snow Bunting</u>
113 <u>Common Crow</u>	
71 <u>Black-capped Chickadee</u>	
27 Boreal Chickadee	12 Unidentified Song Birds
8 <u>American Robin</u>	1 Unidentified Duck

Total: 52 species, 5595 individuals

Observers: Peter Barkhouse, Gordon Burns, Trevor Goward, Hinrich Harries, Ron Hounsell, Bob Lamberton, Tony Lock, Al Smith (compiler), Ralph Stopps, Stuart Tingley.

Comments:

1. Conditions during count day were excellent and coverage of the zone was good.
2. Five species were new to the count;
Common Goldeneye - 3 observed by Smith at Fillamore's Hole, Tintamarre National Wildlife Area with a flock of 18 Common Merganser.
Spruce Grouse - a female observed by Harries, close observation for up to 5 minutes, the bird was eating buds of a fir tree.
Short-eared Owl - 1 observed by Harries and Hounsell at Westcock Marsh, and three (3) reported by Barkhouse and Smith (1 near mouth of Aulac River, 1 near Tongues Island, 1 near the White-birch Road). The Tongues Island bird was observed at close range, 30 - 40 yards, for several minutes.
Hermit Thrush - 1 observed at A. Smith's residence feeding in a hawthorne tree. The bird was observed daily during the period December 16 to December 24, 1976.
Eastern Meadowlark - observed by Harries and Hounsell on the salt marsh, outside the dyke at Westcock. Close observation for several minutes.
3. Several species were reported in record high numbers - 309 Rock Dove (129 in 1972), 50 Horned Lark (23 in 1972), 113 Common Crow (81 in 1973 and 1974), 8 American Robin (6 in 1973), 3 Red-winged Blackbird (2 in 1974), 104 Evening Grosbeak (71 in 1973), 87 Tree Sparrow (37 in 1975), 15 White-throated Sparrow (3 in 1972), 13 Song Sparrow (3 in 1974), 87 Lapland Longspur (11 in 1972) - Peter Barkhouse observed single flocks of 26 and 55 birds feeding on the dykes at Dixon Island Marsh, 2886 Snow Bunting (874 in 1966) - Bunting were observed everywhere throughout the open marshland.
4. Marsh Hawks (4) were observed for the second time on the count (1 - Harries and Hounsell, 3 - Smith and Barkhouse). The previous record for Marsh Hawks was in 1973 when 4 were also reported. Four of the 18 Rough-legged Hawks observed were dark phase birds.
5. Exceptionally large numbers of ground feeding song birds were reported, similar to the Cape Tormentine count of December 19. The season's first heavy snowfall December 17 may partially account for that.
6. A record number of species (52) was recorded in 1975, the previous high being 48 species in 1971. Total individual count of 5595 birds was substantially higher than the high of 3166 in 1974.
7. With the addition of the five new species reported on the Sackville count in 1976, a total of 82 species of birds have been reported over the 17 year history of the count.

A. D. Smith
A. D. Smith
January 5, 1977

Mammals Observed on Count Day: Red Fox - 4, Red Squirrel - 15, Muskrat - 1

Christmas Bird Count
Sackville, New Brunswick

1975

Area: Sackville, New Brunswick (45°53' - 64°22'). All points within a 15 mile diameter circle centered on Trans-Canada Highway at Squire Street Extension, to include Wood Point, Fairfield, Mount View, Midgic, Jolicure and Aulac.

Coverage: December 23, 1975, 0745-1615 hours, 11 observers in 6-9 parties. No feeder reports. Total party hours 51 (32 hours on foot, 19 hours by car). Total party miles 207 1/2 (40 1/2 on foot, 167 by car). Habitat coverage - second growth mixed woods 14 1/4 hours (28%), farms and open fields 14 3/4 hours (29%), marshland 11 1/2 hours (22.5%), salt marshes and shore of Cumberland Basin 5 hours (10%), towns and villages 5 1/2 hours (10.5%).

Conditions: Miserable - periods of light snow and ice pellets in early morning, tapering to snow flurries by 10:00 a.m. and continuing until 1:00 p.m., cloudy remainder of the day, temperature -2°C to 0°C (30-32°F) remaining fairly steady all day, winds North 15-20 MPH in early morning, shifting to SE 5-10 MPH by mid-day, ground covered with 4-6 inches of crusted snow, fresh water mostly frozen, salt water filled with ice flows.

Wild Food Crop: Fair - light snow cover made available weed and grass seeds to ground-foraging species, however spruce cones were generally absent or covered with ice.

Count: Underlined species indicates new to the count zone, underlined number indicates highest ever recorded.

1 Great Blue Heron	2 Brown Creeper
113 Canada Goose	<u>1</u> American Robin
6 Mallard	9 Golden-crowned Kinglet
18 Black Duck	1 Ruby-crowned Kinglet -
3 Common Merganser	3 Northern Shrike
4 Red-breasted Merganser	<u>378</u> Starling
<u>1</u> Sharp-shinned Hawk	569 House Sparrow
17 Rough-legged Hawk	2 Common Grackle
4 Ruffed Grouse	2 Brown-headed Cowbird
11 Ring-necked Pheasant	14 Evening Grosbeak
1 Iceland Gull	4 Pine Grosbeak
101 Great Black-backed Gull	<u>369</u> Common Redpoll
253 Herring Gull	<u>24</u> White-winged Crossbill
5 Ring-billed Gull	32 Dark-eyed Junco
1 <u>Glaucous Gull</u>	<u>37</u> Tree Sparrow
60 Rock Dove	<u>1</u> White-throated Sparrow
2 Snowy Owl	2 Swamp Sparrow
7 Hairy Woodpecker	<u>2</u> Song Sparrow
2 Downy Woodpecker	1 Lapland Longspur
1 Black-backed 3-toed Woodpecker	<u>671</u> Snow Bunting
14 Horned Lark	
44 Blue Jay	4 Unidentified Song Birds
74 Common Raven	10 Unidentified Gulls
41 Common Crow	
65 Black-capped Chickadee	
23 Boreal Chickadee	

Total: 46 species, 3,010 individuals. Seen during count period - 5 Bohemian Waxwings Dec. 25 (A. Smith) and 35 on Dec. 29 (T. Goward and S. Tingley), 1 Rusty Blackbird seen in Sackville on Dec. 21 (R. Lamberton).

Observers: Peter Barkhouse, Gordon Burns, Ian Cameron, Brian Dalzell, Trevor Goward, Hinrich Harries, Ron Hounsell, Barry Hughson, Bill Prescott, Al Smith (compiler), Stuart Tingley.

Comments:

1. Conditions during count day were very poor, with low visibility in the morning and high noise level in forested area due to ice covered branches, crusted snow cover made walking and vehicle passage difficult. Coverage of many sections of the count zone was poor.
2. Only one species was new to the Sackville count - Glaucous Gull - an immature (2nd winter) bird observed sitting on the ice with Black-backed and Herring Gulls at the Sackville Sewage Lagoon (Barkhouse and Smith).
3. Feeder reports were not collected this year; however, Gordon Burns checked most sections of the town where feeders were operating.
4. Species unusual for the Sackville count but reported in other years were: Iceland Gull - an immature at the Sackville Town Dump (Smith and Barkhouse), Ring-billed Gull - one at Sackville Town Dump, 4 at Dorchester Dump (Harries); Ruby-crowned Kinglet - one observed by Cameron and Dalzell at the Sackville Reservoir; Swamp Sparrow - two reported (both immature), one in a ditch along the high marsh road (Barkhouse and Smith) and one near Allen Creek (Harries and Hounsell) - first records of Swamp Sparrows in the Sackville Count Zone since 1964.
5. Due to low visibility the numbers of Snowy Owl and Rough-legged Hawks are undoubtedly low. Recent reports indicate that there may be as many as five Snowy Owls on the marshes this year.
6. Counts for forested areas are likely very low as well due to adverse weather conditions experienced on count day. Nuthatches went from record high numbers in 1974 on both Sackville and Cape Tormentine zones to zero for both counts in 1975. Golden-crowned Kinglets were also very scarce on both counts this year.
7. The number of species recorded (46) is the same as the last two years and two less than the record 48 in 1971. Total individual count of 3,010 is only slightly less than the previous high of 3,166 in 1974.
8. With the addition of Glaucous Gull in 1975 a total of 77 species of birds have been reported during count days over the 16 year history of the Sackville Christmas Count. Two additional species have been recorded during count period.

A. D. Smith
January 8, 1976

Mammals Observed on Count Day: Red Fox - 3, Red Squirrel - 13, Snowshoe Hare - 2.
Note - 4 Red Squirrels were reported from rather unusual locations well out on the dyked marshland.

Christmas Bird Count
Sackville, New Brunswick
1974

Area: Sackville, New Brunswick (45°53' - 64°22'). All points within a 15 mile diameter circle centered on Trans-Canada Highway at Squire Street Extension, to include Wood Point, Fairfield, Mount View, Midgic, Jolicure and Aulac.

Coverage: December 18, 1974, 0730 - 1630 hours, 12 field observers in 7 - 10 parties plus 6 feeder reports. Total party hours 55½ (27¼ hours on foot, 25¼ hours by car, 3 hours at feeders). Total party miles 293 (37 on foot, 256 by car). Habitat coverage - second growth mixed woods 22¼ hours (40%), farms and open fields 10¼ hours (19%), marshland 9 hours (16%), sea coast 4½ hours (8%), towns and villages 9½ hours (17%).

Conditions: Intermittent light rain in early A.M. partially clearing with sunny intervals by 9 A.M., completely overcast by 10 A.M. with light snow flurries between 2 and 3 P.M., temperature 38°F at 0730 and remaining fairly constant all day - cooling appreciably after 3 P.M., winds NW 8-10 mph, ground bare and mostly frozen in open exposed areas, fresh water partially frozen, salt water open.

Wild Food Crop: Excellent - an extremely heavy spruce cone crop and an abundance of seeds available due to lack of snow cover.

Count: Underlined species indicates new to count zone, underlined number indicates highest ever recorded.

57 Canada Goose	1 White-breasted Nuthatch
4 Mallard	<u>28</u> Red-breasted Nuthatch
<u>203</u> Black Duck	1 American Robin
8 Common Merganser	<u>158</u> Golden-crowned Kinglet
2 Sharp-shinned Hawk	1 Ruby-crowned Kinglet
6 Rough-legged Hawk (light)	1 <u>Loggerhead Shrike</u>
3 Ruffed Grouse	2 Northern Shrike
8 Ring-necked Pheasant	<u>563</u> Starling
1 Iceland Gull (immature)	1 <u>Pine Warbler</u>
<u>103</u> Great Black-backed Gull	2 Palm Warbler
<u>308</u> Herring Gull	809 House Sparrow
3 Ring-billed Gull	2 Red-winged Blackbird
112 Rock Dove	<u>83</u> Cowbird
1 Snowy Owl	8 Pine Siskin
8 Hairy Woodpecker	8 American Goldfinch
10 Downy Woodpecker	12 Dark-eyed Junco
4 Black-backed 3-toed Woodpecker	18 Tree Sparrow
4 Horned Lark	2 White-throated Sparrow
<u>13</u> Grey Jay	3 Song Sparrow
<u>89</u> Blue Jay	1 Savannah Sparrow
89 Common Raven	1 <u>Chipping Sparrow</u>
81 Common Crow	45 Snow Bunting
<u>237</u> Black-capped Chickadee	1 Unidentified Sparrow
<u>61</u> Boreal Chickadee	

Total: 46 species, 3,166 individuals. Seen during count period (Dec. 20) - 2 Common Grackle (Hounsell and Barrow).

Observers: Bill Barrow, Paul Bogaard, Gordon Burns, Ian Cameron, Hinrich Harries, Ronald Hounsell, Barry Hughson, Don McLennan, Reid McManus, Bill Prescott, Al Smith (compiler), Stuart Tingley.

Feeders Reporting: Mrs. N.A. Weldon, Mrs. John Clark, Mr. & Mrs. Bill Black, Dr. & Mrs. W. Godfrey, Mr. Lindsay Smith, Mrs. Roger Calkins.

Comments:

1. Weather conditions, although highly variable, were generally good during count day. Coverage of the count zone was good due to favourable driving conditions. Both total party hours and miles were down considerably from last year; foot milage down significantly to 36½ miles from 62 miles last year.
2. Mild weather conditions prevailed throughout the month of December, which undoubtedly accounts for the high number of birds (species and individuals) observed.
3. Three species were new to the Sackville count:

Loggerhead Shrike - 1 adult reported by Prescott and McLennan along the Fairfield Road near Keillor Brook, close observation (100 yds.) for 5 minutes using a 20-45x scope, the black face bar extending across the forehead and no breast barring was reported.

Pine Warbler - 1 observed by Gordon Burns in the woodlot behind Tantramar Regional High School, close observation (40 ft.).

Chipping Sparrow - 1 (immature) observed by S. Tingley in a small apple tree in Aulac, observed closely for up to 45 seconds, seemed to be associating with two Song Sparrows.

4. Few birds were reported by feeder observers (9 sp. 150 individuals) and no species that were not observed in the field. The very open, mild conditions probably accounts for that.
5. Species unusual for the count but reported in previous years were: Iceland Gull an immature at the Sackville dump (Bogaard and Smith), Ring-billed Gull - 3 at the Sackville dump (Bogaard and Smith), Black-backed 3-toed Woodpecker - 3 near Aulac (Tingley and Cameron) and 1 near Breau Creek (R. McManus), Ruby-crowned Kinglet - 1 in the woodlot behind the High School (Burns), Palm Warbler - 1 at the Mt. Allison Quarry, 1 behind woodlot at the High School (Burns), Pine Siskin - 8 observed near the fire tower road (Prescott and McLennan), American Goldfinch - 8 reported by Burns.
6. The lone Snowy Owl was observed by Smith and Bogaard at Tongues Island. The number of Rough-legged Hawks (6) was the lowest since 1970 (1970 - 1, 1971 - 52, 1973 - 49).
7. With the exception of unusually high numbers of Kinglets, Chickadees and Red-breasted Nuthatches, bird populations in forested areas are very low. The virtual absence of finches in the count zone is most unusual, especially in a year of an abundance of cones.
8. The number of species reported (46) is the same as in 1973 and two less than the record 48 in 1971. Total individual count of 3,166 is a new high exceeding by over 400 the previous high of 2709 in 1972.

A. D. Smith
December 27, 1974

Mammals observed on count day: Red Squirrel - 30, Snowshoe Hare - 3, Muskrat - 1.

Christmas Bird Count
Sackville, New Brunswick
1973

Area: Sackville, New Brunswick (45°53' - 64°22')

Habitat: Mixed woods 42%, dyked marshland 21%, farms and open fields 19%, sea coast 9% (shore of Cumberland Basin), towns and villages 9%. (Percentages represent the proportion of observer time spent in each habitat type.)

Coverage: December 21, 1973, 0730 - 1700 hours, 14 observers in 7 - 11 parties plus 7 feeder reports. Total party hours 74 (56 on foot, 18 by car). Total party miles 333 (62 on foot, 271 by car).

Conditions: Cloudy all day, temperature 38°F at 0730 rising to 42-45°F by mid day, strong south-west winds 10-15 gusting to 25 throughout the day. Ground bar - frozen in early a.m. but thawed by noon, fresh water partially frozen, salt water open.

Wild Food Crop: Fair: good foraging for ground feeding species due to lack of snow cover, virtually no spruce cone crop.

Count: Underlined species indicates new to count zone, underlined number indicates highest ever recorded.

17 Mallard	66 Black-capped chickadee
<u>270</u> Black duck	23 Boreal chickadee
<u>1</u> Pintail	1 Brown creeper
1 Am. Green-winged teal	6 Robin
<u>1</u> Canvasback	<u>39</u> Golden-crowned kinglet
<u>53</u> Common merganser	<u>1</u> Ruby-crowned kinglet
<u>2</u> Sharp-shinned hawk	264 Starling
1 Red-tailed hawk	108 House sparrow
49 Rough-legged hawk	1 Red-winged blackbird
<u>4</u> Marsh hawk	1 Rusty blackbird
<u>6</u> Ruffed grouse	<u>10</u> Common Grackle
<u>1</u> Iceland gull	1 Cardinal
<u>96</u> Great black-backed gull	50 Brown-headed cowbird
<u>321</u> Herring gull	<u>71</u> Evening grosbeak
<u>16</u> Ring-billed gull	<u>21</u> American goldfinch
87 Rock dove	3 Red Crossbill
4 Hairy woodpecker	3 Slate-coloured junco
3 Downy woodpecker	24 Tree sparrow
1 Horned lark	1 White-throated sparrow
<u>12</u> Grey jay	<u>2</u> Savannah sparrow
<u>76</u> Blue jay	2 Song sparrow
120 Common raven	5 Lapland longspur
81 Common crow	80 Snow bunting
	9 Unidentified song birds

Total: 46 species, 2621 individuals.

Seen during count period (Dec. 15-Jan.1) but not on count day: Snowy owl (Dec.25), Great blue heron (Dec.17), Yellowthroat (Dec.20 and a second bird Dec.29), Merlin (Dec.23), Mourning Dove (Dec.30).

Observers: Peter Barkhouse, Bill Barrow, Richard Blacquiere, Paul Bogaard, Gordon Burns, Winnifred Cairns, Ian Cameron, Hinrich Harries, Ron Hounsell, Barry Hughson, Reid McManus, Ted Pulford, Al Smith (Compiler), Stuart Tingley.

Feeders reporting: Mr. Bill Black, Mrs. Roger Calkins, Mrs. Wm. Godfrey, Mrs. L.P. Harris, Mrs. Don McPhail, Mrs. David Paul, Mrs. N.A. Weldon.

1. The number of field observers was the highest ever and coverage of the count zone was generally good. Muddy road conditions resulted in rather sparse coverage of some marshland and forested sections. The high wind that prevailed during count day made observation difficult.
2. An exceptionally warm December with several record breaking high temperatures no doubt accounts for several species that are not normally observed on the Sackville count.
3. Seven species reported were new to the Sackville count.

Pintail, female, observed by Barkhouse and Smith with a flock of blacks near the mouth of the Tantramar River. A male Pintail was observed on Dec. 20 by Smith in the same general area.

Canvasback, male, observed by Barkhouse and Smith with a flock of Blacks at the mouth of the Tantramar River. First observed on Dec. 20 by Smith and has since been seen by Tingley.

Marsh hawk - two observed by Smith and Barkhouse near the high marsh road and 2 observed by Tingley and Cameron.

Ring-billed gull - 7 sitting on the ice edge with large flock of Herring gulls at the Tantramar River Causeway (Smith and Barkhouse), and 9 observed by Harries, Hounsell & Cairns near Westcock.

Ruby-crowned kinglet - near Dave MacAulay's in Middle Sackville - observed by Bogaard and Pulford.

Cardinal, female - seen on count day by Gordon Burns near Quarry Lane, Sackville, first observed on Dec. 20 by Lee Calkins at her feeder on West Main Street

Savannah sparrow - one near the dykes at Fort Beausejour (Smith and Barkhouse) and one on the Westcock marsh (Harries, Hounsell, Cairns)

4. Species unusual to the count but reported before are American green-winged teal (Smith and Barkhouse), Iceland Gull (Bogaard and Pulford), American goldfinch (Burns, Barrow, Hughson) and Red crossbill (Blacquiere).
5. Feeders reported four species not observed in the field. A Brown creeper was at Godfrey's feeder on Squire Street; Robins at Calkins', Weldon's and Black's; a Red-winged blackbird at Paul's feeder and a Rusty blackbird at Calkins'.
6. Bird populations in forested areas were extremely low. For example Reid McManus spent 7½ hours on foot covering approximately 12 miles in the mixed forest (predominantly spruce-fir) along Breau Creek in the Northern Sector of the count zone. His total count for that period was: 4 Grey jay, 1 Raven, 2 Black-capped chickadee, 4 Golden-crowned kinglet and 1 Snow bunting.
7. The number of species reported (46) is high for the Sackville count (record 48 in 1971) and total number of individuals (2621) approached the record high of 2709 last year.
8. Count period records are interesting; a Snowy Owl near the CBC Radio Station on Dec. 25 (Pulford), a Great blue heron observed trying to land at Edgar Dixon's Pond in Sackville on Dec.17, two Yellow-throat reports, one near Ft. Beausejour (Tingley) on Dec. 20 and one near the T.C.H. at Mt. View on Dec.29 (Smith). A Merlin observed by Smith at Queens Rd., Sackville Dec.23, and finally Peter Barkhouse reports 4 Mourning Doves on Dec.30 near the junction of the Midgic and White Birch Roads.

A.D. Smith
January 5, 1974

CHRISTMAS BIRD COUNT

Sackville, New Brunswick - 1972

Area: Sackville, New Brunswick (45°53' - 64°22'). All points within a 15 mile diameter circle centered on Trans-Canada Highway at Squire Street Extension, to include Wood Point, Fairfield, Mount View, Midgic, Jolicure and Aulac.

Habitat: Mixed woods, 47%; farm and open fields, 30%; dyked marshland, 11%; shore of Cumberland Basin, 12%; (percentages represent the proportion of time spent in each habitat type).

Coverage: December 19, 1972, 0720 - 1620 hours, 10 observers in 7 - 8 parties, plus 8 feeder reports. Total party hours 52½ (24 on foot, 24½ in car, 2 by ski-doo), total party miles 306 (242½ by car, 41½ on foot, 12 by ski-doo).

Conditions: Light overcast, sunny intervals by mid-day, 0°F at 7:30 a.m. moderating to 20°F by 2:00 p.m., wind light N.W. in a.m., calm in the afternoon, 6 - 8 inches snow cover (crusted), most fresh water frozen, salt water clogged with ice flows.

<u>Count:</u>	16 Black Duck	2 Robin
	3 Common Merganser	2 Golden-crowned Kinglet
	1 Sharp-shinned Hawk	12 Bohemian Waxwing
	1 Red-tailed Hawk	2 Northern Shrike
	25 Rough-legged Hawk	216 Starling
	38 Ring-necked Pheasant	<u>963</u> House Sparrow
	61 Great Black-backed Gull	2 Rusty Blackbird
	252 Herring Gull	<u>28</u> Common Grackle
	129 Rock Dove	<u>13</u> Brown-headed Cowbird
	6 Hairy Woodpecker	46 Evening Grosbeak
	5 Downy Woodpecker	35 Pine Grosbeak
	<u>23</u> Horned Lark	3 Slate-coloured Junco
	<u>11</u> Gray Jay	11 Tree Sparrow
	<u>113</u> Blue Jay	3 White-throated Sparrow
	<u>218</u> Common Raven	<u>11</u> Lapland Longspur
	56 Common Crow	224 Snow Bunting
	<u>153</u> Black-capped Chickadee	4 Unidentified Woodpecker
	8 Boreal Chickadee	12 Unidentified Song Birds
	1 White-breasted Nuthatch	

Total: 35 species, 2709 individuals.

Seen during count period but not on count day: Snowy Owl, Great Blue Heron, and Purple Finch.

Observers: Bill Barrow, Paul Bogaard, Gordon Burns, Ian Cameron, Ron Hounsell, Barry Hughson, Reid McManns, Ted Pulford, Al Smith (Compiler), Stuart Tingley.

Feeders Reporting: Mrs. H. Burke, Mrs. Roger Calkins, Mrs. John Clark, Mrs. J. G. Greenslade, Mrs. Don McPhail, Mrs. A. J. Smith, Mr. H. L. Smith, Mrs. N. A. Weldon.

Comments:

1. No species new to the Sackville Count were reported. However, several species showed a significant numerical increase - Horned Lark, Blue Jay, Common Raven, Black-capped Chickadee, House Sparrow, Common Grackle and Lapland Longspur. A single flock of 131 Ravens was observed by Bogaard and Smith emerging from the area of the Sunken Island Bog flying west over the Trans-Canada Highway toward Westcock.
2. Ted Pulford observed the 12 Bohemian Waxwings near Silver Lake. That is the third time that Bohemian Waxwings have been reported on the Sackville Count, however small numbers of this species have been reported in the Sackville - Amherst area during most recent winters.
3. Feeders did not report any species not observed in the field, however accounted for 26 of the Ring-necked Pheasants observed, 18 Grackles, 12 Cowbirds, 31 Evening Grosbeak and 2 of the White-throated Sparrows.
4. The number of species reported (35) is average for the Sackville Count. Below average temperatures for much of November and December no doubt accounts for the absence of unusual or "half-hardy" species at feeding stations. The number of individuals (2709) was the highest ever, considerably higher than the previous high of 2057 in 1969.
5. Snowy Owls (at least two) were observed on several occasions near the high marsh road in early December; however, none appeared on count day. A Snowy was observed near the junction of the C.B.C and high marsh roads by Smith on December 27. Pulford observed two Snowy Owls in the same general area on December 30. Keith McAloney observed an American Coot and a Great Blue Heron at Fillmore's Hole (Tintamarre NWA) on December 13; however, no birds were observed at Fillmore's Hole on count day. Ted Pulford observed a Great Blue Heron on December 25 in a small stream along the highway between Sackville and Dorchester, and a second Great Blue Heron (probably not the same bird) at Beach Pond (Tintamarre NWA) on December 30 and 31.

A. D. Smith
January 3, 1973

CHRISTMAS BIRD COUNT - Sackville, New Brunswick - 1972

Observers

Mr. Bill Barrow, P. O. Box 1475, Sackville, New Brunswick
Mr. Paul Bogaard, P. O. Box 1382, Sackville, New Brunswick
Mr. Gordon Burns, P. O. Box 132, Sackville, New Brunswick
Mr. Ian Cameron, P. O. Box 308, Sackville, New Brunswick
Mr. Ron Hounsell, P. O. Box 1391, Sackville, New Brunswick
Mr. Barry Hughson, P. O. Box 623, Sackville, New Brunswick
Mr. Reid McManus, Memramcook, New Brunswick
Mr. Ted Pulford, P.O. Box 476, Sackville, New Brunswick
Mr. Al Smith (Compiler), P. O. Box 1465, Sackville, New Brunswick
Mr. Stuart Tingley, Aulac, New Brunswick

Feeders Reporting

Mrs. H. Burke, Box 1345, Sackville, New Brunswick
Mrs. Roger Calkins, Box 172, Sackville, New Brunswick
Mrs. John Clark, Box 183, Sackville, New Brunswick
Mrs. J. G. Greenslade, Box 853, Sackville, New Brunswick
Mrs. Don McPhail, Box 285, Sackville, New Brunswick
Mrs. A. J. Smith, Box 1251, Sackville, New Brunswick
Mr. H. L. Smith, Middle Sackville, New Brunswick
Mrs. N. A. Weldon, Box 1030, Sackville, New Brunswick

CHRISTMAS BIRD COUNT - Sackville, N.B. - 1971

Area: Sackville, N.B. (45°53' - 64°22'). All points within a 15 mile diameter circle, centre on Trans-Canada Highway at Squire Street Extension, to include Wood Point, Fairfield, Mount View, Midgic, Jolicure and Aulac.

Habitat: Mixed woods, 45%; farm and open fields, 25%; dyked marshland, 13%; salt marshes and shore of Cumberland Basin, 17%; (percentages represent the proportion of time spent in each habitat type).

Coverage: December 18, 1971, 0730-1550 hours, 8 observers in 6-7 parties, plus 9 feeder reports. Total party hours 42 (18½ in car, 23½ on foot), total party miles 254½ (226 by car, 28½ on foot).

Conditions: Cloudy, snow flurries, clearing by 10:00 a.m., wind light increasing to NW 10-15 mph by 1:00 p.m., temperature 9-17°F., 3-6" snow cover (crusted), most fresh water frozen, salt water open (ice flows).

Count:

351 Canada Geese	3 White-breasted Nuthatch
1 Mallard	1 Brown Creeper
132 Black Duck	1 Robin
1 Oldsquaw	10 Golden-crowned Kinglet
36 Common Merganser	160 Starling
1 Red-breasted Merganser	1 Palm Warbler
1 Goshawk	309 House Sparrow
2 Sharp-shinned Hawk	1 Red-winged Blackbird
2 Red-tailed Hawk	3 Rusty Blackbird
52 Rough-legged Hawk	21 Grackle
2 Ruffed Grouse	19 Cowbird
33 Ring-necked Pheasant	18 Evening Grosbeak
36 Great-Black-backed Gull	4 Pine Grosbeak
132 Herring Gull	152 Redpoll
31 Rock Dove	6 Pine Siskin
5 Snowy Owl	5 White-winged Crossbill
1 Pileated Woodpecker	1 Rufus-sided Towhee
3 Hairy Woodpecker	12 Junco
2 Downy Woodpecker	3 Tree Sparrow
1 Northern 3-toed Woodpecker	1 White-throated Sparrow
4 Horned Lark	69 Snow Bunting
7 Grey Jay	29 Unidentified Song Birds
75 Blue Jay	40 Unidentified Ducks
110 Common Raven	1 Unidentified Owl sp.
22 Common Crow	
107 Black-capped Chickadee	
21 Boreal Chickadee	

Total: 48 species, 2041 individuals.

Observers: Paul Bogaard, Gordon Burns, Ross Hall, Hinrich Harries, Ron Hounsell, Reid McManus, Ted Pulford, Al Smith (compiler).

Feeders reporting: Mr. & Mrs. J.W. Black, Mrs. H. Burke, Mrs. John Clark, Mrs. J.E. Greenslade, Mrs. L.P. Harris, Mr. & Mrs. D. McPhail, Mrs. A.J. Smith, Mr. H.L. Smith, Mrs. N.A. Weldon.

Comments:

1. Weather conditions were generally favourable and coverage of the count zone was good.
2. Four species reported were new to the Sackville count - Oldsquaw, Northern Three-toed Woodpecker, Palm Warbler, and Rufus-sided Towhee. The oldsquaw was observed by Harries and Hounsell in Cumberland Basin off Westcock. Hounsell observed the Northern three-toed woodpecker in a forested area near Dorchester. The Palm Warbler was observed at a feeder (Black) as was the Towhee (Harris).
3. The number of species reported (48) was the highest ever for the Sackville count, and the number of individuals (2041) was only exceeded by the 1966 total of 2134. Feeders reported seven species not observed in the field, Hairy Woodpecker, White-breasted Nuthatch, Common Grackle, Rufus-sided Towhee, Red-winged Blackbird and Palm Warbler.
4. The mild weather of early December probably accounts for the abundance of unusual or half-hardy species reported. Common Grackle were reported at 7 of the 9 feeders. The Rufus-sided Towhee has been visiting the Harris' feeder almost daily throughout the month of December. A Palm Warbler was observed by Pulford at this home on Charlotte Street in early December and the one reported on count day has been visiting the Black's feeder daily for the past two weeks. The bird was observed on December 23 apparently in a weakened condition but surviving the extremely cold nights of December 19 and 22.
5. As was expected, Rough-legged Hawks and Snowy Owls appeared in high numbers, and is undoubtedly correlated with a peak lemming year in the Arctic. Rough-legged Hawks appeared everywhere throughout the open farmland and dyked marshland of the count zone. The total of 52 Rough-legs (8 dark phase) is considered a conservative one. Four of the five Snowy Owls were observed by Smith and Bogaard on the marsh above the High Marsh Road. Hall observed a Snowy Owl on the marsh near Midgic.
6. The total absence of spruce cones this year probably contributed to the general scarcity of winter finches.

A. D. Smith
December 24, 1971

CHRISTMAS BIRD COUNT

Sackville, N.B. - 1970

Area: Sackville, N.B. (45°53' - 64°22'). All points within a 15 mile diameter circle, centre on Trans-Canada Highway at Squire Street Extension, to include Wood Point, Fairfield, Mount View, Midgic, Jolicure and Aulac.

Habitat: Mixed woods, 55%; farm and diked marshland, 18%; shore of Cumberland Basin, 15%; Town of Sackville, 12%.

Coverage: 22 December, 1970, 0730 - 1645 hours, 6 observers in 5 parties plus 9 feeder reports. Total party hours, 19. Total party miles 201.5 (188 by car, 8.5 on foot, 5 by ski-doo).

Conditions: Sunny, extremely cold - temperature 8-11°F.; wind N.W. 15-20 gusting to 30 mph; 30-35" snow cover, most fresh and salt water frozen.

Count:

7 Black Duck	74 Common Raven
1 American Merganser	22 Common Crow
2 Goshawk	47 Black-capped Chickadee
2 Sharp-shinned Hawk	20 Boreal Chickadee
1 Rough-legged Hawk	314 Starling
1 Bald Eagle	437 House sparrow
17 Ring-necked Pheasant	5 Common Grackle
25 Great Black-backed Gull	8 Evening Grosbeak
37 Herring Gull	1 Pine Grosbeak
45 Rock Dove	4 Slate-colored Junco
1 Yellow-bellied Sapsucker	9 Tree Sparrow
1 Downy Woodpecker	1 White-throated Sparrow
8 Horned Lark	1 Fox Sparrow
3 Grey Jay	1 Snow Bunting
37 Blue Jay	7 Unidentified Fringillidae

Total - 29 species, 1149 individuals

Seen during count period but not on count day - Brown Creeper (Calkins)

Observers: Gordon Burns, Hinrich Harries, Ronald Hounsell, Reid McManus, Ted Pulford, Al Smith (compiler).

Feeders reporting - Mrs. H. Burke, Mrs. Roger Calkins, Mrs. John Clark, Mrs. N. Cormier, Mrs. J.E. Greenslade, Mrs. L.P. Harris, Mrs. D. McPhail, Mrs. A. J. Smith, Mrs. N.A. Weldon.

Comments:

1. Extremely poor weather conditions prevailed during count day and probably accounts in part for the low species and individual counts. Coverage of the count zone was poor (outside forest areas) as drifting snow blocked most marsh roads.
2. The number of species reported was the lowest (29) since 1966. That is no doubt attributed to the prolonged cold period in early December along with the depth of snow cover. The number of individuals (1149) was the lowest since 1963 when coverage of the count zone was not nearly as extensive as it was in 1970.
3. One species, Yellow-bellied Sapsucker reported at a feeder (Harris) was new to the Sackville count. Numbers of most of the regular species observed on the Sackville count were down in 1970 - i.e. Black Duck, Common Merganser, Rough-legged Hawk, Herring Gull, Snow Bunting.
4. Feeders reported four species not observed in the field; Ring-necked Pheasant (Smith, 16; Weldon, 1), Common Grackle (Calkins), Yellow-bellied Sapsucker and Downy Woodpecker (Harris).

A.D. Smith
Wildlife Biologist

December 24, 1970

CHRISTMAS BIRD COUNT - Sackville, N.B. - 1969

Sackville, N.B.

Area: Sackville, N. B. ($45^{\circ}53'$ - $64^{\circ}22'$). All points within a 15 mile diameter circle, centre on Trans-Canada Highway at Squire Street Extension, to include Wood Point, Fairfield, Mount View, Midgic, Jolicure and Aulac.

Habitat: Mixed woods, 60%; farm and diked marshland, 22%; shore of Cumberland Basin, 14%; Town of Sackville, 5%.

Coverage: 21 December, 1969, 0730 - 1630 hours; 7 observers in 6 parties, plus 8 feeder reports. Total party hours 31. Total party miles 159 (122 by car, 10½ by ski-doo, 26½ on foot).

Conditions: Sunny, temperature 15° - 22° F; wind in a.m. N.W. 10 - 15 m.p.h., decreasing to 0 - 5 m.p.h. in p.m.; 8" - 10" snow cover, most fresh water frozen, salt water open.

Count:

1 <u>Great Blue Heron</u>	42 Common crow
1 Canada Goose	37 Black-capped chickadee
2 Mallard	10 Boreal chickadee
134 Black duck	5 White-breasted nuthatch
1 <u>Green-winged teal</u>	2 Robin
35 Common merganser	1 Golden-crowned kinglet
1 Sharp-shinned hawk	252 Starling
33 Rough-legged hawk	547 House sparrow
1 Bald eagle	1 Red-winged blackbird
1 Sparrow hawk	12 Common grackle
1 Ruffed grouse	3 Brown-headed cowbird
28 Ring-necked pheasant	15 Evening grosbeak
19 Great black-backed gull	20 Pine grosbeak
237 Herring gull	160 Common redpoll
72 Rock dove	41 White-winged crossbill
1 Snowy owl	16 Slate-coloured junco
4 Hairy woodpecker	13 Tree sparrow
6 Downy woodpecker	1 <u>White-throated sparrow</u>
7 Horned lark	1 <u>Fox sparrow</u>
2 Gray jay	2 Lapland longspur
55 Blue jay	40 Snow bunting
111 Common raven	82 Unidentified song birds
	1 Unidentified Hawk species

Total - 43 Species, 2057 Individuals

Observers: Gordon Burns, Paul Dean, Hinrich Harries,
Reid McManus, Ted Pulford, Al Smith (compiler),
Jon VanZoost.

Feeders reporting - Bill Black, Mrs. H. Burke, Gordon
Burns, Mrs. Roger Calkins, John Clark,
Mrs. L. P. Harris, Mrs. D. McPhail,
Mrs. A. J. Smith.

Comments:

1. A greater percentage of time (60%) was spent in wooded areas in 1969, yet few forest birds (both species and numbers) were observed. A general absence of cones may account in part for the lack of birds in forested areas this fall.
2. The number of species reported (43) was the highest for a Sackville count. Previous highs were as follows: 39 (1967), 38 (1968) and 37 (1965). Four species (Great blue heron, Canada goose, Bald eagle and Sparrow hawk) were new to the Sackville count.
3. The Great blue heron was observed by Smith and VanZoost at Fillmores Hole, a small open section of fresh water at the outlet of Jolicure Large Lake. The bird did not appear to be injured as it took flight when approached to approximately 20 yards. As in 1968, a Green-winged teal was observed at Fillmores Hole. The Bald eagle (adult) was observed by Smith and VanZoost flying along the shores of Cumberland Basin below Fort Beausejour. An adult Bald eagle was also observed by Smith on the Amherst count on December 23. The Sparrow hawk was observed on two different occasions (assumed to be the same bird) by Burns at the Sackville Quarry and Cemetery.
4. The lone Canada goose was observed by Smith and Van Zoost in the Tantramar River off the Ram Pasture Salt Marsh. Most of the ducks were observed at the mouth of the Aulac, Tantramar and Missaquash Rivers.
5. As in 1967 Rough-legged hawks were numerous on the marshes, 33 in 1969 and 34 in 1967. The general abundance of meadow mice along with an absence of snow cover through late fall probably accounts for the high number. Only one Snowy owl was observed, (Smith and VanZoost), along the Aulac River near the Sunken Island Bog.

6. Ravens were abundant this year (111). McManus reported 48 in a single flock near Beau Creek.
7. Feeders reported four species not observed in the field; Red-winged black bird (Calkins), Cowbird (Calkins and Black), White-throated sparrow (Burke), Fox sparrow (Burns). Eight of the 12 Grackles were reported at a feeder (Calkins). Pulford observed one Evening grosbeak in the field, the remainder were at feeders (Calkins 10, Black 4).
8. Coverage of the count zone was good and weather conditions were generally favourable throughout the day.

December 24, 1969

A. D. Smith
Wildlife Biologist

CHRISTMAS BIRD COUNT - Sackville, N.B. - 1968

Sackville, N.B.

(45°53' - 64°22')

Area: All points within a 15-mile diameter circle, centre on Trans-Canada Highway at Squire Street Extension, to include Wood Point, Fairfield, Mount View, Midgic, Jolicure, and Aulac.

Habitat: Mixed woods, mostly conifer, 39%; farm and diked marshland, 27%; shore of Cumberland Basin, 14%, Town of Sackville, 20%.

Coverage: 23 December, 1968, 0745-1630 hours; 6 observers in 4-5 parties, plus 7 feeder reports. Total party hours 34½ (23½ on foot, 11 by car). Total party miles 130 (32 on foot, 98 by car).

Conditions: Cloudy; temperature 28-30°F; wind W.0-5 m.p.h.; no snow cover, most fresh water frozen, salt water open.

<u>Count:</u> 64 Black duck	37 Boreal Chickadee
1 Green-winged Teal	3 White-br.Nuthatch
2 Red-breasted Merganser	2 Red-breasted Nuthatch
1 Goshawk	1 Robin
1 Sharp-shinned Hawk	8 Golden Crowned Kinglet
1 Red-tailed Hawk	9 Bohemian Waxwing
4 Rough-legged Hawk	1 Cedar Waxwing
4 Ruffed Grouse	249 Starling
2 Ring-necked Pheasant	489 House Sparrow
42 Great Black-backed Gull	1 Red-winged Blackbird
147 Herring Gull	4 Common Grackle
82 Rock Dove	53 Evening Grosbeak
1 Hairy Woodpecker	2 Purple Finch
10 Downy Woodpecker	104 Pine Grosbeak
2 Black-backed 3-toed Woodpecker	328 Common Redpoll
8 Gray Jay	21 Slate-colored Junco
30 Blue Jay	24 Tree Sparrow
33 Common Raven	<u>41</u> Snowbunting
16 Common Crow	1896 Total individuals
68 Black-capped Chickadee	38 Species

Seen in area in count period, but not on count day:

Pigeon Hawk
Cowbird.

Observers: Paul Dean, Hinrich Harries, Ron Hounsell,
Reid McManus, Al Smith (compiler), Bill Whitman.

Feeders reporting - Bill Black, Jean Burke, Gordon
Burns, Lee Calkins, John Clark,
L.P. Harris, W.B. Stallworthy.

Seen in December but not in count period: Snowy Owl
Song Sparrow.

- Comments:
1. Habitat percentages represent the proportion of time spent in each habitat type. A greater percentage of time was spent in and about the Town of Sackville, than in former years.
 2. Above average fall temperatures along with the general absence of snow probably account for the occurrence of several half-hardy species.
 3. Feeders reported six species not observed in the field: Robin, Common Grackle, Red-winged Blackbird, Purple Finch, Cedar Waxwing, and Hairy Woodpecker, along with 7 of the Downy Woodpeckers.
 4. As in 1965, Pine Grosbeak and Common Redpoll were quite numerous. All but 15 of the Evening Grosbeaks were reported at feeders.
 5. The two Black-backed 3-toed Woodpeckers were observed by McManus in woods near the Trans-Canada Highway.
 6. Bohemian Waxwings have been observed in the Sackville area throughout December. On count day, six were reported by Lee Calkins, and three were observed feeding in an apple tree near the road at Midgic, by Smith.
 7. Nearly all the ducks were reported by Harries and Dean in the tidal portions of the Tantramar and Aulac rivers. The lone Green-winged Teal was observed by Smith at the outlet of Jolicure Large Lake.
 8. Coverage of the Count zone was good; however, not quite as extensive as in 1967.

Sackville, N.B.
January 2, 1969

A. D. Smith
Wildlife Biologist.

CHRISTMAS BIRD COUNT - SACKVILLE, N. B. - 1967

Area: All points within a 15-mile diameter circle, centre on Trans-Canada Highway at Squire Street Extension, to include Wood Point, Fairfield, Mount View, Midgie, Jolicure, and Aulac.

Habitat: Mixed woods, mostly conifer, 41%; farms and dyked grassland, 50%; Shore of Cumberland Basin, 5%; town dump, 1%; town of Sackville, 3%.

Coverage: 27 December, 1967; 0735-1700 hrs.; 8 observers in 6 parties, plus 8 feeder reports. Total party-hours 38 (29½ on foot, 8½ by car). Total party-miles 192 (46 on foot, 146 by car).

Conditions: Clear, wind W. 5-10 mph.; 4-8 inches partly crusted snow; most fresh water frozen, salt water open.

Count:

17 Black Duck	3 White-br. Nuthatch
1 Green-w. Teal (crippled)	1 Red-br. Nuthatch
8 Common Merganser	2 Robin
1 Red-tailed Hawk	1 Golden-cr. Kinglet
34 Rough-legged Hawk	1 Northern Shrike
1 Ruffed Grouse	315 Starling
10 Pheasant	602 House Sparrow
47 Great Black-b. Gull	3 Grackle
161 Herring Gull	2 Cowbird
85 Rock Dove	11 Evening Grosbeak
4 Snowy Owl	3 Purple Finch
3 Hairy Woodpecker	2 Pine Grosbeak
6 Downy Woodpecker	6 Junco
14 Horned Lark	4 Tree Sparrow
3 Canada Jay	3 White-thr. Sparrow
43 Blue Jay	1 Fox Sparrow
101 Raven	1 Song Sparrow
23 Crow	1 Lapland Longspur
88 Black-capped Chickadee	344 Snow Bunting
62 Boreal Chickadee	
	<hr/>
	2,018 Total
	3950

Seen in area in count period but not on count day: Sharp-shinned Hawk
Mockingbird
Red-wing Blackbird

Observers: Tony Erskine (compiler), Janet Erskine,
Hinrich Harries, Ron Hounsell, Reid McManus,
Al. Smith, W.B. Stallworthy, Wm. Whitman.

Feeders reporting: Bill Black, Jean Burke, Gordon Burns, Lee Calkins,
John Clark, Mr. & Mrs. Don McPhail, Dr. & Mrs.
W. F. Munro, Ted Pulford.

Seen in December but not in count period: Brown Creeper.

Comments on Sackville Count, 1967

1. Habitat percentages, as in 1966, represent the proportion of time spent in each habitat, rather than the proportion present within the count area.
2. Mean temperatures this fall at Moncton airport (20 miles northwest) have been generally above normal, although much less so than in 1966. This, coupled with the general scarcity of snow until 23 December, may have been partly responsible for the abundance of "half-hardy" species reported at feeders in 1967. Feeders reported seven species, White-breasted Nuthatch, Cowbird, Evening Grosbeak, Purple Finch, White-throated, Fox, and Song Sparrows, not found elsewhere, as well as all the woodpeckers except two.
3. The abundance of voles (meadow mice) on the open fields was in part responsible for the number of Rough-legged Hawks seen, nearly three times the highest previous count. The abundance of Ravens may also be correlated with the high density of voles. Conversely, the scarcity of spruce cones is well correlated with the virtual absence of the winter finches (grosbeaks, crossbills).
4. Blue Jays were again numerous in 1967, after being virtually absent in the winter of 1966-67, abundant in 1965-66, and almost absent in 1964-65. Their fluctuations in abundance have not been correlated with other factors as yet. Golden-crowned Kinglets were very scarce in 1967, whereas both chickadee species were common, again for no apparent reason.
5. The number of species reported was the highest ever, exceeding by one the count in 1965 (when winter finches were numerous). The variety of stragglers at feeders was largely responsible for this. The number of individuals seen was second to that in 1966, when very large flocks of Snow Buntings swelled the total.
6. Coverage was probably better than ever before. Although the number of parties and feeders reporting has been relatively uniform, except in 1960, 1963, and 1964, weather was very poor in 1961 and 1962, and few experienced observers were available in those years. The area has not changed appreciably as a wintering area for birds since the present series of counts was begun in 1960, although improvement of roads and of snow-plough service has made travel around the area much easier. Increased familiarity with localities favoured by birds also permits improved coverage. We still need to improve coverage of the wooded western part of the count area.

Sackville, N.B.
January 2, 1968

A. J. Erskine

CHRISTMAS BIRD COUNT - SACKVILLE, N.B. - 1966

Area: All points within a 15-mile diameter circle, centre on Trans-Canada Highway at Squire Street Extension, to include Wood Point, Fairfield, Mount View, Midgie, Jolicure, and Aulac.

Habitat: Mixed woods, mostly conifer, 37%; farms and dyked grassland, 53%; shore of Cumberland Basin, 3%; town dump, 1%; town of Sackville, 6%.

Coverage: 27 December, 1966; 0740-1630 hours; 6 observers in 4 parties, plus 3 feeder reports. Total party-hours 26 1/2 (12 3/4 on foot, 13 3/4 by car). Total party-miles 145 (24 on foot, 121 by car).

Conditions: Overcast, snow showers in a.m., wind NW 10-15 m.p.h. 2-4 inches fresh snow over 6-8 in. hard crusted snow; most fresh water frozen, most salt water open.

<u>COUNT:</u>	40 Black Duck	12 Black-cap. Chickadee
	50 Duck (sp.?)	12 Boreal Chickadee
	1 Goshawk	4 Golden-crowned Kinglet
	1 Red-tailed Hawk	375 Starling
	5 Rough-legged Hawk	314 House Sparrow
	2 Ruffed Grouse	25 Evening Grosbeak
	15 Pheasant	12 & ?? Pine Grosbeak
	22 Gt. Black-backed Gull	30 Goldfinch
	107 Herring Gull	10 Red Crossbill
	69 Rock Dove	4 Crossbill (sp.?)
	7 Horned Lark	11 Junco
	11 Canada Jay	19 Tree Sparrow
	4 Blue Jay	1 Lapland Longspur
	57 Raven	874 Snow Bunting
	33 Crow	<u>2,134</u> Total

Seen in area in count period but not on count day: Sharp-shinned Hawk
Ring-billed Gull
Red-breasted Nuthatch

Observers: Tony Erskine (compiler), Janet Erskine, Richard Fyfe, Hinrich Harries, Reid McManus, Al Smith.

Feeders reporting: Frank Crossman, George Johnstone, Ted Pulford.

Comments on Sackville Count - 1966

1. Habitat percentages in this report show the proportions of time spent in each habitat. Those in previous reports showed the proportions present in the area, as estimated from topographic maps. The proportion of time spent in each habitat has been fairly constant from year to year. Time on foot is largely in woods, while time in cars is mostly in more open country.
2. There has been no prolonged spell of cold weather so far this winter. However, there was no more open water in 1966 than in most recent years.

Species present in greater than normal numbers included Common Crow, American Goldfinch, Tree Sparrow, and Snow Bunting. The increased numbers of the first three of these may perhaps be attributable to the mild weather.

3. Blue Jays and Evening Grosbeaks have been much less common than usual this winter, although Blue Jays were comparably scarce in 1964. Poor weather probably reduced numbers of small birds seen on the 1966 count.

Sackville, N. B.
January 3, 1967

A. J. Erskine
Wildlife Biologist

CHRISTMAS BIRD COUNT - SACKVILLE, N.B. - 1965

Area: All points within a 15-mile diameter circle, centre on Trans-Canada Highway at Squire Street Extension, to include Wood Point, Fairfield, Aboushagan Road, Midgie, Jolicure, Aulac. Habitat largely second-growth conifer forest, farms, and open dyked grassland.

Coverage: 28 December 1965; 7:35 a.m. to 4:20 p.m.; 8 observers in 4 parties, plus 10 feeder reports. Total party hours 23 3/4 (13 1/2 on foot, 10 1/2 by car). Total party-miles 138 (22 on foot, 116 by car).

Conditions: Thin overcast; -2° to +14°; wind 0 - 2 mph; ground covered with 8 inches of snow.

COUNT:	1 Mallard	69 Black-capped Chickadee
	33 Black Duck	29 Boreal Chickadee
	2 Common Merganser	2 White-breasted Nuthatch
	1 Goshawk	2 Red-breasted Nuthatch
	2 Rough-legged Hawk	38 Golden-crowned Kinglet
	1 Grouse (sp.?)	277 Starling
	10 Ring-necked Pheasant	430 House Sparrow
	1 Iceland Gull	2 Rusty Blackbird
	21 Great Black-backed Gull	1 Common Grackle
	145 Herring Gull	3 Brown-headed Cowbird
	106 Rock Dove	161 Pine Grosbeak
	1 Snowy Owl	231 Common Redpoll
	1 Pileated Woodpecker	2 White-winged Crossbill
	3 Hairy Woodpecker	35 Slate-coloured Junco
	2 Downy Woodpecker	15 Tree Sparrow
	5 Gray Jay	1 White-throated Sparrow
	57 Blue Jay	1 Fox Sparrow
	29 Common Raven	2 Lapland Longspur
	19 Common Crow	75 Snow Bunting

37 species

Remarks: Additional species seen in area during count period but not on count day were Sharp-shinned Hawk, Red-tailed Hawk, Robin, and Evening Grosbeak.

All the ducks were on Morice Brook below Middle Sackville, the only open fresh water in the area (Harries and Smith).

The calm on count day apparently restricted activity by hawks, as a second Goshawk, two Sharp-shinned Hawks, a Red-tailed Hawk and probably four or five Rough-legged Hawks had been seen in the area during December.

The Iceland Gull, at the town dump, is the first seen there in the past six winters (A.J. Erskine).

Some duplication almost certainly occurred between reports from different feeding stations and between feeding stations and field parties. Birds eliminated as probable duplicates included 24 Blue Jays, 20 Black-capped Chickadees, 3 White-breasted Nuthatches, 76 Starlings, 30 House Sparrows, 1 Rusty Blackbird, 1 Cowbird, and 50 Pine Grosbeaks.

An immature Rusty Blackbird was independently identified at both the Calkins and Clark Feeders, and an adult male was at a farm near Pt.-de-Bute (Harries and Smith). These are the first winter records of the species in or near Sackville.

Pine Grosbeaks appear more numerous than in any recent winter. The vast majority are in female-like plumage (which probably includes first-year males), and adult males make up not more than 10 per cent of the total.

The Fox Sparrow has attended the Calkins' feeder since early November and the White-throated Sparrow was at the Black's feeder.

Observers: In Field - A.J. Erskine (compiler), Janet Erskine, H. Harries, E. Fyfe, Lorraine Fyfe, G. Johnstone, A. Smith, G. Watson.

Feeders reporting - Mr. & Mrs. W. Black, G. Burns, Mr. & Mrs. R. Calkins, Mr. & Mrs. J. Clark, Dr. & Mrs. W. S. Godfrey, Mrs. L. Harris, Dr. & Mrs. W. F. Munro, Mr. and Mrs. E. Pulford, Mr. & Mrs. L. Smith, Dr. & Mrs. W. B. Stallworthy.

Seen in December but not in count period: Song Sparrow - 17 December.

Five-Year Summary of Christmas Bird Counts, Sackville, N.B.

Area centred on T-C Hwy at Squire St. Extn., including Wood Pt., Fairfield, Aboushagan Rd., Midgie, Jolicure, Aulac (not N.S. part of 15-mile diameter circle). Habitat largely 2nd-growth conifer forest, farms, and dyked grassland.

Conditions, dates participation, etc.	1960	1961	1962	1963	1964
	24/12	26/12	20/12	22/12	30/12
	obs. 3 in 3	11 in 4-5	9 in 4	3 in 2	5 in 3
	2 f.	2 f	9 f	1 f	7 f
	hr. 10f, 6c	16f, 7c	12f, 10c	3f, 11c	14f, 51c
	mi. 27f, 67c	33f, 104c	24f, 122c	6f, 28c	24f, 55c
	snow 1", new	12", crust	10"	6-15" drift	3-6", wet
	temp. 11-22°	20-24°	25-5°	10-20°	31-34°
	wind 5-10	15-20	25, 845	5-15	0-5

Birds seen

Mallard	-	-	-	-	2
Black Duck	-	-	-	-	31
Common Merganser	-	-	-	-	3
Mxx Merganser (sp.?)	-	5	-	-	-
duck (sp.?)	-	-	4	-	-
Goshawk	-	1	-	-	-
Sharp-shinned Hawk	-	-	-	-	c.p.
Rough-legged Hawk	3	2	3	12	5
Pigeon Hawk	c.p.	-	-	-	-
hawk (sp.?)	-	-	2x	-	-
Ruffed Grouse	1	-	-	-	-
Pheasant	2	13	2	-	7
Gt. Black-backed Gull	9	76	12	8	57
Herring Gull	105	257	136	100	159
Rock Dove	22	20	21	5	36
Snowy Owl	-	-	-	-	2
Pileated Woodpecker	-	-	-	-	1
Hairy Woodpecker	-	1	-	-	-
Downy Woodpecker	-	-	2	-	1
Horned Lark	1	-	-	-	-
Canada Jay	-	1	c.p.	1	6
Blue Jay	1	6	16	10	1
Raven	18	18	11	12	24
Crow	10	3	20	10	5
Black-cap Chickadee	4	9	11	4	9
Boreal Chickadee	37	9	5	-	14
White-br. Nuthatch	-	c.p.	-	1	-
Red-br. Nuthatch	1	c.p.	-	-	1
Brown Creeper	-	-	-	-	1
Robin	-	c.p.	c.p.	1	1
Golden-cr. Kinglet	10	1	3	-	22
Bohemian Waxwing	-	-	-	2	-
Northern Shrike	-	1	-	-	-
Starling	115	229	346	110	170
House Sparrow	168	270	504	95	259
Baltimore Oriole	-	-	1	-	-
Grackle	1	-	c.p.	-	c.p.
Cowbird	-	5	-	-	1
Evening Grosbeak	4	6	12	-	4
Purple Finch	-	-	-	-	73
Pine Grosbeak	-	69	-	-	2
Redpoll	-	24	-	-	21
Pine Siskin	-	-	-	-	13
Red Crossbill	-	-	-	-	4

	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>
White-winged Crossbill -	-	-	-	-	29
crossbill (sp.?)	-	-	-	-	54
Junco	e.p.	98	8	-	12
Tree Sparrow	e.p.	-	-	-	6
Swamp Sparrow	-	-	c.p.	1	1
Song Sparrow	-	-	c.p.	1	2
Lapland Longspur	-	1	-	3	-
Snow Bunting	60	153	153	-	125
Fringillid (sp.?)	3	5	6	-	4
Total species	19	24	21	17	36
	(&2 in count period)	(&3 in count period)	(&5 in c.p.)		(&2 in c.p.)

CHRISTMAS BIRD COUNT - SACKVILLE, N.B., 1963.

Area: all points within 15-mile diameter circle, centre on Trans-Canada Highway at Squire St. Ext'n, to include Aulse, Jolicure, Midgie, Fairfield, Wood Point; areas in Nova Scotia within circle not covered.

Dec. 22, 1963. 8:45am to 10:15am, 1:40pm to 4:10pm, and a few minutes between those periods. Clear, temp. 10° to 20°, wind W 5-15mph; 6-15" snow on ground, drifted in places, all water except sea frozen.

Four observers in 2 parties and one feeder. Total party-hours 5(3½ on foot, 1½ by car); total party-miles 34(6 on foot, 28 by car).

Rough-legged Hawk 12; Great Black-backed Gull 8; Herring Gull 100;
Rock Dove 5; Gray Jay 1; Blue Jay 10; Raven 12; Crow 10;
Black-capped Chickadee 4; White-breasted Nuthatch 1; Robin 1;
Bohemian Waxwing 2; Starling 110; House Sparrow 95;
Swamp Sparrow 1; Song Sparrow 1; Lapland Longspur 3.

Total species identified 17; total individuals 376.

Observers: A.J. Erskine (compiler), H. Harries, Mr. & Mrs. D. McPhail.

Remarks: 1) December 1963 was unusually cold, with minimum temperatures below 10° on seven successive nights immediately before this count. A severe blizzard Dec. 19-20 blocked most roads, and many secondary roads were still blocked on this count day.

2) The estimate of Rough-legged Hawks is probably minimal. Six was the most in sight at one time. The birds were counted from parallel roads crossing the marsh about three miles apart, and most birds were sitting on barns when observed.

3) The White-breasted Nuthatch was seen on Weldon Street, where one of that species has been seen intermittently since October 17.

4) The waxwings were reported on count day by Mrs. McPhail, as Cedar Waxwings. She is a careful observer, but has no experience with the other species, and probably never looked for the distinguishing marks. They were found in the same place by Harries Dec. 25, and by Erskine Dec. 26, and were positively identified as Bohemians, on the basis of size (markedly larger than House Sparrows), colour (much greyer below than Cedar Waxwings, more nearly the colour of House Sparrow underparts), white in wings, and reddish-brown under-tail-coverts.

5) The Robin was at Dr. MacFarlane's captive waterfowl area.

6) The Swamp Sparrow and Song Sparrow were in a cattail marsh. Two of the latter species were identified, and one of the former suspected, on Dec. 12.

(over)

Other species noted in the Sackville area during December are:

- Sharp-shinned Hawk - one around Bill Black's feeder in Middle Sackville early in the month.
- Marsh Hawk - two east of Upper Sackville Dec.1(Erskine); one east of Sackville Dec.7(McPhail).
- Hairy Woodpecker - one in Sackville Dec.9(Erskine), and a few days later in same block (McPhails).
- Grackle - four in Sackville Dec.10(Erskine), and two about same time several blocks away (McPhails).
- Evening Grosbeak - seven in Sackville Dec.2(Erskine); very scarce in Sackville so far this winter.
- Tree Sparrow - one at McPhail's feeder Dec.20, after blizzard.

Sackville, N.B.,
January 1, 1964.

A.J. Erskine

Christmas Bird Count - New Brunswick - 1962

Area (within 15 mi. diameter circle): Sackville, N.B. (including Wood Point, Fairfield, Midgie, Jolicure, Aulac).

Date: Dec. 20; Start: 7:35 am; End: 4:20 PM; Weather: Clearing, windy.

Temp.: 25°-5°; Wind: NW 25, gusts to 45; Ground: 10" snow, fresh water frozen

Eighteen observers, 9 in 4 parties, 9 at feeders. Total Party-hours: 22

(12 on foot, 10 by car); total party-miles 146 (24 on foot, 122 by car).

No. species: 21 (3 not positively identified); No. birds: 1278.

Duck (sp.?)	4	Starling	346
Hawk (Sp.?)	2	House Sparrow	504
Rough-legged Hawk	3	Baltimore Oriole	1
Ring-necked Pheasant	2	Evening Grosbeak	12
Great Black-backed Gull	12	Slate-coloured Junco	8
Herring Gull	136	Snow Bunting	153
Rock Dove	21	Fringillids(sp.?) (footnote) 6	
Downy Woodpecker	2		
Blue Jay	16	Seen in area during count	
Raven	11	period, but not on count day:	
Crow	20		
Black-capped Chickadee	11	Gray Jay	
Boreal Chickadee	5	Robin	
Golden-crowned Kinglet	3	Common Grackle	
		Swamp Sparrow	
		Song Sparrow	

Footnotes

- 1) One of the unidentified hawks might have been a Rough-legged Hawk, but the other was a much smaller species, probably a Sharp-shinned Hawk.
- 2) 5 of the unidentified Fringillids were certainly finches, probably either Redpolls or White-winged Crossbills (definitely not any of the Fringillid species identified).
- 3) The Baltimore Oriole was seen daily at Bill Black's feeder from mid-November until Dec. 26; it was apparently either an adult female or an immature male, as the throat was bright orange with no trace of black. It fed chiefly on corn-cobs. Orioles are rare here at any season.
- 4) The Swamp Sparrow flew into St. Paul's (Anglican) Church hall on the morning of Dec. 23, following a blizzard the previous night. It was caught and fed, but died that afternoon; it was extremely thin, and would probably have died very shortly. The Robin, Grackle, and Song Sparrow are species that regularly attempt to winter here, though few survive the whole winter.

Observers: Mrs. Lloyd Black, Mr. & Mrs. William Black, Mr. & Mrs. John Clark, L. Carbyn, Dr. E. J. Dimelow, Dr. & Mrs. A. J. Erskine (compiler) Albert Flemming, John Kelsall, Miss Jane Matheson, Mr. & Mrs. Donald McPhail, Rev. W. F. Munro, W. Prescott, A. E. Pulford, A. Rebeck, Ralph Sharpe, Dr. W. B. Stallworthy, Lindsay Smith.