

CHRISTMAS BIRD COUNT

Cape Tormentine, N. B. - 1966 -

Summary 1961-65 incl.

131.14
CMS-AR

DATA FILE

Cape Tormentine, New Brunswick - Summary of Christmas Bird Counts (coverage and conditions)

Year	Day covered	Field observers	foot	Miles car(ski-doo)	foot	Hours car	Snow cover	Temp. °F.	Wind(mph)	Ice Conditions
1961	Dec. 22	4 in 1-3 parties	17	114	13	7	3" new	20-30	5-15	
1962	Dec. 22	5 in 2-3 parties	16	106	9	8	4-8"	5-10	2-10	
1963	Dec. 23	5 in 1-4 parties	18	121	13	8	0-3' drifts	11-20	0-10	
1964	Dec. 22	5 in 2-5 parties	19	92	15	11	3"-3' drifts	11-20	0-10	
1965	Dec. 22	2 in 1-2 parties	9	64	7	5½	2-4"	12-20	5-10	
1966	Dec. 28	2	13	50	8½	4½	2-4"over6-8"	-	0-10	fw frozen;sw open
1967	Dec. 21	4 in 2-3 parties	23½	100	17¼	7 3/4	patches	22-25	10-15	fw frozen;sw open
1968	Dec. 22	4 in 2 parties	13	92	10½	6½	bare	25-28	0-8	fw frozen;sw open
1969	Dec. 22	3 in 2-3 parties	9	92	6	7	2-6"	25-35	10-15	fw frozen;sw open
1970	Dec. 23	4 in 2 parties	6½	102	6	7	30-35"	4-15	10 NW	fw frozen;sw frozen
1971	Dec. 20	7 in 3-6 parties	22½	140	13	11 3/4	2-6"	-10	light	fw frozen;sw frozen
1972	Dec. 20	9 in 4-6 parties	22	144½(1)	15 3/4	15 (½)	2-3"fr.5-6crust	15-20	NE5-10 - NW light	fw frozen;sw frozen
1973	Dec. 16	11 in 5-10 parties	54	99	44	9	bare	35	NW 0-5 - light	fw pt froz;sw open
1974	Dec. 14	12 in 6-11 parties	43	142	35	15	bare	25-30	N 8-10 - 5-8	fw pt froz;sw open
1975	Dec. 20	16 in 6-11 parties	39	199	30½	26½	2-4" crust.	-13--2	NW 8-10 - /5	fw frozen;sw frozen
1976	Dec. 19	8 in 3-6 parties	15½	121	15½	14½	8-10" new	14-23	NW 5-10 - /5	fw frozen;sw frozen
1977	Dec. 17	13 in 5-10 parties	30.4	213.9	22.9	30,3	6-15" fr.crust.	26-32	NW 10-15 - 15-20	fw frozen;sw open
1978	Dec. 16	12 in 6-10 parties	59.5	238.4	43.6	22.2	½"new 3"crust	28-44	0-W light by noon	fw frozen;sw open
1979	Dec. 15	16 in 6-10 parties	59	248	42	20½	1-6" fr.powdery	19-23	NW 5-10 0-5p.m.	fw frozen;sw open
1980	Dec. 20	13 in 5-8 parties	29.7	127.3	27¼	24½	10-12"powdery	-4-+7	NW 5-10, gusting	fw frozen;sw ice clogged

CAPE TORMENTINE, New Brunswick - Christmas Bird Count - Summary

Species	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Common Loon	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	1	-	3	-		
Red-throated Loon	-	-	-	-	-	-	1	-	-	-	-	-	1	1	-	-	-	-	1	-		
Red-necked Grebe	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	2	-		
Horned Grebe	-	-	-	-	-	-	-	-	-	-	-	-	-	c.p.	-	-	-	-	-	1		
Gannet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-		
Great Cormorant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1		
Double-c. Cormorant	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-		
Canada Goose	-	-	-	-	-	-	-	-	-	-	1	1	279	194	222	3	1	7	75	-		
Mallard	-	-	-	-	-	-	-	-	-	-	-	-	-	c.p.	1	-	-	-	6	1		
Black Duck	12	-	-	-	-	-	39	17	-	-	17	-	269	205	127	-	13	12	114	9		
Pintail	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-		
Greater Scaup	-	-	-	-	-	-	-	-	-	-	-	-	11	18	-	-	-	-	-	-		
Common Goldeneye	5	-	2	3	1	-	3	335	14	21	7	50	85	337	25	2	107	47	95	22		
Bufflehead	3	-	-	-	-	-	-	-	1	-	-	-	21	-	c.p.	-	-	1	3	-		
Oldsquaw	54	82	91	216	20	31	130	142	60	111	335	309	512	429	450	81	420	732	204	189		
Common Eider	15	1	1	3	9	37	22	-	4	-	3	13	50	30	156	10	12	18	109	5		
White-w. Scoter	-	1	-	-	-	-	-	13	-	-	35	-	22	251	-	-	5	-	8	-		
Surf Scoter	-	-	-	-	-	-	-	-	-	-	-	-	-	11	7	-	-	-	8	1		
Black Scoter	-	-	-	-	-	-	-	-	6	-	-	-	39	100	4	-	1	-	84	-		
Hooded Merganser	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-		
Common Merganser	1	-	-	-	-	4	-	-	-	-	1	14	-	54	48	2	3	11	6	43		
Red-b. Merganser	1	3	73	1	-	16	5	1	5	17	45	-	134	90	42	2	23	206	135	36		
<i>duck sp.</i>																			91	243		

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Species	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Goshawk	-	-	-	-	-	-	-	-	-	1	1	1	3	1	1	-	-	1	1	2		
Sharp-shinned Hawk	-	-	-	-	-	1	1	-	-	2	-	-	3	-	-	-	1	-	1	-		
Red-tailed Hawk	-	-	-	-	-	-	-	-	-	-	3	1	-	c.p.	-	-	-	-	-	-	3	
Rough-legged Hawk	-	-	-	-	-	1	4	3	1	1	27	1	9	1	3	1	1	1	1	1	4	
Marsh Hawk	-	-	-	-	-	-	1	-	-	-	-	1	1	-	-	-	-	-	-	-		
Merlin	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Spruce Grouse	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Ruffed Grouse	-	1	-	6	2	2	1	3	-	2	3	-	4	7	7	-	10	4	5	-		
Ring-necked Pheasant	-	-	1	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	2	-		
Purple Sandpiper	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Glaucous Gull	23	14	-	-	-	-	6	10	12	2	4	2	-	-	2	-	-	2	5	-		
Iceland Gull	104	146	150	53	110	199	113	105	151	120	136	42	52	38	110	25	24	73	113	121		
Gt. Black-b. Gull	85	20	40	24	63	69	55	63	53	13	41	28	116	49	196	14	284	63	502	278		
Herring Gull	194	68	150	52	218	142	154	278	135	37	30	35	273	233	680	18	407	107	5552	239		
Ring-billed Gull	2	-	-	-	-	21	4	3	62	2	1	1	60	51	10	1	4	14	247	5		
Black-headed Gull	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	1	-		
Bonaparte's Gull	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-		
Ivory Gull	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-		
Black-legged Kittiwake	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-		
<i>gull sp</i>																			2000+	30		
Rock Dove	15	4	3	13	3	15	68	12	2	1	36	4	28	6	46	79	32	99	121	136		
Mourning Dove	-	-	-	-	-	9	-	-	-	-	-	-	4	3	-	-	-	-	22	2		

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Species	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Snowy Owl	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	-	-	-	-	-	-
Hawk Owl	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Barred Owl	-	-	1	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-
Short-eared Owl	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Belted Kingfisher	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Common Flicker	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	1
Pileated Woodpecker	-	1	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
Hairy Woodpecker	-	1	2	-	-	-	2	1	-	1	3	2	2	2	2	-	1	11	2	8	-	-
Downy Woodpecker	2	-	-	-	-	1	-	2	-	2	1	4	4	11	10	5	3	7	3	6	-	-
Bl-b. 3-toed Woodpecker	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1	-	1	-	-
Northern 3-toed Woodpecker	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Horned Lark	-	2	-	-	-	3	-	-	-	-	1	-	1	1	25	20	1	2	4	2	-	-
Grey Jay	-	-	3	-	1	2	1	5	-	3	10	-	17	5	8	1	-	14	2	2	-	-
Blue Jay	22	19	31	2	17	10	22	23	30	13	20	44	51	95	85	48	60	52	117	92	-	-
Common Raven	90	64	115	57	23	23	48	28	15	33	71	29	75	34	56	27	59	100	122	100	-	-
Common Crow	7	4	12	12	2	32	32	26	23	116	11	147	82	70	46	98	36	81	121	56	-	-
Black-capped Chickadee	30	2	44	8	17	17	22	60	19	30	75	41	87	172	156	32	47	103	115	122	-	-
Boreal Chickadee	9	7	9	7	2	8	26	26	6	-	15	10	42	44	74	27	11	34	40	48	-	-
Red-breasted Nuthatch	-	-	-	-	-	1	-	-	-	1	-	-	2	27	-	1	-	-	-	3	-	-
Brown Creeper	-	-	1	-	-	-	-	1	-	3	-	-	-	-	-	-	-	6	2	1	-	-
Catbird	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Long-billed Marsh Wren	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
American Robin	1	-	-	-	-	1	4	4	1	-	1	1	-	-	-	11	-	7	4	4	-	-
Golden-cr. Kinglet	1	8	8	41	17	23	5	10	-	5	6	3	23	66	1	-	23	24	32	26	-	-
Ruby-cr. Kinglet	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-
Bohemian Waxwing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-

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Species	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Northern Shrike	-	-	-	-	-	-	1	1	2	-	3	1	3	1	4	3	3	8	-	1		
Loggerhead Shrike	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-
Starling	49	35	92	58	40	152	62	1	4	25	25	52	11	52	58	48	163	124	358	150		
Yellow-rumped Warbler	1	-	-	1	-	4	1	c.p.	-	1	1	2	6	21	21	44	-	11	179	15		
Palm Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Common Yellowthroat	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-
House Sparrow	172	137	165	100	112	79	241	177	136	42	183	132	408	325	91	144	187	171	266	279		
Eastern Meadowlark	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red-winged Blackbird	-	-	-	-	-	-	-	-	-	-	-	3	-	-	1	4	-	-	-	-	3	
Rusty Blackbird	-	-	-	-	-	-	-	-	-	-	4	-	-	1	-	3	-	-	-	-	-	-
Common Grackle	-	-	-	-	-	1	-	-	-	-	-	-	-	3	-	2	-	-	-	-	-	-
Brown-headed Cowbird	-	-	21	-	-	3	1	-	-	-	-	1	123	240	-	5	1	-	5	5		
Dickcissel	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Evening Grosbeak	2	-	1	-	-	-	3	23	14	1	-	3	31	3	8	3	-	19	5	2		
Purple Finch	-	-	-	57	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
Pine Grosbeak	33	-	-	4	-	-	16	93	38	3	14	29	-	-	142	13	21	54	-	76		
Common Redpoll	138	2	4	41	15	8	-	142	132	1	129	20	66	-	223	35	89	40	15	178		
Pine Siskin	-	-	-	-	-	-	-	22	-	-	-	-	8	-	-	-	-	-	-	-	37	
American Goldfinch	-	-	-	1	-	12	-	5	-	-	-	1	14	15	1	-	-	2	-	-	-	-
White-w. Crossbill	-	-	12	36	4	2	-	32	28	-	-	-	-	-	-	-	-	-	-	-	-	-
Rufous-sided Towhee	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Savannah Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
<i>finch sp.</i>																				28	9	
Dark-eyed Junco	19	36	19	9	-	22	1	18	4	-	13	48	8	16	24	36	-	18	30	22		
Tree Sparrow	4	8	5	1	1	25	1	1	13	2	6	3	-	23	16	132	9	15	47	33		
Field Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	
White-crowned Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-
White-throated Sparrow	-	-	-	-	-	1	-	-	-	-	-	1	-	2	2	37	-	-	-	-	2	

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Species	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Swamp Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Song Sparrow	-	1	1	-	-	1	-	-	2	-	-	2	8	1	-	21	1	1	5	6	-	-
Lapland Longspur	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Snow Bunting	-	200	-	41	-	-	-	1	151	12	58	108	616	450	448	527	262	146	296	263	-	-
<i>sparrow sp.</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-
Unidentified Waterfowl	-	-	-	-	6	-	5	1	200+	-	79	42	150	45	309	5	-	-	-	-	-	-
Unidentified other	12	7	12	4	-	60	28	1	6	15	20	50	171	6	3	25	6	2	-	-	-	-
Total Species	30	27	30	29	20	41	34	36	32	32	41	43	55	54	48	44	37	47	52	51	-	-
Total Individuals	1106	875	1071	852	683	1048	1217	1688	1332	639	1477	1286	4007	3854	3959	1602	2333	2457	11321	2938	-	-

Cape Tormentine, New Brunswick - Summary of Christmas Bird Counts (coverage and conditions)

Year	Day covered	Field observers	foot	Miles car(ski-doo)	foot	Hours car	Snow cover	Temp. ^o F.	Wind(mph)	Ice Conditions
1961	Dec. 22	4 in 1-3 parties	17	114	13	7	3" new	20-30	5-15	
1962	Dec. 22	5 in 2-3 parties	16	106	9	8	4-8"	5-10	2-10	
1963	Dec. 23	5 in 1-4 parties	18	121	13	8	0-3' drifts	11-20	0-10	
1964	Dec. 22	5 in 2-5 parties	19	92	15	11	3"-3' drifts	11-20	0-10	
1965	Dec. 22	2 in 1-2 parties	9	64	7	5¼	2-4"	12-20	5-10	
1966	Dec. 28	2	13	50	8½	4½	2-4"over6-8"	-	0-10	fw frozen;sw open
1967	Dec. 21	4 in 2-3 parties	23½	100	17¼	7 3/4	patches	22-25	10-15	fw frozen;sw open
1968	Dec. 22	4 in 2 parties	13	92	10½	6½	bare	25-28	0-8	fw frozen;sw open
1969	Dec. 22	3 in 2-3 parties	9	92	6	7	2-6"	25-35	10-15	fw frozen;sw open
1970	Dec. 23	4 in 2 parties	6½	102	6	7	30-35"	4-15	10 NW	fw frozen;sw frozen
1971	Dec. 20	7 in 3-6 parties	22½	140	13	11 3/4	2-6"	-10	light	fw frozen;sw frozen
1972	Dec. 20	9 in 4-6 parties	22	144½(1)	15 3/4	15 (½)	2-3"fr.5-6crust	15-20	NE5-10 - NW light	fw frozen;sw frozen
1973	Dec. 16	11 in 5-10 parties	54	99	44	9	bare	35	NW 0-5 - light	fw pt froz;sw open
1974	Dec. 14	12 in 6-11 parties	43	142	35	15	bare	25-30	N 8-10 - 5-8	fw pt froz;sw open
1975	Dec. 20	16 in 6-11 parties	39	199	30½	26½	2-4" crust.	-13--2	NW 8-10 - /5	fw frozen;sw frozen
1976	Dec. 19	8 in 3-6 parties	15½	121	15½	14½	8-10" new	14-23	NW 5-10 - /5	fw frozen;sw frozen
1977	Dec. 17	13 in 5-10 parties	30.4	213.9	22.9	30,3	6-15" fr.crust.	26-32	NW 10-15 - 15-20	fw frozen;sw open
1978	Dec. 16	12 in 6-10 parties	59.5	238.4	43.6	22.2	½"new 3"crust	28-44	0-W light by noon	fw frozen;sw open
1979	Dec. 15	16 in 6-10 parties	59	248	42	20½	1-6" fr.powdery	19-23	NW 5-10 0-5p.m.	fw frozen;sw open
1980	Dec. 20	13 in 5-8 parties	29.7	127.3	27¼	24½	10-12"powdery	-4-+7	NW 5-10, gusting	fw frozen;sw ice clogged
1981	Dec. 20	14 in 5-11 parties	43	201.5	35	21 3/4	4" powdery	21-25	W 3-6	fw frozen;sw open
1982	Dec. 18	11 in 5-10 parties	37.4	189	36¼	19 3/4	½" fr.snow	18-28	NE 12-15,gusting	fw frozen, sw open

CAPE TORMENTINE, N.B. - Christmas Bird Count Summary

Species	# times reported 1961-80	Maximum number reported	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
Brown-h. Cowbird	10	240	35	1								
Dickcissel	1	1	-	-								
Evening Grosbeak	14	31	3	5								
Purple Finch	2	57	-	-								
Pine Grosbeak	13	142	13	-								
Common Redpoll	18	223	742	6								
Pine Siskin	3	37	-	-								
Am. Goldfinch	9	15	-	-								
White-w. Crossbill	6	36	2	-								
Rufous-s. Towhee	1	1	-	-								
Savannah Sparrow	1	1	-	-								
Dark-e. Junco	17	48	22	-								
Tree Sparrow	19	132	34	8								
Field Sparrow	2	1	-	-								
White-cr. Sparrow	2	2	-	-								
White-th. Sparrow	6	37	-	-								
Swamp Sparrow	1	2	-	-								
Song Sparrow	12	21	3	3								
Lapland Longspur	1	1	2	-								
Snow Bunting	15	616	502	265								
Sparrow sp.												
Unident. Waterfowl			14									
Unident. Other			48	21								

Max. # Species 54 in 1974.

Max. # Individ. 11,321 in 1979.

Total Species	48	42
Total Individ.	5018	3324

CHRISTMAS BIRD COUNT

CAPE TORMENTINE, NEW BRUNSWICK

1985

Area: Cape Tormentine, New Brunswick ($46^{\circ}07'$ - $63^{\circ}55'$), all points within a 15 mile diameter circle centered 0.6 miles north of intersection of Trans-Canada Highway, 1.1 miles east of Melrose Post Office, to include Cape Tormentine, Cadman Corner, and Timber River. Elevation 0-150'. Established 1961.

Coverage: December 18, 1985; 0745 - 1615 hours; 12 observers in 5-10 parties. Total party hours 52 $\frac{3}{4}$, 30 $\frac{1}{2}$ hours on foot, 22 $\frac{1}{4}$ hours by car. Total party miles 256 (428 km); 31 miles (52 km) on foot, 225 miles (376 km) by car. Habitat coverage: second growth mixed woods 42%, farms and open fields 40%, seacoast 12%, marshland 4%, towns and villages 2%.

Conditions: Cloudy, intermittent light snow from 1000 - 1230 hours, continuous snow until 1500 hours, then clearing, temperature -12°C (10°F) at 0730 warming to -6°C (21°F) by noon, wind NE 8-15 kph (5-10 mph) changing to SE 15 kph (10 mph) in the afternoon, ground covered with 20-40 cm (8-16") of new snow, freshwater frozen, salt water iced over or slushy with a few open leads.

Wildlife Food Crop: Fair to Poor - almost no cones on white spruces, and few berries on the Bayberry bushes, moderate fruit crop on rose bushes, and weed seeds available through the snow cover.

<u>Observers:</u> Paul Bogaard	R.R.#1, Sackville, N.B.
Tony Erskine	Box 1327, Sackville, N.B.
Gary Greer	Box 1927, Sackville, N.B.
Hinrich Harries	Box 1182, Sackville, N.B.
Peter Hicklin	Box 1782, Sackville, N.B.
Ron Hounsell	Box 1391, Sackville, N.B.
John Loch	30 Kirton Ct, Riverview NB E1B 3P9
Colin MacKinnon	Box 152, Sackville, N.B.
Carolyn Peach	General Delivery, Sackville, N.B.
Al Smith (Compiler)	Box 1465, Sackville, N.B.
Stu Tingley	Box 1185, Sackville, N.B.
Ian Walker	Biology Dept., Simon Fraser Univ., Burnaby, B.C. V5A 1S6

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

1 American Black Duck	52 American Crow
8 Common Eider	56 Common Raven
99 Oldsquaw	122 Black-capped Chickadee
4 White-winged Scoter	12 Boreal Chickadee
52 Common Goldeneye	1 Brown Creeper
10 Common Merganser	16 Golden-crowned Kinglet
76 Red-breasted Merganser	7 American Robin
1 <u>Northern Harrier</u>	4 Northern Shrike
3 Sharp-shinned Hawk	245 European Starling
1 Northern Goshawk	12 Yellow-rumped Warbler
1 Red-tailed Hawk	71 American Tree Sparrow
4 Rough-legged Hawk	4 Song Sparrow
1 <u>Spruce Grouse</u>	2 <u>Swamp Sparrow</u>
6 Ruffed Grouse	1 White-throated Sparrow
3 Ring-billed Gull	1 <u>White-crowned Sparrow</u>
59 Herring Gull	<u>54</u> Dark-eyed Junco
56 Iceland Gull	78 Snow Bunting
87 Great Black-backed Gull	7 Red-winged Blackbird
43 Rock Dove	3 Rusty Blackbird
1 Mourning Dove	43 Pine Grosbeak
3 Downy Woodpecker	387 Common Redpoll
2 Hairy Woodpecker	15 Evening Grosbeak
1 Pileated Woodpecker	145 House Sparrow
13 Horned Lark	38 Unidentified Ducks
2 Grey Jay	2 Unidentified Woodpeckers
48 Blue Jay	11 Unidentified Songbirds

Total: 49 species, 1974 individuals

Count-period Observations: 1 Black Guillemot observed December 23 by Brian Dalzell near the Cape Tormentine ferry terminal.

Comments - Cape Tormentine Count - 1985

- (1) Conditions on count day were variable throughout the zone with visibility greatly reduced during periods of snow. Exceptionally cold conditions from November 20 resulted in rather severe ice conditions and consequently few (species and numbers) of waterbirds. Coverage of the count zone was good with the light snow cover not greatly impeding foot travel.
- (2) No species were recorded new to the count zone. However, the Black Guillemot observed by Dalzell on December 23 is new to the count zone.
- (3) The number of species recorded (49) is above average, however, the number of individuals (1974 birds) is the lowest since 1972.
- (4) Species unusual to the count were:

Northern Harrier	- 4 previous records (1967, '72, '73, '82)
Spruce Grouse	- 3 previous records (1963, '66, '84)
Swamp Sparrow	- 1 previous record (2 birds in 1976)
White-crowned Sparrow	- 2 previous records (1973, '76)
- (5) Only one species, Dark-eyed Junco, was recorded in record numbers.
- (6) The Cape Tormentine count celebrated its 25th Anniversary Year in 1985. Unfortunately the count was not particularly outstanding. As no new species was recorded, the cumulative total remains at 104 species.
- (7) Mammals observed on count day were: 10 red squirrel, 2 moose, 2 snowshoe hare.

With thanks to all participants and good birding in 1986.

Al Smith
Al Smith
Compiler

CHRISTMAS BIRD COUNT

CAPE TORMENTINE, NEW BRUNSWICK

1982

Area: Cape Tormentine, New Brunswick (46°07' - 63°55'), all points within a 15 mile diameter circle centered 0.6 miles north of intersection of Trans-Canada Highway, 1.1 miles east of Melrose Post Office, to include Cape Tormentine, Cadman Corner, and Timber River. Elevation 0-150'. Established 1961.

Coverage: December 18, 1982; 0732 - 1645 hours; 11 observers in 5-10 parties. Total party hours 56 (36 $\frac{1}{4}$ hours on foot, 19 $\frac{3}{4}$ hours by car). Total party miles 226.4 (377.3 km); 37.4 miles (62.4 km) on foot, 189 miles (315 km) by car. Habitat coverage: second growth mixed woods 17 $\frac{1}{2}$ hours (31%), seacoast 17 $\frac{1}{4}$ hours (31%), farms and open fields 17 hours (30%), marshland 3 $\frac{3}{4}$ hours (7%), town and villages $\frac{1}{2}$ hour (2%).

Conditions: Cloudy, continuous snow flurries until 10:15 AM and intermittent flurries thereafter; temperature -8°C (18°F) at 0730 moderating to -4°C (28°F) by 1300 hours; wind NE 20-25 kph (12-15 mph) gusting to 35 kph (22 mph), ground very lightly covered with less than $\frac{1}{2}$ " (1 cm) of fresh snow, freshwater frozen except for running streams, salt water open with slush ice in some coves.

Wild Food Crop: Good, plenty of weed and grass seeds available to ground foragers, good crop of bayberries and rose hips and fairly good cone crop on some coastal stands of white spruce.

Observers: Paul Bogaard, Brian Dalzell, Tony Erskine, Peter Hicklin, Don Kimball, John Loch, Al Smith (Compiler, P.O. Box 1465, Sackville, New Brunswick, E0A 3C0), Ralph Stopps, Stuart Tingley, Ian Walker, Rob Walker.

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

1 Common Loon	1 Downy Woodpecker
<u>7</u> <u>Gannet</u>	22 Blue Jay
15 Canada Goose	70 Common Raven
2 Mallard	79 Common Crow
365 Black Duck	47 Black-capped Chickadee
1 Greater Scaup	22 Boreal Chickadee
147 Common Goldeneye	1 Brown Creeper
2 Bufflehead	31 Golden-crowned Kinglet
<u>1153</u> Oldsquaw	129 Starling
24 Common Eider	67 Yellow-rumped Warbler
1 Surf Scoter	76 House Sparrow
1 Black Scoter	1 Common Grackle
25 Common Merganser	1 Brown-headed Cowbird
228 Red-breasted Merganser	5 Evening Grosbeak
3 Red-tailed Hawk	6 Common Redpoll
2 Rough-legged Hawk	8 Tree Sparrow
1 Marsh Hawk	3 Song Sparrow
<u>19</u> Ruffed Grouse	265 Snow Bunting
161 Iceland Gull	
90 Great Black-backed Gull	19 Unidentified Gulls
165 Herring Gull	2 Unidentified Songbirds
25 Ring-billed Gull	
30 Rock Dove	
1 <u>Hawk Owl</u>	

Total: 42 species, 3324 individuals

Count-period Birds: Birds observed by S. Tingley during count period (December 15-21, 1982) were: Gray Jay 1 (December 16), Northern Shrike 1 (December 16), Mockingbird 1 (December 16 and 19), Great Cormorant 4 (December 19).

Comments - Cape Tormentine Count - 1982

- (1) Observational conditions on count day were poor with high winds and poor visibility throughout the day. However, coverage of the count zone was good with both party miles and hours comparable with coverage of the zone during the past five years.
- (2) No species new to the count was reported, however, Tingley observed a single Mockingbird in the village of Cape Tormentine on December 16 and December 19, thus a new species recorded during count period but not on count day. The cumulative species total for the Cape Tormentine count still stands at 101.
- (3) Species recorded that are unusual to the count are the following:
 - Gannet - a flock of seven observed by Hicklin, Dalzell, and Loch flying east along the coast of Baie Verte near Bayside. Gannets were recorded only once previously, two observed by Tingley off Murray Corner on December 16, 1978.
 - Hawk Owl - a single bird observed by Kimball and Smith at close range < 50m sitting on a power pole along the causeway in the Cape Jourimain National Wildlife Area. The bird was still in the area on December 19 and was photographed by Tingley and Kimball. As with the gannets, a single Hawk Owl was previously reported on December 16, 1978 by S. Tingley.
- (4) Other than unusually large numbers of Oldsquaw (1153) nothing else was particularly notable about the count. Undoubtedly the number of Yellow-rumped Warblers (67) should have been much higher, had the high winds not made it so difficult to locate them in the coastal woodlots.
- (5) Very few finches were reported and probably due to the unseasonably mild weather conditions, northern birds have not yet moved into the area. No Pine Grosbeaks were reported and only a single flock of six Redpolls.
- (6) Mammals observed on count day were: porcupine 1, snowshoe hare 7, red squirrel 12, meadow vole 4, shrew 1, fox (tracks).

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

Al Smith

Al Smith (Compiler)

CHRISTMAS BIRD COUNT

CAPE TORMENTINE, NEW BRUNSWICK

1981

Area: Cape Tormentine, New Brunswick (46°07' - 63°55'), all points within a 15 mile diameter circle centered 0.6 miles north of intersection of Trans-Canada Highway, 1.1 miles east of Melrose Post Office, to include Cape Tormentine, Cadman Corner, and Timber River. Elevation 0-150'. Established 1961.

Coverage: December 20, 1981; 0730 - 1645 hours; 14 observers in 5-11 parties. Total party hours 56 $\frac{3}{4}$ (35 on foot, 21 $\frac{3}{4}$ by car). Total party miles 201.5 (335.8 km); 43 miles (71.6 km) on foot, 158.5 miles (264.2 km) by car. Habitat coverage: second growth mixed woods 19 hours (34%), farms and open fields 17 hours (30%), sea coast 16 $\frac{3}{4}$ hours (30%), marshland 3 hours (4%), towns and villages 1 hour (2%).

Conditions: Cloudy with infrequent light snow flurries in the early morning becoming mostly sunny by 1030, temperature -6°C (21°F) at 0730 warming slightly to -4°C (25°F) by 1300 hours; wind W 5-15 kph (3-6 mph) by late afternoon, ground covered with 4" (10 cm) of light powdery snow - wind swept and slightly drifted in open areas, freshwater frozen except for running streams, salt water entirely open.

Wild Food Crop: Fair, weed and grass seeds available to ground foraging species, some rose hips and other berries, but few bayberries except in a few localized areas, virtually no cones on spruce and fir trees.

Observers: Greg Belyea, Paul Bogaard, Tony Erskine, Gay Hansen, Hinrich Harries, Peter Hicklin, Etta Hudgins, Lance Laviolette, Colin MacKinnon, Bill and Chris Prescott, Al Smith (Compiler, P.O. Box 1465, Sackville, New Brunswick E0A 3C0), Ralph Stopps, Stuart Tingley.

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

<u>1</u> <u>Red-necked Grebe</u>	74 Common Raven
<u>1</u> <u>Horned Grebe</u>	77 Common Crow
<u>6</u> Great Cormorant	146 Black-capped Chickadee
<u>1</u> <u>Great Blue Heron</u>	10 Boreal Chickadee
<u>295</u> Canada Goose	1 Brown Creeper
<u>468</u> Black Duck	18 Golden-crowned Kinglet
3 Common Pintail	6 Northern Shrike
<u>3</u> <u>Greater Scaup</u>	268 Starling
<u>706</u> Common Goldeneye	43 Yellow-rumped Warbler
177 Oldsquaw	119 House Sparrow
14 Common Eider	35 Brown-headed Cowbird
25 White-winged Scoter	3 Evening Grosbeak
2 Surf Scoter	13 Pine Grosbeak
10 Common Merganser	<u>742</u> Common Redpoll
<u>274</u> Red-breasted Merganser	2 White-winged Crossbill
5 Ruffed Grouse	22 Dark-eyed Junco
128 Iceland Gull	34 Tree Sparrow
116 Great Black-backed Gull	3 Song Sparrow
162 Herring Gull	<u>2</u> <u>Lapland Longspur</u>
<u>252</u> Ring-billed Gull	502 Snow Bunting
115 Rock Dove	
9 Mourning Dove	47 Unidentified Finch
1 Common Flicker	14 Unidentified Ducks
2 Hairy Woodpecker	1 Grouse sp.
3 Downy Woodpecker	
2 Horned Lark	
2 Gray Jay	
53 Blue Jay	

Total: 48 species, 5018 individuals.

See during count period (December 17-24, 1981) but not on count day were Red-throated Loon 1 (December 18), Common Grackle 1 (December 19), and Mallard 1 (December 18).

Comments - Cape Tormentine Count - 1981

- (1) Conditions during count day were favourable and coverage of the count zone was excellent. Both party miles and hours were up substantially from those recorded in 1980 and were comparable with coverage for 1978 and 1979.
- (2) One new species was recorded, a single Great Blue Heron observed by Laviolette and Smith at Cape Jourimain National Wildlife Area. The bird flew by the observers at a distance of approximately 100 meters and was clearly visible for up to one minute.
- (3) Species recorded that are unusual to this count were the following:
 - Red-necked Grebe - a single bird observed by Laviolette near the ferry terminal at Cape Tormentine. Two birds of that species were observed in the same area on Dec. 18 by Tingley, Smith and Laviolette. Red-necked grebes have been reported twice before on this count.
 - Horned Grebe - a single bird observed at Peacock's Cove by Smith. It was observed only momentarily through a 20X spotting scope while observing three Greater Scaup. Horned Grebes were recorded for the first time on this count in 1980.
 - Greater Scaup - three birds observed in a group at Peacock's Cove by Smith and Laviolette. Recorded only twice before on this count.
 - Lapland Longspur - two birds observed with a flock of 18 Snow Buntings feeding along the dunes at Cape Jourimain. Longspurs have been recorded only once previously (1962).
- (4) The open sea coast condition and unusually mild late fall conditions undoubtedly accounted for the large numbers of Canada Geese, Black Ducks, Goldeneye and Red-breasted Mergansers, and likely as well for the large numbers of Ring-billed Gulls.
- (5) Other than Common Redpoll there were few winter finches recorded.
- (6) For the first time since 1965, no hawks were recorded on the count.
- (7) The number of species recorded (48) is average for this zone but a bit disappointing given the excellent coverage and conditions during count day. Record high species tally for this zone was 55 in 1973. Conditions and coverage in 1973 were similar to 1981 with the exception of only 11 observers and no snow cover.
- (8) The number of individuals recorded (5018) was the second highest ever recorded in this zone but still well below the record 11,321 tallied in 1979.
- (9) Mammals observed on count day were 4 red squirrel, 2 snowshoe hare, plus numerous tracks of deer and fox.

With sincere thanks to all participants and good birding in 1982.

A. D. Smith, Compiler

CHRISTMAS BIRD COUNT

CAPE TORMENTINE, NEW BRUNSWICK

1980

Area: Cape Tormentine, New Brunswick (46°07' - 63°55'), all points within a 15 mile diameter circle centered 0.6 miles north of intersection of Trans-Canada Highway, 1.1 miles east of Melrose Post Office, to include Cape Tormentine, Cadman Corner, and Timber River. Elevation 0-150'. Established 1961.

Coverage: December 20, 1980; 0530 - 1700 hours; 13 observers in 5-8 parties.
Total party hours 52 (27½ on foot, 24½ by car, ½ on snowmobile).
Total party miles 159.5 (265.7 km); 29.7 miles (49.5 km) on foot, 127.3 miles (212.2 km) by car, 2.5 miles (4 km) on snowmobile.
Habitat coverage: second growth mixed woods 18 hours (34.6%), farms and open fields 17 hours (32.7%), marshland ¾ hour (1.4%), sea coast 13½ hours (25.5%), towns and villages 3 hours (5.8%).

Conditions: Sunny but extremely cold, temperature -20°C (-4°F) at 0730 warming to -14°C (+7°F) by 1230 hours; wind NW 10-15 kph (5-10 mph) gusting to 20 kph (12 mph) in AM decreasing slightly in the PM, ground covered with 25-30 cm (10-12") of fresh powdery snow - wind swept and drifted in open areas, fresh water frozen and salt water heavily clogged with ice flows with only small open leads.

Wild Food Crop: Fair to good, weed and grass seeds in abundance providing good foraging for ground feeding species in open areas, some rose-hips but very few bayberries except for very local areas on outer Jourimain Island and near the Cape Tormentine Cottage Woodlot. Cone crop was poor with the exception of small white spruce stands along the coast that had an abundance of cones.

Observers: Peter Barkhouse, Paul Bogaard, Sandy Burnett, Tony Erskine, Peter Hicklin, Carrie Hicklin, Etta Hudgins, Don Kimball, Bob Lambertson, Al Smith (compiler - P.O. Box 1465, Sackville, New Brunswick, EOA 3C0), Marc Spence, Ralph Stopps, Stuart Tingley.

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

1 <u>Horned Grebe</u>	2 Grey Jay
1 Great Cormorant	92 Blue Jay
1 Mallard	100 Common Raven
9 Black Duck	56 Common Crow
22 Common Goldeneye	122 Black-capped Chickadee
189 Oldsquaw	48 Boreal Chickadee
5 Common Eider	3 Red-breasted Nuthatch
1 Surf Scoter	1 Brown Creeper
43 Common Merganser	4 American Robin
36 Red-breasted Merganser	26 Golden-crowned Kinglet
243 Duck sp.	1 Northern Shrike
2 Goshawk	150 Starling
3 Red-tailed Hawk	15 Yellow-rumped Warbler
4 Rough-legged Hawk	279 House Sparrow
121 Iceland Gull	3 Red-winged Blackbird
278 Great Black-backed Gull	5 Brown-headed Cowbird
239 Herring Gull	2 Evening Grosbeak
5 Ring-billed Gull	76 Pine Grosbeak
30 Gull sp.	178 Common Redpoll
<u>136</u> Rock Dove	<u>37</u> Pine Siskin
2 Mourning Dove	13 American Goldfinch
1 Common Flicker	9 Finch sp.
8 Hairy Woodpecker	22 Dark-eyed Junco
6 Downy Woodpecker	33 Tree Sparrow
1 Black-backed Three-toed Woodpecker	1 Field Sparrow
2 Horned Lark	2 White-throated Sparrow
	6 Song Sparrow
	1 Sparrow sp.
	263 Snow Bunting

Total: 51 species, 2938 individuals.

Comments:

(1) Coverage of the count zone was good despite the severely cold weather and impossible (by vehicle) side roads. Total party hours and miles were down substantially from those of 1978 and 1979, but habitat percentages were comparable.

(2) This was the 20th anniversary of the Cape Tormentine count and as hoped the 100th species was tallied - a single Horned Grebe observed by Bogaard off Rayworth Beach in Baie Verte. It is indeed surprising that Horned Grebes have never before been recorded on count day as they are relatively common in the zone throughout late November and early December.

(3) Species unusual to the Cape Tormentine count were as follows:

- Great Cormorant observed by Barkhouse at Cape Tormentine; this is the third time this species has been recorded on the Cape Tormentine count, however, it has been observed in three of the past four years.
- Common Flicker - the single bird observed by Barkhouse in the cottage woodlot at Cape Tormentine represents the fourth time this species has been recorded in the zone.
- Field Sparrow - observed by Bogaard and Kimball at Ephraim Island "within 5 feet of bird - unmistakable markings including buff/white breast, pink bill, eye-ring, etc., and streaking of a juvenile".

(4) The number of species recorded (51) was the fourth highest for the Cape Tormentine count. This was an unexpected high species tally for such severe weather conditions and exceptionally heavy ice conditions. The maximum number of species ever recorded on count day was 55 in 1973. A quick summary of the frequency of occurrence of the 100 species recorded in this count zone over its 20 year history reveals the following; 11 species were recorded in every year, 11 species were recorded between 15-19 times, 15 species recorded 10-14 times, 12 species recorded 5-9 times, 27 species recorded 2-4 times, and 24 species recorded only once over the 20 year period. Bearing those statistics in mind, the Cape Tormentine count should consistently yield a species tally around the 50 mark given similar numbers of observers and comparable coverage. Indeed it is not unrealistic to shoot for the 60 species mark given a combination of an open sea coast, relatively mild early December weather but cold on count day, and a good finch year.

(5) The number of individuals recorded (2938) in 1980 is slightly above average for the zone excluding last year's phenomenal tally of 11,321.

(6) Mammals observed on count day were: red squirrel 6 plus tracks, snowshoe hare 2+ numerous tracks, weasel tracks, red fox tracks, shrew tracks, moose tracks (3 sets), deer tracks.

With sincere thanks to all participants.

Al Smith, Compiler.

Al Smith

CHRISTMAS BIRD COUNT

CAPE TORMENTINE, NEW BRUNSWICK

1979

Area: Cape Tormentine, New Brunswick (46°07' - 63°55'), all points within a 15 mile diameter circle centered 0.6 miles north of intersection of Trans-Canada Highway, 1.1 miles east of Melrose Post Office, to include Cape Tormentine, Cadman Corner, and Timber River. Elevation 0-150'. Established 1961.

Coverage: December 15, 1979; 0737 to 1700 hours; 16 observers in 6-10 parties. Total party hours 62½ (42 on foot, 20½ by car). Total party miles 307 (491 km); 59 miles (94 km) on foot, 248 miles (397 km) by car. Habitat coverage: second growth mixed woods 21 hours (33.6%), farms and open fields 20 hours (32%), marshland 1½ hours (2.4%), sea coast 18½ hours (29.6%), and towns and villages 1½ hours (2.4%).

Conditions: North-western section of the count zone was blanketed with near continuous snow flurry activity until 1100 hours, however, the remainder of the count zone was overcast with occasional sunny intervals and infrequent snow flurries. Temperature -8°C (19°F) at 0745 warming to -5°C (23°F) by 1200 hours; wind NW 5-10 mph (8-16 kph) in the AM diminishing to 0-5 mph (0-8 kph) by early afternoon, ground mostly covered with 1" to 6" (2.5-15 cm) of fresh powdery snow. Fresh water frozen and salt water mostly open with extensive slush inshore from Murry Corner to Cape Jourimain.

Wild Food Crop: Fair - with the exception of rose-hips and bayberries, wild berries and fruits were virtually nonexistent. Cone crop was poor with only scattered white spruce trees along the coast showing an abundance of cones.

Observers: Peter Barkhouse, Paul Bogaard, Tony Erskine, Paul Germain, Gay Hanson, Hinrich Harries, Peter Hicklin, Ron Hounsell, Bob Lambertson, Leslie Linkletter, Carrie MacMillan, Bill Prescott, Al Smith (compiler - P.O. Box 1465, Sackville, New Brunswick EOA 3C0), Edgar Spalding, Ralph Stopps, Stuart Tingley.

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

<u>3</u> Common Loon	<u>121</u> Rock Dove
1 Red-throated Loon	<u>22</u> Mourning Dove
2 Red-necked Grebe	2 Hairy Woodpecker
<u>2</u> Great Cormorant	3 Downy Woodpecker
75 Canada Goose	4 Horned Lark
<u>6</u> Mallard	2 Grey Jay
114 Black Duck	<u>117</u> Blue Jay
95 Common Goldeneye	<u>122</u> Common Raven
3 Bufflehead	121 Common Crow
204 Oldsquaw	115 Black-capped Chickadee
109 Common Eider	40 Boreal Chickadee
8 White-winged Scoter	2 Brown Creeper
8 Surf Scoter	<u>1</u> Catbird
84 Black Scoter	4 American Robin
6 Common Merganser	32 Golden-crowned Kinglet
135 Red-breasted Merganser	<u>358</u> Starling
91 <i>Duck sp.</i>	<u>179</u> Yellow-rumped Warbler
1 Goshawk	266 House Sparrow
1 Sharp-shinned Hawk	5 Brown-headed Cowbird
1 Rough-legged Hawk	5 Evening Grosbeak
5 Ruffed Grouse	15 Common Redpoll
2 Ring-necked Pheasant	28 <i>Finch sp.</i>
5 Glaucous Gull	30 Dark-eyed Junco
113 Iceland Gull	47 Tree Sparrow
<u>502</u> Great Black-backed Gull	5 Song Sparrow
<u>5552</u> Herring Gull	3 <i>Sparrow sp.</i>
<u>247</u> Ring-billed Gull	296 Snow Bunting
1 Black-headed Gull	
2000+ <i>Gull sp.</i>	

Total: 52 species, 11,321 individuals. Also species seen during count period (Dec. 12 - Dec. 18) but not on count day were Horned Grebe, Bonaparte's Gull, Gannet, and Lapland Longspur, all observed by Stuart Tingley in the Cape Jourmain - Cape Tormentine area on Wednesday, Dec. 12, 1979.

Comments:

- (1) With the exception of near continuous snow showers during the morning in the NW section of the count zone, conditions were generally quite favourable and coverage of the zone was excellent. Travel on foot was excellent and coverage was nearly identical with that of 1978 in terms of party miles and hours.
- (2) Only one species (Catbird) was new to the count zone. The Catbird was well observed by Paul Germain at a distance of 10 meters near his farm at Cadmans' Corner.
- (3) Twelve species were recorded with their highest ever numbers for the count. Most notable were the extremely large numbers of gulls observed. The abundance of gulls can be accounted for by the open sea coast and the large numbers of squid washed up on the beaches throughout the count zone.
 - Herring Gull - 5552, previous high of 680 in 1975. It is likely that most of the 2000+ Gull sp. reported were also Herring.
 - Great Black-backed Gull 502, previous high of 284 in 1977.
 - Ring-billed Gull 247, previous high of 60 in 1973.Other species notable for their unusual numbers were:
 - Mourning Dove 22, observed by two field parties but only recorded on three other occasions (9 in 1966, 4 in 1973 and 3 in 1974).
 - Blue Jay 117, previous high of 95.
 - Yellow-rumped Warbler - an incredible 179 observed and reported by all field parties except one. The previous high for this species on the Cape Tormentine count was 44 in 1976. A mild open fall and an exceptional abundance of Bayberries (*Myrica pensylvanica*) no doubt accounts for their abundance.
- (4) The Black-headed Gull was reported by Lamberton, Stopps and Erskine near Cape Tormentine and was well observed at a distance of 200' feeding near the waters' edge with Ring-billed and Herring Gulls. Black-headed Gulls have been recorded only twice before - 1966 and 1969.
- (5) With the addition of the Catbird, the species total comes to 99 for the Cape Tormentine count, plus one count period species. Next year marks the 20th year for Christmas counts at Cape Tormentine and we should be able to mark the anniversary by recording the 100th species for the zone. Candidate species are Horned Grebe and Barrow's Goldeneye.
- (6) The number of species recorded (52) was the third highest for the zone, being surpassed by the record high of 55 in 1973 and 54 species in 1974. However, the number of individuals reported (11,321) nearly triples the previous high of 4007 in 1973. The average number of individuals recorded in the Cape Tormentine count since 1970 has been 2600 thus the 1979 total is nearly 4½ times above average.
- (7) Mammals observed on count day were: Red Squirrel 9, Snowshoe Hare 1 plus abundant tracks. Harbour Seal 1, Grey Seal 1, Red Fox - 6 sets of tracks and Meadow Vole 1.

Many thanks to all participants.

Al Smith, Compiler.

Al Smith

Christmas Bird Count

Cape Tormentine, New Brunswick

1978

Area: Cape Tormentine, New Brunswick (46°07' - 63°55'), all points within a 15 mile diameter circle centered 0.6 miles north of Intersection of Trans-Canada Highway, 1.1 miles east of Melrose Post Office, to include Cape Tormentine, Cadman Corner, and Timber River, Elevation 0-150', Established 1961.

Coverage: December 16, 1978; 0715 to 1640 hours; 12 observers in 6-10 parties. Total party hours 65.8 (43.6 on foot, 22.2 by car). Total party miles 297.9 (476.6 km); 59.5 (95.4 km) on foot, 238.4 (381.5 km) by car. Habitat Coverage: second growth mixed woods 26.5 hours (40%), farms and open fields 22.5 hours (34%), marshland 0.6 hours (1%), sea coast 23.7 hours (24%), towns and villages 0.6 hours (1%).

Conditions: Overcast becoming mostly sunny by 1300 hours, temperature -2°C (28°F) at 0745 warming to +7°C (44°F) by 1300 hours, no wind in the morning with intermittent light (<5 kph), westerlies by noon hour, ground mostly covered with 1/2" (1.2 cm) of new snow over 3" (7.8 cm) of older crusted snow cover, exposed areas blown fairly clear of snow and hollows drifted in, all freshwater frozen, salt water open with extensive ice flows and slush especially from Murray Corner to Cape Jourimain.

Wild Food Crop: Good - weed seeds, wild berries and fruits abundant reflecting the excellent growing season of 1978. Cone crop poor with only scattered white spruce along the coast showing abundance of cones.

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

2 Gannet	14 Grey Jay
7 Canada Goose	52 Blue Jay
12 Black Duck	100 Common Raven
47 Common Goldeneye	81 Common Crow
1 Bufflehead	103 Black-capped Chickadee
732 Oldsquaw	34 Boreal Chickadee
18 Common Eider	6 Brown Creeper
11 Common Merganser	7 American Robin
206 Red-breasted Merganser	24 Golden-crowned Kinglet
1 Goshawk	8 Northern Shrike
1 Rough-legged Hawk	1 Bohemian Waxwing
4 Ruffed Grouse	124 Starling
2 Glaucous Gull	11 Yellow-rumped Warbler
73 Iceland Gull	171 House Sparrow
63 Great Black-backed Gull	19 Evening Grosbeak
107 Herring Gull	54 Pine Grosbeak
14 Ring-billed Gull	40 Common Redpoll

99	Rock Dove	2	American Goldfinch
1	Hawk Owl	18	Dark-eyed Junco
1	Short-eared Owl	15	Tree Sparrow
11	Hairy Woodpecker	1	Song Sparrow
7	Downy Woodpecker	146	Snow Bunting
1	Black-backed Three-toed Woodpecker	2	Unidentified Songbirds
1	Northern Three-toed Woodpecker		
2	Horned Lark		

Total: 47 species, 2457 individuals

Observers: Peter Barkhouse, Paul Bogaard, Tony Erskine, Paul Germain, Peter Hicklin, Ron Hounsell, Gilles Morin, Marg Purdy, Al Smith (compiler - P.O. Box 1465, Sackville, New Brunswick, E0A 3C0), Ralph Stopps, Stu Tingley, Ian Walker.

Comments:

1. Conditions on count day were incredibly good and coverage of the count zone was excellent. Due to very little snow cover, travel on foot was excellent and the 12 field observers tallied a record high of 59.5 miles on foot.

2. Five species reported were new to the count thus bringing to 99 species the total recorded in the Cape Tormentine count zone since its inception. Details of the five new species follow.

- Gannet - two immatures observed by Tingley approximately 200 feet offshore at Murray Corner. "Each bird dove once from approximately 50 feet up - sat on the water for a few minutes then clumsily got into the air and flew off to the south".
- Hawk Owl - observed by Tingley and Walker at the corner of Murray Road and Smith Settlement Road. Observed for several minutes from as close as 30 feet with telescope. According to a resident, the bird had been present for about two weeks and was still in the same area as of 6 January 1979 (photographed by S. Tingley).
- Short-eared Owl - first observed by Erskine and Stopps flying along the shore near Cape Spear. The bird was observed to move inland over a weedy field where it appeared to pounce on a prey species. The bird was well observed using binoculars from approximately 500 feet down to 250 feet.
- Bohemian Waxwing - an individual bird reported by Gilles Morin near Cadman Corner; the bird was heard and observed in flight low overhead. The observer was familiar with the species.
- Northern Three-toed Woodpecker - clearly observed by both Morin and Germain near Cadman Corner - distinguishing ladder back markings noted by observers.

3. Other notable observations were:

Bufflehead - observed only on three previous counts, 1961, 1969, and 1973.

Oldsquaw - the high number of 732 observed is almost certainly an underestimate, but greatly exceeds the previous high of 512.

Gulls - were surprisingly scarce in light of the record high numbers observed in the area only a month earlier.

Black-backed Three-toed Woodpecker - has been observed only twice previously, 1972 and 1976 on Christmas Count Days.

Northern Shrike - all field parties observed at least one Shrike on count day and tallied a record high of 8 individuals.

Yellow-rumped Warbler - Tingley observed all 11 warblers reported in a coastal woodlot near Cadman Corner, one of the usual haunts for warblers in the zone, but they were curiously absent from other sites where they are usually observed.

4. The number of species reported (47) is average for the Cape Tormentine Count since 1971 and total individuals reported (2457) is slightly above the average for the past seven years.

A. D. Smith

A. D. Smith
9 January 1979

Mammals Observed on Count Day: Red Fox - 2 both greyish-black and tracks of three other foxes; Bobcat - 1 (tracks); Grey Seal - 5; Red Squirrel - 7; Snowshoe Hare - 1 plus abundant tracks in most covers.

Christmas Bird Count

Cape Tormentine, New Brunswick

1977

Area: Cape Tormentine, New Brunswick (46°07' - 63°55'), all points within a 15 mile diameter circle centered 0.6 miles north of Intersection of Trans-Canada Highway, 1.1 miles east of Melrose Post Office, to include Cape Tormentine, Cadman Corner, and Timber River, Elevation 0-150', Established 1961.

Coverage: December 17, 1977; 0725 to 1630 hours; 13 observers in 5-10 parties. Total party hours 53.2 (22.9 on foot, 30.3 by car). Total party miles (km) 244.3 (393 km); 30.4 (49 km) on foot, 213.9 (344 km) by car. Habitat Coverage: second growth mixed woods 21.8 hours (40%), farms and open fields 17.8 hours (35%), marshland 0.5 hours (1%), sea coast 12.6 hours (23%), towns and villages 0.5 hours (1%).

Conditions: Cloudy, temperature -4°C (26°F) at 0745 warming to 0°C (32°F) by mid-day; wind NW 10-15 M.P.H. increasing to NW 15-20 by mid-day gusting to 25, ground covered with 6-15" of fresh crusted snow, exposed areas blown fairly clear, fresh water frozen, salt water open from Cape Monash to Cape Tormentine and largely frozen (slush and ice floes) from Cape Tormentine north along the shore and seaward to 1/2 mile.

Wild Food Crop: Poor - no spruce cones and few weed seeds appeared available even in wind swept areas.

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

1 Common Loon	1 Hairy Woodpecker
1 <u>Great Cormorant</u>	3 Downy Woodpecker
1 <u>Canada Goose</u>	1 Horned Lark
13 Black Duck	60 Blue Jay
107 Common Goldeneye	59 Common Raven
420 Oldsquaw	36 Common Crow
12 Common Eider	47 Black-capped Chickadee
5 White-winged Scoter	11 Boreal Chickadee
1 Black Scoter	23 Golden-crowned Kinglet
3 Common Merganser	3 Northern Shrike
23 Red-breasted Merganser	163 Starling
1 Sharp-shinned Hawk	187 House Sparrow
1 Rough-legged Hawk	1 Brown-headed Cowbird
10 Ruffed Grouse	21 Pine Grosbeak
<u>24</u> Iceland Gull	89 Common Redpoll
284 Great Black-backed Gull	9 Tree Sparrow
<u>407</u> Herring Gull	1 Song Sparrow
4 Ring-billed Gull	262 Snow Bunting
32 Rock Dove	6 Unidentified Songbirds

Total: 37 species, 2333 individuals

Observers: Peter Barkhouse, Paul Bogaard, Tony Erskine, Trevor Goward
Hinrich Harries, Peter Hicklin, Ron Hounsell, Bob Lamberton,
Jean Ouellette, Bill Prescott, Al Smith (Compiler), Ralph
Stops, Stu Tingley.

Comments:

1. Conditions on count day were not good as the high winds made hearing impossible and the snow cover made walking difficult. Coverage in terms of party hours and miles was good and the relatively low species count for the zone is likely largely attributable to unfavourable weather.
2. Only one species was new to the count zone - a single Great Cormorant observed by Barkhouse, Bogaard and Smith at the Ferry terminal. An individual cormorant was also at the same location in 1970 and was probably a Great Cormorant but could not definitely be identified as it was only briefly observed.
3. Overall the count was uneventful. Forest dwelling species were scarce while a greater percentage of observer hours was spent in forested habitat than ever before. The wild food crop was generally poor throughout the zone. Aquatic bird species were reported in unusually low numbers for the amount of coastline that was ice free.
4. Junco's were not reported for the first time since 1970, and no Yellow-rumped Warblers, in marked contrast to last year's high of 44 individuals. It seems likely that the severe wind conditions on count day account for no Warblers reported as audibility in the coastal woodlots was near zero.
5. Total species reported (37) is the lowest since 1970 and total individuals (2333) above average for the count. Record highs for the count zone are 55 species in 1973 and 4007 individuals that same year. With the addition of Great Cormorant a total of 94 species have been recorded on the Cape Tormentine count since its inception in 1961.

Al Smith
A. D. Smith
6 January 1978

Mammals Observed on Count Day: Red Fox - 4, Snowshoe Hare - 2, Red
Squirrel - 8, Seal (probably Grey) - 1, Beaver - 1, Porcupine - 1.

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
Trevor Goward	General Delivery, 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
Jean Ouellette	General Delivery, Sackville, New Brunswick
Bill Prescott	R.R. #1, Sackville, New Brunswick
Al Smith (Compiler)	P.O. Box 1465, Sackville, New Brunswick
Ralph Stopps	P.O. Box 1317, Sackville, New Brunswick
Stu Tingley	P.O. Box 1629, Sackville, New Brunswick

Christmas Bird Count

Cape Tormentine, New Brunswick

1976

Elevation
0-150'

Area: Cape Tormentine, New Brunswick (46°07' - 63°55'), all points within a 15 mile diameter circle centered 0.6 miles North of Intersection of Trans-Canada Highway, 1.1 miles east of Melrose Post Office, to include Cape Tormentine, Cadman Corner, and Timber River.

Coverage: December 19, 1976; 0758 to 1600 hours; 8 observers in 3-6 parties. Total party hours 30 (15.5 on foot, 14.5 by car). Total party miles 136.5 (15.5 on foot, 121 by car). Habitat Coverage - second growth mixed woods 3.5 hours (12%), farms and open fields 14.5 hours (48%), marshland 1 hour (3%), sea coast 9 hours (30%), towns and villages 2 hours (7%).

Conditions: Clear, sunny in A.M., partly cloudy in the P.M., temperature -10°C at 0800 warming to -5°C by mid-day, wind NW 5 - 10 MPH decreasing to < 5 MPH by mid-day, ground covered with 8-10 inches of soft, new snow, exposed areas blown fairly clear and considerable drifting, fresh water frozen, salt water largely frozen with open leads from Cape Tormentine to Monash Point.

Wild Food Crop: Excellent - generally thin snow cover on open exposed fields afforded good feeding by ground foraging species, good cone crop on spruce trees, especially white spruce along the coast.

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

3 Canada Goose	3 Northern Shrike
2 Common Goldeneye	48 Starling
81 Oldsquaw	44 Yellow-rumped Warbler
10 Common Eider	144 House Sparrow
2 Common Merganser	4 Red-winged Blackbird
2 Red-breasted Merganser	3 Rusty Blackbird
1 Rough-legged Hawk	2 Common Grackle
25 Iceland Gull	5 Brown-headed Cowbird
14 Great Black-backed Gull	3 Evening Grosbeak
18 Herring Gull	13 Pine Grosbeak
1 Ring-billed Gull	35 Common Redpoll
79 Rock Dove <i>common (y.s)</i>	1 <u>Rufous-sided Towhee</u>
1 Yellow-shafted Flicker	36 <u>Dark-eyed Junco</u>
5 Downy Woodpecker	1 <u>Savannah Sparrow</u>
1 Black-backed Three-toed Woodpecker	132 <u>Tree Sparrow</u>
20 Horned Lark	1 White-crowned Sparrow
1 Grey Jay	37 White-throated Sparrow
48 Blue Jay	21 <u>Song Sparrow</u>
27 Common Raven	2 <u>Swamp Sparrow</u>
98 Common Crow	527 <u>Snow Bunting</u>
32 Black-capped Chickadee	
27 Boreal Chickadee	4 Unidentified Gulls
1 Red-breasted Nuthatch	5 Unidentified Diving Ducks
11 <u>American Robin</u>	21 Unidentified Song Birds

Total: 44 species, 1602 individuals

Observers: Peter Barkhouse, Trevor Goward, Hinrich Harries, Ron Hounsell, Eleanor Magee, Al Smith (compiler), Stuart Tingley, Ralph Stopps.

Comments:

1. Weather conditions were generally favourable, however, drifted snow made many side-roads impassable by car and walking difficult. Coverage of the count zone was fair with only half the number of observers we had in 1975, and party miles and hours significantly less than last year.
2. An unusually cold early December accounted for the severe winter conditions encountered on count day. The season's first heavy snowfall occurred on December 17 and undoubtedly accounts for concentrating the ground foraging species and thus the exceptionally large numbers of sparrows reported.
3. Three species were new to the Cape Tormentine Christmas Count.
Rufous-sided Towhee - a male observed by Barkhouse and Smith feeding at a bird feeder in the village of Cape Tormentine. According to the feeder operator, the Towhee had been there for the past three weeks.
Savannah Sparrow - observed by Tingley, Goward, and Stopps.
Swamp Sparrow - observed by S. Tingley.
4. Several species were recorded in record high numbers. A total of 11 American Robins surpasses the former high of 4 individuals in 1967 and 1968. They were observed in groups of 2 and 3 and appeared to be highly mobile. The record number of 44 Yellow-rumped Warblers far exceeds the former high of 21 individuals. They were observed in flocks of 10, 20, 12, and 2. The flock of 10 Yellow-rumped Warblers was observed in exactly the same clump of alders where a flock of 20+ were observed on November 21. Four Red-winged Blackbirds were observed by Barkhouse and Smith feeding in oat stubble near Cape Spear. Numbers of sparrows far exceeded previous highs; Tree Sparrow 132 (25 in 1966), White-throated Sparrow 37 (2 in 1974 and 1975), and Song Sparrow 21 (8 in 1973).
5. Aquatic bird species were reported in very low numbers, undoubtedly related to the rather severe ice conditions. Gull numbers were at an all-time low, in marked contrast to the record numbers reported last year.
6. Most species usual to the Cape Tormentine count were reported with the exception of Golden-crowned Kinglet. That species had annually been reported on the count except for 1969.
7. Total species number (44) and individuals (1602) were average for the count. Record highs have been 55 species in 1973 and a total individual count of 4007 in 1973.
8. With the addition of the three new species reported this year, a grand total of 93 species of birds have been reported in the count over its 16 year history.

AD Smith
A. D. Smith
January 4, 1977

Mammal Observations on Count Day: 13 Red Squirrel, 1 Red Fox, 1 Short-tailed Shrew, 1 Moose (tracks).

Christmas Bird Count

Cape Tormentine, New Brunswick

1975

Area: Cape Tormentine, New Brunswick (46°07' - 63°55'), all points within a 15 mile diameter circle centered 0.6 miles North of intersection of Trans-Canada Highway, 1.1 miles east of Melrose Post Office, to include Cape Tormentine, Cadman Corner, and Timber River.

Coverage: December 20, 1975; 0734-1615; 16 observers in 6-11 parties. Total party hours 57 (30½ on foot, 26½ by car). Total party miles 238 (39 by foot, 199 by car). Habitat Coverage - Second growth mixed woods 18½ hours (32.5%), farms and open fields 15 hours (26%), marshland 2 hours (3.5%), sea coast 21 hours (37%), towns and villages ½ hour (1%).

Conditions: Clear, sunny and extremely cold, temperature -25°C. (-13°F) at 0700 warming to -19°C (-2°F) by mid-day, wind NW 8-10 MPH decreasing to 5 MPH by mid-day, ground covered with 2-4" of crusted snow, fresh water frozen, salt water mostly frozen with open leads.

Wild Food Crop: Good - thin snow cover allowed ground foraging birds easy access to a variety of seeds, rose hips etc. - few spruce cones this year.

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

222 Canada Goose	8 Grey Jay
1 <u>Mallard</u> -	85 Blue Jay
127 Black Duck	56 Common Raven
25 Common Goldeneye	46 Common Crow
450 Oldsquaw	156 Black-capped Chickadee
<u>156</u> Common Eider	<u>74</u> Boreal Chickadee
7 Surf Scoter -	1 Golden-crowned Kinglet
4 Black Scoter	4 Northern Shrike
48 Common Merganser	1 Loggerhead Shrike
42 Red-breasted Merganser	58 Starling
1 Goshawk	21 Yellow-rumped Warbler
3 Rough-legged Hawk	91 House Sparrow
7 Ruffed Grouse	1 Red-winged Blackbird
2 Glaucous Gull	8 Evening Grosbeak
110 Iceland Gull	142 Pine Grosbeak
<u>196</u> Great Black-backed Gull	2 Purple Finch
<u>680</u> Herring Gull	<u>223</u> Common Redpoll <i>- see Goldfinch ①</i>
10 Ring-billed Gull	<u>24</u> Dark-eyed Junco
1 <u>Ivory Gull</u> -	16 Tree Sparrow
46 Rock Dove	2 White-throated Sparrow
1 Barred Owl	1 <u>Field Sparrow</u>
2 Snowy Owl	448 Snow Bunting
2 Hairy Woodpecker	
10 Downy Woodpecker	3 Unidentified Song Birds
<u>25</u> Horned Lark	309 Unidentified Ducks

Total: 47 species, 3,889 individuals. Seen during count period (Dec. 21) 1 Bufflehead (S. Tingley)

Observers: Peter Barkhouse, Gordon Burns, Roger Burrows, Ian Cameron, Stephen Clayden, Brian Dalzell, Millie Evans, Trevor Goward, Hinrich Harries, Ronald Hounsell, Barry Hughson, Robert Lamberton, Bill Prescott, Al Smith (Compiler), Stuart Tingley, Ralph Stopps.

Comments:

1. Weather conditions during count day were generally favourable but extremely cold. Coverage of the count zone was good with more field observers than ever before.
2. Late fall weather conditions were generally mild and very similar to those experienced in 1973 and 1974. Unfortunately cold weather set in on Dec. 18, just prior to count period.
3. Three species were new to the Cape Tormentine Christmas Count.

Mallard - one was observed by Stuart Tingley flying with a flock of Black Duck near Chapman's Corner.

Ivory Gull - an immature observed by A. Smith just east of the Murray Corner Wharf. This small gull was first observed flying north along the coast and it landed on an ice flow stranded at the high tide mark near several Iceland and Ring-billed Gulls. The bird was observed for several minutes using a 20x spotting scope - its conspicuous dirty face appearance, black bill and legs could easily be seen. It was later approached to within 50 feet and observed for upwards to 5 minutes. The plumage was strikingly white with many brownish-black specks (similar to the plumage of a Snowy Owl). When flushed the dark primary tips and dark tail band could easily be seen.

Field Sparrow - one observed by Tingley et al. at the Melrose dump, seen for 4-5 minutes as close as 15 feet, feeding in small bushes and weeds. Bland face, bright "pink" bill (both mandibles), distinct white eye ring, clear (unspotted) grayish breast with some buff on flanks and sides of breast. True "sparrow-like" note but not as loud and "echoing".

4. Other species unusual to the count but reported in previous years were: Surf Scoter - 5, reported by Burrows and Stopps and 2 by Evans and Hughson - all near Cape Spear; Snowy Owl 2 observed by Prescott, Dalzell and Cameron (Monash Point and Amos Point); Loggerhead Shrike - an immature observed well by Prescott et al. on the Hardy Road; White-throated Sparrow - 2 observed by Burns, Barkhouse and Smith near Peacock Cove.
5. As usual Yellow-rumped Warblers were reported - a total of 21 (tying last year's record high numbers for the species). The hot spot again was the coastal woodlots near Cadman's Corner, where Tingley, Gward, Lambertson and Clayton observed 18, Burns observed 2 at their usual haunt, the cottage woodlot near Cape Tormentine, and Hughson and Evans observed one near Cape Spear.
6. Several Species were reported in record high numbers; Common Eider - 156 (50 in 1973), Great Black-backed Gulls - 196 (116 in 1973); Herring Gulls - 680 (278 in 1973); Horned Lark - 25 (10 in 1971); Boreal Chickadee - 72 (44 in 1974); and Common Redpoll - 223 (142 in 1968). There was a terrific northwest movement of gulls along the coast during the morning of count day - the totals reported for Black-backed and Herring Gulls are almost certainly low.
7. A total of 47 species was observed, the third highest count on record for Cape Tormentine (55 species in 1973, 54 species in 1974). Total individual count of 3,889 approached the record high of 4,007 in 1974.
8. With the three new species reported this year a grand total of 90 species of birds have been reported over the 15 year history of the Cape Tormentine count.

A. D. Smith
January 8, 1976

Mammal Observations on Count Day: 24 Red Squirrel, 1 Deer (fresh tracks),
2 Snowshoe Hare, 2 Porcupine.

Christmas Bird Count
Cape Tormentine, New Brunswick

1974

Area: Cape Tormentine, New Brunswick (46°07' - 63°55'), all points within a 15 mile diameter circle centered 0.6 miles North of intersection of Trans-Canada Highway, 1.1 miles east of Melrose Post Office, to include Cape Tormentine, Cadman Corner, and Timber River.

Coverage: December 14, 1974; 0730-1600 hours; 12 observers in 6-11 parties. Total party hours - 50 (35 on foot, 15 by car). Total party miles - 185 (43 on foot, 142 by car). Habitats - Sea Coast 21 hours (42%), second growth mixed woods 17 hours (34%), marshland 1½ hours (3%), farms and open fields 10 hours (20%), villages ½ hour (1%).

Conditions: Cloudy all day, temperature 25°F at 0730 rising to 28°-30° by mid-day, wind N 8-10 MPH decreasing to 5-8 MPH by 1400 hours. Ground bare and frozen, fresh water partially frozen, salt water open.

Wild Food Crop: Excellent - bare ground conditions made available an abundance of seeds, spruce cone crop is extremely heavy this year, a striking contrast to the past few years.

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

1 Common Loon	1 Horned Lark
1 Red-throated Loon	5 Grey Jay
2 Red-necked Grebe	<u>95</u> Blue Jay
2 <u>Double-crested Cormorant</u>	<u>34</u> Common Raven
194 Canada Geese	70 Common Crow
205 Black Duck	<u>172</u> Black-capped Chickadee
18 Greater Scaup	<u>44</u> Boreal Chickadee
<u>337</u> Common Goldeneye	<u>27</u> Red-breasted Nuthatch
429 Oldsquaw	<u>66</u> Golden-crowned Kinglet
30 Common Eider	<u>2</u> Ruby-crowned Kinglet
<u>251</u> White-winged Scoter	1 Northern Shrike
<u>11</u> Surf Scoter	52 Starling
<u>100</u> Black Scoter	<u>21</u> Yellow-rumped Warbler
<u>54</u> Common Merganser	<u>1</u> Palm Warbler
90 Red-breasted Merganser	325 House Sparrow
1 Goshawk	1 Rusty Blackbird
1 Rough-legged Hawk	3 Common Grackle
7 Ruffed Grouse	<u>240</u> Brown-headed Cowbird
<u>2</u> Ring-necked Pheasant	<u>3</u> Evening Grosbeak
38 Iceland Gull	15 American Goldfinch
49 Great Black-backed Gull	16 Dark-eyed Junco
233 Herring Gull	<u>23</u> Tree Sparrow
51 Ring-billed Gull	<u>2</u> White-throated Sparrow
<u>3</u> <u>Black-legged Kittiwake</u>	1 Song Sparrow
6 Rock Dove	450 Snow Bunting
3 Mourning Dove	6 Unidentified Song Birds
1 Pileated Woodpecker	45 Unidentified Ducks
2 Hairy Woodpecker	
<u>11</u> Downy Woodpecker	

Total: 54 species, 3,854 individuals. Seen during count period (December 12) 1 Horned Grebe, 1 Mallard, 1 Red-tailed Hawk (S. Tingley)

Observers: Bill Barrow, Rick Blacquiere, Paul Bogaard, Gordon Burns, Ian Cameron, Hinrich Harries, Barry Hughson, Eleanor Magee, Bill Prescott, Al Smith (Compiler), Stuart Tingley, Brian Trenholm.

Comments:

1. Weather conditions were generally favourable and coverage of the count zone was excellent.
2. The late fall of 1974 weather conditions were strikingly similar to 1973. As in 1973 there was an absence of snow cover and a completely open sea coast. The relatively mild conditions of early - mid December undoubtedly accounts for the high number of species and individuals observed during count day.
3. Five species observed were new to the Cape Tormentine Christmas Count.
Red-necked Grebe - 1 observed by G. Burns near Murray Corner and 1 observed by G. Burns and Smith at the Ferry Terminal (extremely close observation for several minutes).
Double-Crested Cormorant - 1 observed by Burns near Murray Corner and 1 observed by Smith at Peacock's Point (close observation - less than 100 yards - observed sitting and flying).
Surf Scoter - 1 observed by Blacquiere and Tingley, 10 observed (in three locations) by Smith and Burns.
Black-legged Kittiwake - 3 observed by Hughson and Barrow - all adults - close observation for several minutes near the coast just west of Cape Spear.
Palm Warbler - 1 bird in full plumage observed for several minutes by Tingley and Blacquiere in an old field near Melrose. The bird exhibiting its characteristic tail-wagging was closely observed for several minutes by the observers. It seemed to be associating with a flock of Black-capped Chickadee.
4. Other species unusual to the Cape Tormentine count but reported in previous years were: Common Loon reported by Bogaard, Magee, Harries near Cape St. Lawrence; Red-throated Loon (Tingley and Blacquiere) near Cape Bruin; Greater Scaup - 6 near Cape St. Lawrence (Bogaard, Magee and Harries) and 12 near Monash Point (Cameron and Prescott); Mourning Dove - 3 sitting on telephone wires on the Murray Road (Trenholm); Pileated Woodpecker - 1 near Little Shemogue Harbour (Tingley and Blacquiere); Rusty Blackbird - 1 at the Melrose dump (Tingley and Blacquiere).
5. Yellow-rumped Warblers have been reported on 10 of the 14 Cape Tormentine counts, however, the 21 birds reported in 1974 is an all time high (previous high - 6 birds reported in 1973). Two birds were reported at their usual location - the Cape Tormentine cottage woodlot by Burns and Smith, however Blacquiere and Tingley observed 19 Yellow-rumped Warblers at two small woodlots along the coast near Cadman's Corner. The observers report that 19 is a minimum and that there could well have been as many as 30. Tingley reports that those birds appeared to be feeding in patches of bayberry (*Myrica pensylvanica*).
6. Despite the abundance of cones, few finches were reported - no crossbills, purple finches, siskins and only 3 grosbeaks (Evening) at Bayfield (Smith and Burns). However chickadees, kinglets and nuthatches were in unusual abundance in forested areas.
7. The number of species observed - 54 - was the second highest (55 in 1973) in the 14 year history of the Cape Tormentine count. The total individual count 3,854 approached the record high of 4,007 last year.

A. D. Smith
December 23, 1974

Mammal Observations: 19 Red Squirrel, 1 Raccoon (tracks), 1 Beaver, 15 Norway Rat (Melrose Dump), 1 Striped Skunk, 2 Snowshoe Hare, 1 Grey Seal (ferry terminal).

Christmas Bird Count
Cape Tormentine, New Brunswick
1973

Area: Cape Tormentine, New Brunswick (46°07' - 63°55'), all points within a 15 mile diameter circle centered 06 miles North of intersection of Trans-Canada Highway, 1.1 miles east of Melrose Post Office, to include Cape Tormentine, Cadman Corner, and Timber River.

Habitat: Sea coast 51%, second growth mixed woodland 28%, farms and other open areas 20%, villages 1%. (Percentages represent the proportion of observer time spent in each habitat type.)

Coverage: December 16, 1973; 0730 - 1630 hours; 11 observers in 5-10 parties.
Total party hours 53 (44 on foot, 9 by car)
Total party miles 153 (54 on foot, 99 by car).

Conditions: Mostly cloudy with sunny intervals near mid-day, temperature 35°F. at 0730 and remaining fairly constant all day, wind N.W. 0 - 5 in a.m. decreasing to light by mid day, ground bare and unfrozen, fresh water partially frozen, salt water open.

Wild Food Crop: Fair, due to lack of snow cover open areas provided excellent foraging for ground feeding species, however the forests were nearly devoid of cones.

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

2 <u>Common loon</u>	17 Grey jay
1 Red-throated loon	<u>51</u> Blue jay
279 Canada geese	<u>75</u> Common Raven
<u>269</u> Black duck	82 Common crow
<u>5</u> Pintail	<u>87</u> Black-capped chickadee
11 <u>Greater scaup</u>	<u>42</u> Boreal chickadee
85 Common goldeneye	<u>2</u> Red-breasted nuthatch
21 Bufflehead	1 <u>Long-billed marsh wren</u>
<u>512</u> Oldsquaw	23 <u>Golden-crowned kinglet</u>
<u>50</u> Common eider	1 <u>Ruby-crowned kinglet</u>
<u>22</u> White-winged scoter	3 <u>Northern shrike</u>
39 Black scoter	11 Starling
<u>134</u> Red-breasted merganser	6 Myrtle warbler
<u>3</u> Goshawk	<u>4</u> Yellowthroat
<u>3</u> Sharp-shinned hawk	408 <u>House sparrow</u>
<u>9</u> Rough-legged hawk	<u>123</u> Brown-headed cowbird
1 Marsh hawk	<u>1</u> Dickcissel
4 Ruffed grouse	<u>31</u> Evening grosbeak
52 Iceland gull	<u>66</u> Common redpoll
<u>116</u> Great black-backed gull	8 Pine siskin
<u>273</u> Herring gull	<u>14</u> American goldfinch
60 Ring-billed gull	8 Slate-coloured junco
4 <u>Bonaparte's gull</u>	<u>2</u> White-crowned sparrow
28 Rock dove	8 Song sparrow
4 Mourning dove	<u>616</u> Snow bunting
1 <u>Belted kingfisher</u>	<u>159</u> Unidentified song birds
1 <u>Yellow-shafted flicker</u>	150 Unidentified ducks
2 Hairy woodpecker	5 Unidentified gulls
4 Downy woodpecker	3 Unidentified warblers
1 Horned lark	4 Unidentified woodpeckers

Total: 55 species, 4007 individuals.

Observers: Bill Barrow, Rick Blacquiere, Paul Bogaard, Gordon Burns, Ian Cameron, Hinrich Harries, Ron Hounsell, Barry Hughson, Reid McManus, Al Smith (Compiler), Stuart Tingley.

Comments:

1. Weather conditions during count day were excellent and coverage of the zone was better than ever before.
2. Record breaking high temperatures during December along with the absence of snow cover and completely open sea coast accounts for the high number of species and individuals reported. Weather and ice conditions during 1973 were in marked contrast to the severe conditions experienced during 1970 - 72.
3. Ten species observed were new to the count zone.
Common Loon - 1 observed by Burns and Bogaard near Murray Corner and the second loon observed by Cameron and McManus off Monash Pt.
Pintail - 5 (3F,2M) observed by Burns, Bogaard and Smith in the impounded area at Cape Jourimain Marsh. The same group of birds were observed there on Nov.18.
Greater scaup - 1 at the Ferry Terminal, Smith, Bogaard and Burns and 10 reported by Harries and Hounsell (3 off Rayworth Beach and 7 off Ephraim Island).
Bonaparte's gull - 4 observed by Barrow and Hughson near the shore at Upper Cape (close observation)
Belted kingfisher - close observation by McManus and Cameron near the highway off Little Shemogue Hbr. Bird was observed for several minutes.
Long-billed marsh wren - was observed and studied for up to 15 minutes by Harries and Hounsell (distance of 10 feet). The bird was feeding in a small cat-tail marsh near Rayworth Beach.
Ruby-crowned kinglet - an individual bird was observed for 3-4 minutes at a distance of 20 feet by Gordon Burns. The bird was located in a small woodlot near the shore.
Yellowthroat - 2 observed by Burns and Smith in the cottage woodlot near Cape Tormentine, 1 reported by Burns in a small grove near the village of Bayfield, and 1 observed by Tingley and Blacquiere.
Dickcissel - close (25-30 feet) observation for several minutes by Smith, the bird was with a small flock of House sparrows and Cowbirds sitting on lobster traps near the Murry Corner Wharf.
White-crowned sparrow - 1 observed in the cottage woodlot at Cape Tormentine by Burns and Bogaard and one at a feeder in Cape Tormentine observed by Smith.
4. Other species unusual to the count but reported in previous years; Bufflehead (Cameron, near Monash Pt.), Red-throated loon (Harries and Hounsell, near Rayworth Beach), Marsh Hawk (Tingley and Blacquiere), Mourning dove (Tingley and Blacquiere, near Murray Corner campsite), Yellow-shafted flicker (Harries and Hounsell at Ephraim Island).
5. Myrtle warblers are usually reported on the Cape Tormentine count, from the cottage woodlot near Cape Tormentine, however, none were observed there this year, rather the six birds reported were observed singly in small coastal woodlots from Cape Spear to Murray Corner. Three Myrtles were reported by Burns, Bogaard and Smith and 3 by Barrow and Hughson. An unidentified warbler observed by Smith and Burns and a second bird of similar description reported by Barrow and Hughson may have been immature Blackpolls, but both birds had to be recorded as unidentified, due to distance and period of observation.
6. The number of species observed - 55 - was the highest ever, exceeding by far the previous high of 43 recorded last year. The total individual count of 4007 more than doubled the previous high of 1688 in 1968.

A.D. Smith
January 5, 1974

CHRISTMAS BIRD COUNT

Cape Tormentine, New Brunswick - 1972

Area: Cape Tormentine, New Brunswick (46°07' - 63°55'), all points within a 15 mile diameter circle centered 0.6 miles North of intersection of Trans-Canada Highway, 1.1 miles east of Melrose Post Office, to include Cape Tormentine, Cadman Corner, and Timber River.

Habitat: Second growth mixed woodland, 34%; farms and other open areas, 26%; shores of Northumberland Strait and Baie Verte, 40%. (Percentages represent the proportion of time spent in each habitat type.)

Coverage: December 20, 1972; 0730 - 1615 hours; 9 observers in 4 - 6 parties. Total party hours 31½ (15½ on foot, 15 by car, ½ by ski-doo). Total party miles 167 (22 on foot, 144½ by car and 1 by ski-doo).

Conditions: Cloudy with sunny intervals, intermittent snow showers in the a.m. Temperature 15°F at 0730 moderating to 20°F by 1400 hours, wind N.E. 5 - 10 mph in early a.m. decreasing to light N.W. by mid-day, 2 - 3 inches fresh snow over 5 - 6 inches crusted snow. Fresh water frozen, salt water frozen with only small open areas between large ice flows.

<u>Count:</u>	1 Canada Goose	41 Black-capped Chickadee
	50 Common Goldeneye	10 Boreal Chickadee
	309 Oldsquaw	1 Robin
	13 Common Eider	3 Golden Crowned Kinglet
	1 Hooded Merganser	1 Northern Shrike
	14 Common Merganser	1 <u>Loggerhead Shrike</u>
	1 Goshawk	52 Starling
	1 Red-tailed Hawk	2 Myrtle Warbler
	1 Rough-legged Hawk	132 House Sparrow
	1 Marsh Hawk	3 <u>Red-winged Blackbird</u>
	2 Glaucous Gull	1 Cowbird
	42 Iceland Gull	3 Evening Grosbeak
	28 Great Black-backed Gull	29 Pine Grosbeak
	35 Herring Gull	20 Redpoll
	1 Ring-billed Gull	1 American Goldfinch
	4 Rock Dove	<u>48</u> Junco
	1 Barred Owl	3 Tree Sparrow
	2 Hairy Woodpecker	1 White-throated Sparrow
	4 Downy Woodpecker	2 Song Sparrow
	1 <u>Black-backed 3-toed Woodpecker</u>	108 Snow Bunting
	44 Blue Jay	49 Unidentified song birds
	29 Common Raven	42 Unidentified waterfowl
	147 Common Crow	1 Unidentified woodpecker

Total: 43 species, 1286 individuals.

Observers: Bill Barrow, Paul Bogaard, Gordon Burns, Ian Cameron, Gary Foshay, Ron Hounsell, Barry Hughson, Al Smith (Compiler), Stuart Tingley.

Comments:

1. Weather conditions during count day were generally favourable and coverage of the count zone was good.
2. Exceptionally cold weather during November and early December no doubt accounts for the heavy ice conditions in the Northumberland Strait leaving only small open areas between the ice flows. Such heavy ice conditions have not previously been encountered on count day, in fact during the period 1965-69 all salt water in the count zone was completely ice free. The heavy ice conditions probably account for the low numbers of ducks and gulls reported in 1972.
3. Three species observed were new to the Cape Tormentine Count - Black-backed 3-toed Woodpecker (Hounsell and Foshay), Loggerhead Shrike (Hughson and Barrow) and Red-winged Blackbird (Burns, Bogaard and Smith). The Loggerhead Shrike was observed for at least 5 minutes by Hughson and Barrow at very close range and was positively identified as a Loggerhead rather than its larger cousin the Northern. Northern Shrikes have been observed every year since 1967 (except 1970) on the Cape Tormentine Count.
4. The occurrence of several "half hardy" species (Robin, White-throated Sparrow, Red-winged Blackbird, Song Sparrow) was indeed surprising considering the severity of weather conditions through much of November and early December.
5. An uncut grain field near Murray Corner provided excellent foraging for a flock of song birds which included the following: 1 Cowbird, 9 Pine Grosbeak, 2 Song Sparrow, 3 Red-winged Blackbird, 16 Snow Bunting, and 16 House Sparrow. An adult male Marsh Hawk was also observed (Smith, Burns, Bogaard) hunting in the same field.
6. Other species not normal to the count were: Canada Goose - observed by Hughson and Barrow near Cape Spear, Hooded Merganser observed at the Ferry Terminal, Barred Owl (Burns and Bogaard) in a small woodlot near Cape Tormentine, American Goldfinch (Hughson and Barrow).
7. Two myrtle warblers were observed (Smith, Burns and Bogaard) in their usual location - the cottage woodlot near the village of Cape Tormentine.
8. The number of species observed - 43 was the highest ever recorded on the Cape Tormentine count.

A. D. Smith
January 3, 1973

CHRISTMAS BIRD COUNT - Cape Tormentine, 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. Gary Foshay, P.O. Box 1412, Sackville, New Brunswick
Mr. Ron Hounsell, P.O. Box 1391, Sackville, New Brunswick
Mr. Barry Hughson, P.O. Box 623, Sackville, New Brunswick
Mr. Al Smith, P.O. Box 1465, Sackville, New Brunswick (Compiler)
Mr. Stuart Tingley, Aulac, New Brunswick

CHRISTMAS BIRD COUNT

Cape Tormentine, N.B. - 1971

Area: Cape Tormentine, N.B. ($46^{\circ}07'$ - $63^{\circ}55'$), all points within a 15 mile diameter circle centered 0.6 miles North of intersection of Trans-Canada Highway 1.1 miles east of Melrose Post Office, to include Cape Tormentine, Cadman Corner, and Timber River.

Habitat: Second growth mixed wood, 28%; farms and other open areas, 32%; shores of Northumberland Strait and Baie Verte, 40%. (Percentages represent the proportion of time spent in each habitat.)

Coverage: December 20, 1971; 0730-1600 hours; 7 observers in 3-6 parties. Total party hours $24\frac{3}{4}$ (13 on foot, $11\frac{3}{4}$ by car). Total party miles 162 ($22\frac{1}{2}$ on foot, 140 by car).

Conditions: Cloudy with sunny intervals in the early morning. Temperature -10° at 7:00 a.m., moderating to 20°F by 1600 hours, wind light S-SE in p.m., 2-6 inches snow cover. Fresh water frozen, salt water mostly frozen (large ice flows).

Count:

1 <u>Canada Goose</u>	10 Grey Jay
17 Black duck	20 Blue Jay
7 Common Goldeneye	71 Common Raven
<u>335</u> Oldsquaw	11 Common Crow
3 Common Eider	75 Black-capped Chickadee
35 White-winged Scoter	15 Boreal Chickadee
1 Common Merganser	1 Robin
45 Red-breasted Merganser	6 Golden-crowned Kinglet
1 Goshawk	3 Northern Shrike
3 <u>Red-tailed Hawk</u>	25 Starling
<u>27</u> Rough-legged Hawk	1 Myrtle Warbler
3 Ruffed Grouse	183 House Sparrow
4 Glaucous Gull	4 <u>Rusty Blackbird</u>
136 Iceland Gull	14 Pine Grosbeak
41 Great Black-backed Gull	129 Redpoll
30 Herring Gull	13 Junco
1 Ring-billed Gull	6 Tree Sparrow
36 Rock Dove	58 Snow Bunting
1 <u>Snowy Owl</u>	79 Unidentified Duck species
1 Pileated Woodpecker	1 Unidentified Owl species
3 Hairy Woodpecker	1 Unidentified Warbler species
1 Downy Woodpecker	18 Unidentified Song Birds
1 Horned Lark	

Total: 41 species, 1477 individuals.

Observers: Paul Bogaard, Gordon Burns, Ross Hall, Ron Hounsell, Colin Paterson, Keith McAloney, Al Smith (Compiler).

Comments:

1. Four species observed were new to the Cape Tormentine Count - Canada Goose, Red-tailed Hawk, Snowy Owl and Rusty Blackbird. The lone Canada Goose was observed off Cape Jourimain Island (possibly a cripple) by Burns, Bogaard and Smith. The Snowy Owl was observed along the Trans-Canada Highway near Melrose by Hall and McAloney and the four Rusty Blackbirds were observed at a feeder in the village of Cape Tormentine.
2. The Myrtle Warbler was observed by Burns in the cottage woodlot near the village of Cape Tormentine. The second warbler (unidentified) was observed too briefly for identification, but was in the same location and was most likely a Myrtle. Single Myrtle Warblers (4 in 1966) have been seen in that woodlot on count days in 1961, 1964, 1966, 1967, and 1970 and count period in 1968.
3. The number of species observed - 41, tied with the previous high in 1966. The total number of individuals, 1477, was exceeded only by the 1968 total of 1688. Sizeable increases in numbers of Oldsquaw and Rough-legged Hawk were recorded. The 1971 total of 27 Rough-legged Hawks exceeded by 23 the previous high count in 1967. The high Rough-legged Hawk count and the appearance of the Snowy Owl on the count for the first time is undoubtedly attributed to a peak population year for lemmings in the Arctic.
4. Northern Shrike have been observed during four of the last five years of the count and none previous to 1967.
5. The total absence of spruce cones probably contributed to the general scarcity of finches.
6. Conditions were generally favourable and coverage of the count zone was better than ever.

A. D. Smith
December 22, 1971

CHRISTMAS BIRD COUNT

Cape Tormentine, N.B. - 1970

Area: Cape Tormentine, N.B. ($46^{\circ}07'$ - $63^{\circ}55'$), all points within a 15 mile diameter circle centered 0.6 miles North of intersection of Trans-Canada Highway 1.1 miles east of Melrose Post Office, to include Cape Tormentine, Cadman Corner, and Timber River.

Habitat: Second growth mixed wood, 30%; farms and other open areas, 30%; shores of Northumberland Strait and Baie Verte, 40%.

Coverage: 23 December, 1970; 0745-1500 hours; 4 observers in 2 parties. Total party hours 13 (6 on foot, 7 by car). Total party miles 108.5 (6.5 on foot, 102 by car).

Conditions: Clear and cool, light snow showers in late afternoon; $40-15^{\circ}\text{F.}$, wind NW 10 m.p.h.; 30-35 inch snow cover. Most fresh and salt water frozen.

Count:

1	<u>Cormorant</u> sp.(prob. Great)	3	Gray Jay
21	Common Goldeneye	13	Blue Jay
111	Oldsquaw	33	Common Raven
17	Red-breasted Merganser	116	Common Crow
1	Goshawk	30	Black-capped Chickadee
2	Sharp-shinned Hawk	1	Red-breasted Nuthatch
1	Rough-legged Hawk	1	Nuthatch sp.
2	Ruffed Grouse	3	Brown Creeper
2	Glaucous Gull	5	Golden-crowned Kinglet
120	Iceland Gull	25	Starling
13	Great Black-backed Gull	1	<u>Myrtle Warbler</u>
37	Herring Gull	42	House Sparrow
2	Ring-billed Gull	1	Evening Grosbeak
1	Rock Dove	3	Pine Grosbeak
1	Hairy Woodpecker	1	Common Redpoll
2	Downy Woodpecker	2	Tree Sparrow
		12	Snow Bunting
		13	Unidentified Song Birds

Total: 32 species, 639 individuals

Observers: Gordon Burns, Ronald Hounsell, A. D. Smith (compiler), Bill Whitman.

Comments:

1. Conditions during count day were generally favourable; however, the deep snow cover made walking difficult even with snow shoes. The prolonged cold period of early December solidly froze most fresh and salt water. Normally Northumberland Strait and most of Baie Verte is ice free during the count, but only extremely small patches of open water were present between ice flows in 1970. Such severe winter conditions of ice and snow have never occurred during the past ten years of the Cape Tormentine count.
2. Two species were new to the Cape Tormentine count; Goshawk and Cormorant. The cormorant was only briefly observed by Burns and Smith at the Ferry Terminal and could not be identified to species; however, it was most likely a Great Cormorant.
3. Despite the long periods of cold weather in early December, a Myrtle Warbler was observed as in past years, in a small woodlot near Cape Tormentine.
4. With the exception of Oldsquaw and Common Crow, numbers of most regular species observed on the Cape Tormentine count were down in 1970. The number of individuals, 639, was the lowest over the ten year history of the count.
5. Despite the fact that most conifers were heavily laden with cones, few forest birds were observed.

A. D. Smith
Wildlife Biologist
Canadian Wildlife Service

January 6, 1971
Sackville, N.B.

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CHRISTMAS BIRD COUNT - Cape Tormentine, N.B. - 1969

Area: Cape Tormentine, N.B. (46°07' - 63°55'), all points within a 15 mile diameter circle centered 0.6 miles N. of intersection of Trans-Canada Highway 1.1 miles east of Melrose Post Office, to include Cape Tormentine, Cadman Corner and Timber River.

Habitat: Second growth mixed wood, 20%; farms and other open areas 30%; shores of Northumberland Strait and Baie Verte 45%; villages of Cape Tormentine and Bayfield 5%.

Coverage: 22 December, 1969; 0800 - 1600 hours; 3 observers in 2 - 3 parties. Total party hours 13 (6 on foot, 7 by car). Total party-miles 101 (9 on foot, 92 by car).

Conditions: Cloudy, temperature 25-35°F., Intermittent rain in p.m.; wind N.W. 10-15 mph.; 2-6" snow cover, fresh water frozen, salt water open.

Count:

14 Common goldeneye	23 Common crow
1 <u>Bufflehead</u>	19 Black-capped chickadee
60 Oldsquaw	6 Boreal chickadee
4 Common eider	1 Robin
6 Common scoter	2 Northern shrike
1 <u>Hooded merganser</u>	4 Starling
5 Red-breasted merganser	136 House sparrow
1 Rough-legged hawk	14 Evening grosbeak
12 Glaucous gull	38 Pine grosbeak
151 Iceland gull	132 Common redpoll
53 Great black-backed gull	28 White-winged crossbill
135 Herring gull	4 Junco
62 <u>Ring-billed gull</u>	13 Tree sparrow
1 <u>Black-headed gull</u>	2 <u>Song sparrow</u>
2 Rock dove	151 Snow bunting
30 Blue jay	200+ Unidentified diving ducks
15 Common raven	6 Unidentified song birds

Total - 32 species, 1332 individuals

Observers: Al Smith (compiler), Ron Hounsell, Jon VanZoost.

Comments:

1. Above average fall temperatures and thus the open condition of the sea probably accounts for the large numbers of ducks observed. The 200+ unidentified ducks were probably eider, but were too far away for positive identification.
2. The single Bufflehead was observed by Smith and VanZoost at Murray Corner, while Hounsell observed the single Hooded merganser at Upper Cape.
3. The Black-headed gull was observed by Smith and VanZoost sitting on the ice near Cape Jourimain with a flock of 61 Ring-billed gulls and 12 Herring gulls. The bird was under observation for 10 minutes at a distance of approximately 50 yards.
4. VanZoost observed a Song sparrow at Cape Tormentine and Hounsell saw one at Upper Cape.

December 29, 1969

A. D. Smith
Wildlife Biologist

CHRISTMAS BIRD COUNT - Cape Tormentine, N.B. - 1968

Area: Cape Tormentine, N.B. (46°07' - 63°55'), all points within a 15-mile diameter circle centered 0.6 miles N. of intersection of Trans-Canada Highway 1.1 miles east of Melrose Post Office, to include Cape Tormentine, Cadman Corner and Timber River.

Habitat: Second growth mixed wood, 34%; farms and other open areas 30%; shores of Northumberland Strait and Baie Verte 32%; villages of Cape Tormentine and Bayfield 4%.

Coverage: 22 December, 1968; 0730 - 1600 hours; 4 observers in 2 parties. Total party hours 17 (10½ on foot, 6½ by car). Total party-miles 105 (13 on foot, 92 by car).

Conditions: Cloudy, temperature 25-28° F., wind W.0-8 mph.; ground bare, fresh water frozen, salt water open.

<u>Count:</u> 17 Black Duck	60 Black-capped Chickadee
335 Common Goldeneye	26 Boreal Chickadee
142 Oldsquaw	1 Brown Creeper
13 White-winged Scoter	4 Robin
1 Red-breasted Merganser	10 Golden-crowned Kinglet
3 Rough-legged Hawk	1 Northern Shrike
1 Hawk sp.	1 Starling
3 Ruffed Grouse	177 House Sparrow
10 Glaucous Gull	23 Evening Grosbeak
105 Iceland Gull	93 Pine Grosbeak
63 Great Black-backed Gull	142 Common Redpoll
278 Herring Gull	22 Pine Siskin
3 Ring-billed Gull	5 American Goldfinch
12 Rock Dove	32 White-winged Crossbill
1 Hairy Woodpecker	18 Slate-coloured Junco
2 Downy Woodpecker	1 Tree Sparrow
5 Grey Jay	1 Snow Bunting
23 Blue Jay	
28 Common Raven	1,688 Total individuals
26 Common Crow	36 Species

Seen in area in count period but not on count day: Myrtle Warbler.

Observer: Rick Anderson, Ron. Hounsell, Keith McAloney, Al Smith (compiler).

Comments on the Cape Tormentine Christmas Bird Count - 1968

1. Habitat percentages represent the proportion of time spent in each habitat. They are approximately the same as those in 1967.
2. Mean temperatures have been above normal throughout the fall and the ground was completely bare on count day.
3. In contrast to 1967 finches were relatively common in 1968. Common Redpoll and Pine Grosbeak were the most abundant.
4. The open condition of the sea and mild temperatures probably account for the large number of goldeneye observed. More White-winged Scoter were observed in 1968 than in former years.
5. The number of species (36) was two higher than 1967 and is the second highest species count in the history of the Cape Tormentine count zone. The number of individuals was a new record high. Species with large increases in numbers over 1967 were Herring Gull, Common Goldeneye, Black-capped Chickadee, Pine and Evening Grosbeaks. House Sparrows were down from 1967 and only one Starling was observed in 1968 in contrast to 62 in 1967.

A. D. Smith
Wildlife Biologist

Sackville, N.B.
January 2, 1969

CHRISTMAS BIRD COUNT - CAPE TORMENTINE, N. B. - 1966⁷

Area: All points within a 15-mile diameter circle centered 0.6 mi. N. of intersection on Trans-Canada Highway (N.B. 16) 1.1 miles east of Melrose Post Office, to include Cape Tormentine, Cadman Corner, and Timber River.

Habitat: Second-growth mixed wood, 28%; farms and other open areas, 39%; shores of Northumberland Strait and Baie Verte, 28%; villages of Cape Tormentine and Bayfield, 5%.

Coverage: 21 December, 1967; 0730-1630 hours; 4 observers in 2 - 3 parties. Total party-hours 25 (17½ on foot, 7½ by car). Total party-miles 123½ (23½ on foot, 100 by car).

Conditions: Fine; wind W. 10-15 mph.; temperature 22-25°; ground bare to snow patches in open, 1 - 2 inches old snow in sheltered areas; fresh water frozen, most salt water open.

Count:

<u>Red-throated Loon</u>	1	Hairy Woodpecker	2
Black Duck	39	Canada Jay	1
Common Goldeneye	3	Blue Jay	22
Oldsquaw	130	Raven	48
Common Eider	22	Crow	32
Red-breasted Merganser	5	Black-capped Chickadee	22
ducks (sp.)	93	Boreal Chickadee	26
Sharp-shinned Hawk	1	Robin	4
Rough-legged Hawk	4	Golden-crowned Kinglet	5
<u>Marsh Hawk</u>	1	Northern Shrike	1
Ruffed Grouse	1	Starling	62
Glaucous Gull	6	Myrtle Warbler	1
Iceland Gull	113	House Sparrow	241
Great Black-backed Gull	55	Cowbird	1
Herring Gull	154	Evening Grosbeak	3
Ring-billed Gull	4	Pine Grosbeak	16
gull (sp.)	28	Junco	1
Rock Dove	68	Tree Sparrow	1
		TOTAL	1,217

Observers: P. Dean, A. J. Erskine, R. Hounsell, A. D. Smith.

Comments on Cape Tormentine count, 1967.

1. Habitat percentages in this report represent the proportion of time spent in each habitat, as in 1966. Relatively less time was spent in the woods and more in the open and along shores than in the preceding year.
2. Mean temperatures this fall (at Moncton, N.B., 30 miles to the west) have been generally above normal, although less so than in 1966. The sea was largely open, as in 1966, and for the first time the ground was almost bare. Nevertheless, "half-hardy" species were not at all evident in 1967, in marked contrast to 1966. Only Red-throated Loon, Marsh Hawk, Ring-billed Gull, and Myrtle Warbler fall into this category.
3. Cold weather farther north earlier in the autumn may have been responsible for the presence of species such as Rough-legged Hawk and Northern Shrike, but a high vole population almost certainly contributed to the former species' abundance. The almost total absence of spruce cones probably contributed to the scarcity of finches, and Redpolls were missed for the first time in seven years. The absence of ground-feeding sparrows is not known to be correlated with scarcity of weed seeds.
4. The number of species found was the highest except in 1966, while the number of individuals was a new record high. Nevertheless, the number of species showing decreases was greater (29 vs. 19) than the number showing increases. Relatively large increases were found only in Black Ducks, Oldsquaws (and unidentified diving ducks), Herring Gulls, and House Sparrows, while sizable decreases were listed for Iceland Gulls (and unidentified gulls) and for Starlings. Other changes were small.
5. Since there has been no construction on the Prince Edward Island causeway/bridge since the last count, the area as a wintering habitat for water birds is unaltered in the past year.

Sackville, N.B.
22 December 1967.

A. J. Erskine.

CHRISTMAS BIRD COUNT - CAPE TORMENTINE, N.B. - 1966

Area: All points within a 15-mile diameter circle centered at intersection on Trans-Canada Highway (N.B. 16) 1.1 miles east of Melrose Post Office, to include Cape Tormentine, Cadman Corner, Timber River.

Habitat: Second-growth mixed wood, 36.5%; farms and grassland, 34.6%; shores of Northumberland Strait and Baie Verte, 23.1%; villages of Cape Tormentine and Bayfield, 5.8%.

Coverage: 28 December, 1966; 0800-1705 hours; 2 observers. Total party-hours 13 (8 1/2 on foot, 4 1/2 by car). Total party-miles 63 (13 on foot, 50 by car).

Conditions: Light snow a.m., sunny, p.m., wind NW 0-10 m.p.h. 2-4 inches fresh snow over 6-8 inches hard crusted snow; most fresh water frozen, most salt water open.

Counts:

Oldsquaw	31	Raven	23
Common Eider	37	Crow	32
Common Merganser	4	Black-cap. Chickadee	17
Red-br. Merganser	16	Boreal Chickadee	8
Sharp-shinned Hawk	1	Red-br. Nuthatch	1
Rough-legged Hawk	1	Robin	1
Spruce Grouse	1	Golden-cr. Kinglet	23
Ruffed Grouse	2	Starling	152
Purple Sandpiper	4	Myrtle Warbler	4
Iceland Gull	199	House Sparrow	79
Gt. Black-backed Gull	69	Meadowlark	3
Herring Gull	142	Grackle	1
Ring-billed Gull	21	Cowbird	3
Black-headed Gull	1	Redpoll	8
gull (sp.?)	60	Goldfinch	12
Rock Dove	15	White-w. Crossbill	2
Mourning Dove	9	Junco	22
Flicker	1	Tree Sparrow	25
Downy Woodpecker	1	White-thr. Sparrow	1
Horned Lark	3	Song Sparrow	1
Canada Jay	2		
Blue Jay	10	Total	1,048

Observers: A. J. Erskine and R. Fyfe.

CHRISTMAS BIRD COUNT - CAPE TORMENTINE, N.B. - 1966

Area: All points within a 15-mile diameter circle centered at intersection on Trans-Canada Highway (N.B. 16) 1.1 miles east of Malrose Post Office, to include Cape Tormentine, Cadman Corner, Timber River.

Habitat: Second-growth mixed wood, 36.5%; farms and grassland, 34.6%; shores of Northumberland Strait and Baie Verte, 23.1%; villages of Cape Tormentine and Bayfield, 5.8%.

Coverage: 28 December, 1966; 0800-1705 hours; 2 observers. Total party-hours 13 (8 1/2 on foot, 4 1/2 by car). Total party-miles 63 (13 on foot, 50 by car).

Conditions: Light snow a.m., sunny, p.m., wind NW 0-10 m.p.h. 2-4 inches fresh snow over 6-8 inches hard crusted snow; most fresh water frozen, most salt water open.

Count:

Oldsquaw	31	Raven	23
Common Eider	37	Crow	32
Common Merganser	4	Black-cap. Chickadee	17
Red-br. Merganser	16	Boreal Chickadee	8
Sharp-shinned Hawk	1	Red-br. Nuthatch	1
Rough-legged Hawk	1	Robin	1
Spruce Grouse	1	Golden-cr. Kinglet	23
Ruffed Grouse	2	Starling	152
Purple Sandpiper	4	Myrtle Warbler	4
Iceland Gull	199	House Sparrow	79
Gt. Black-backed Gull	69	Meadowlark	3
Herring Gull	142	Grackle	1
Ring-billed Gull	21	Cowbird	3
Black-headed Gull	1	Redpoll	8
gull (sp.?)	60	Goldfinch	12
Rock Dove	15	White-w. Crossbill	2
Mourning Dove	9	Junco	22
Flicker	1	Tree Sparrow	25
Downy Woodpecker	1	White-thr. Sparrow	1
Horned Lark	3	Song Sparrow	1
Canada Jay	2		
		Total	<u>1,048</u>

Observers: A. J. Erskine and R. Fyfe.

Five-Year Summary - Cape Tormentine Christmas Bird Counts - 1961-65

Area: 15 mile diameter circle centered at intersection on Trans-Canada Hwy (N.B.16) 1.1 miles east of Melrose P.O., to include Cape Tormentine, Cadman Corner, Timber River; habitat largely second-growth mixed woods, farms, and seashore.

	1961 22/12	1962 22/12	1963 23/12	1964 22/12	1965 22/12
	obs. 4 in 1-3p. hr. 13f, 7c mi. 17f, 114c snow 3" new temp. 20-30° wind 5-15	5 in 2-3 9f, 8c 16f, 106c 4-8" 5-20° 2-10	5 in 1-4 13f, 8c 18f, 121c 0-3' drifts 5-20° 0-5	5 in 2-5 15f, 11c 19f, 92c 3"-3' drifts 11-20° 0-10	2 in 1-2 7f, 51c 9f, 64c 2-4" 12-20° 5-10
Black Duck	12				
C. Goldeneye	5		2	3	1
Bufflehead	3				
Oldsquaw	54	82	91	216	20
Com. Eider	15	1	1	3	9
W-w. Scoter		1			
C. Merganser	1				
R-b. Merganser	1	3	73	1	
duck (sp.?)					6
Pigeon Hawk			1		
hawk (sp.?)	1				
Spruce Grouse			1		
Ruffed Grouse		1		6	2
Pheasant			1	1	
Glaucous Gull	23	14			
Iceland Gull	104	146	150	53	110
Gt. Bl-b. Gull	85	20	40	24	63
Herring Gull	194	68	150	52	218
Ring-billed Gull	2				
Rock Dove	15	4	3	13	3
Barred Owl			1		
Pileated Wdpr.		1			
Hairy Woodpecker		1	2		
Downy Woodpecker	2				
Horned Lark		2			
Canada Jay			3		1
Blue Jay	22	19	31	2	17
Raven	90	64	115	57	23
Crow	7	4	12	12	2
Bl-cap. Chickadee	30	2	44	8	17
Boreal Chickadee	9	7	9	7	2
Brown Creeper			1		
Robin	1				
Golden-cr. Kinglet	1	8	8	41	17
Starling	49	35	92	58	40
Myrtle Warbler	1			1	
House Sparrow	172	137	165	100	112
blackbird (sp.?)				3	
Cowbird			21		
Evening Grosbeak	2		1		
Purple Finch				57	
Pine Grosbeak	33			4	
Redpoll	138	2	4	41	15
Goldfinch				1	
Wh-w. Crossbill			12	36	4

	1961	1962	1963	1964	1965
Junco	19	36	19	9	
Tree Sparrow	4	8	5	1	1
Song Sparrow		1	1		
Lapl. Longspur		1			
Snow Bunting		200		41	
- fringillid (sp.?)	11	7	12	1	
Total species	30	27	30	29	20
Individuals	1106	875	1071	852	682

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