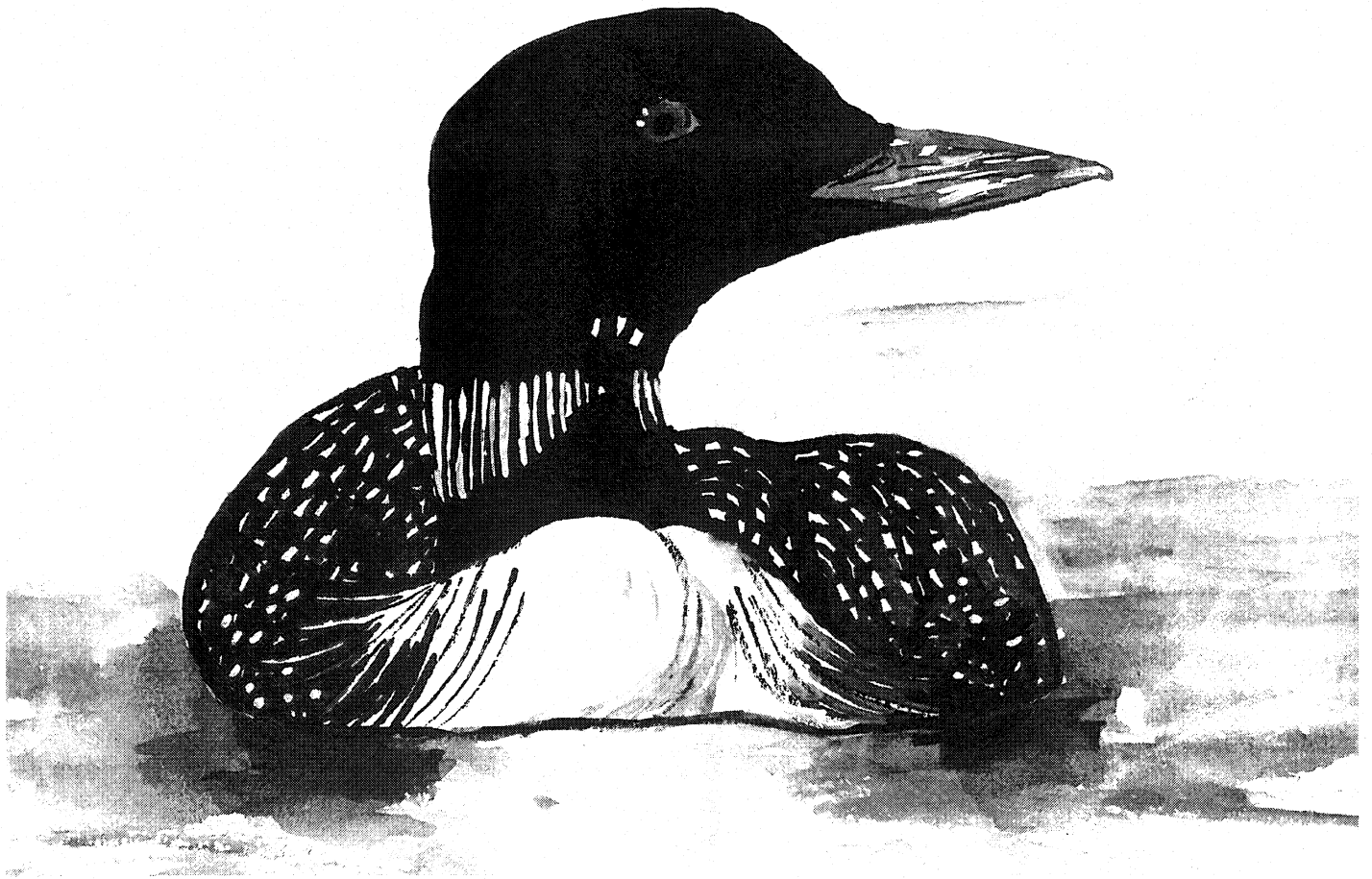


Nova Scotia Birds

A Quarterly Publication of the Nova Scotia Bird Society



Spring 2008

(The Birds of Winter)

NOVA SCOTIA BIRD SOCIETY

Executive 2007-2008



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Formed in 1955, the Nova Scotia Bird Society is a member of Nature Nova Scotia and Nature Canada. The activities of the Society are centered on the observation and study of the bird life of this province and the preservation of habitat.

Nova Scotia Bird Society
c/o Nova Scotia Museum,
1747 Summer Street,
Halifax, N.S. B3H 3A6

Rare Bird Alert: <http://groups.yahoo.com/group/NS-RBA/>
Email: nsbs@chebucto.ns.ca
Web: <http://nsbs.chebucto.org>

Reporting Deadlines

Winter 2009 issue: Dec. 7, 2008
Spring 2009 issue: Mar. 7, 2009

Summer 2008 issue: June 7, 2008
Fall 2008 issue: Aug. 7, 2008

Inside This Issue

Special points of interest:

- President's Corner
- Winter Bird Reports
- 2007-08 Christmas Bird Counts
- Trip Reports

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NOVA SCOTIA BIRDS
SPRING 2008

Editor

Blake Maybank

Production Assistant

Sterling Levy

Records Editor

Lance Laviolette

Photo Editor

Ian McLaren

Events Editor

Suzanne Borkowski

Seasonal Bird Reports

John Belbin

Ulli Höger

Eric Mills

Ken McKenna

Ian McLaren

Susann Myers

Dorothy Poole

Hans Toom

Banner Artist

Trevor Herriot

Other Help

Uli Höger

Peter LeBlanc

Bird Reports to

Lance Laviolette

RR #1, Glen Robertson, ON

KOB1H0

lance.laviolette@lmco.com

Photo Submissions to

Ian A. McLaren

Photo Editor, NS Birds

Biology Department

Dalhousie University

Halifax, NS, B3H4J1

iamclar@dal.ca

All Other Items to

Blake Maybank

Editor, NS Birds

144 Bayview Drive

White's Lake, NS. B3T 1Z1

maybank@ns.sympatico.ca

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THE SPOTTING SCOPE

The delay in getting this issue into your hands is entirely my fault, for which I apologise.

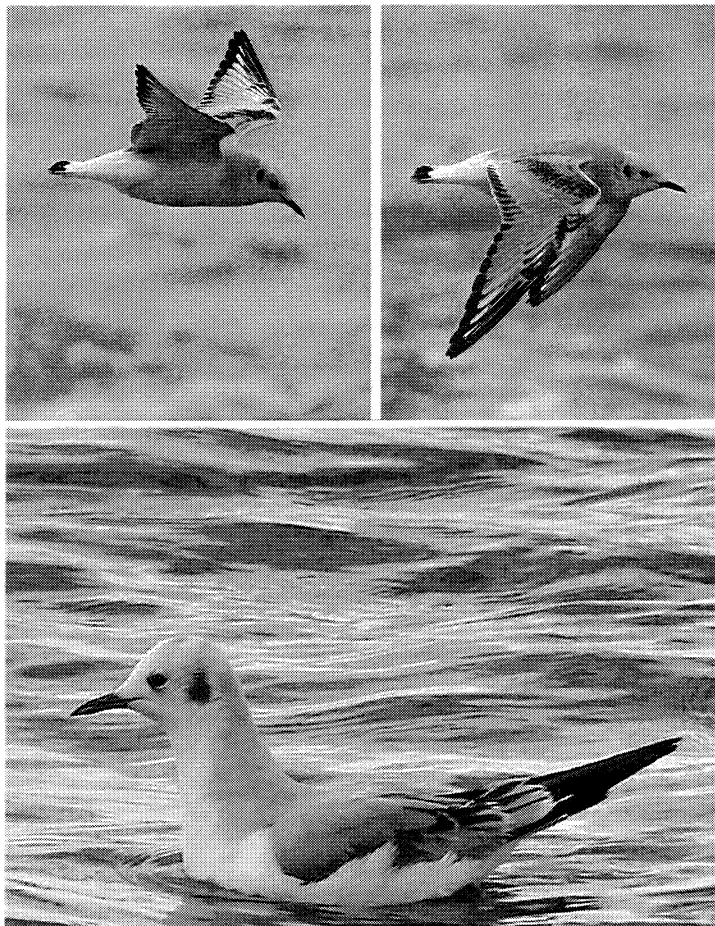
And as we are on the subject of apologies, here is a correction from Ian McLaren, our photo editor, with respect to the Winter 2008 issue of Nova Scotia Birds.

"I apologize for switching the attribution of the two lower photos on p.12. The flying White-fronted Goose in the lower left panel is by Allan Murrant, and the lower right group by Ian McLaren."

On a positive note I welcome John Belbin to these pages, as he takes on the seasonal analysis of two sections: Waterfowl; and Loons and Grebes. He started with the winter season, always a busy time for these two groups of birds, and has acquitted himself well.

"Nova Scotia Birds" is produced in black-and-white for economic reasons, but I think all our readers would prefer to view the birds photos in colour. That might not ever be possible within the pages of the magazine, but we are investigating putting copies of the photos on a web site so you can view them in their original glory. We'll let you know as plans proceed.

Until then there is atlassing to be done. Enjoy the breeding season. □



The BONAPARTE'S GULL in flight at Hartlen Pt., HRM, in late January, has whitish underwings, except for the black outer primaries. The swimming bird shows its grey nape and slight, black bill – all good distinctions from the more commonly wintering Black-headed Gull. [Photos: top Bernard Burke; bottom, Rita Viau.]

We acknowledge the financial support of the Government of Canada, through the Publications Assistance Program, toward our mailing costs.



President's Corner

Your Membership Card is included with this issue!

Many thanks to our Membership Secretary, Ulli Höger, for designing and producing these cards! Use your new Nova Scotia Bird Society membership card to obtain a 10% discount at the Brier Island Lodge every time you stay there. Show your card to your Christmas Bird Count Compiler and save one \$5.00 Audubon fee per Student or Individual Membership or two \$5.00 fees per Family Membership. And, you'll need your membership ID number to file your claim for a Charitable Tax Receipt for your Atlassing expenses.

Atlas season is upon us. Once again, we are offering charitable income tax receipts for atlassing expenses. If you missed filing with us last year, you can claim previous expenses this year. Keep track of your mileage and hang on to receipts for your out-of-pocket expenses: meals, overnight accommodation, etc. To make this easier, you might want to download our travel log from the "Cork Board" on our website to record your trips: <http://nsbs.chebucto.org>. If you don't have access to a computer, we'll be happy to mail the forms to you. Just drop us a line at the address inside the front cover of this magazine.

DEADLINE for receipt of Application, Travel Log and your cheque for 2008 as well as for previous years is NOVEMBER 01.

A new edition of our field checklist is now available. We've gone back to the older format of having one list with rarities denoted by asterisks instead of separately on the back page. We've added several new species which are being seen more often lately (from Blake Maybank's list of recorded species in NS over the last 5 years) and reclassified some as rare or even exceptionally rare. Due to increased printing costs, the new "gold" checklists will be 50 cents each or 5 for \$2.00. If you request them by mail, please add one dollar for postage. They will also be available at our monthly meetings and on field trips from President Suzanne Borkowski. You can also purchase them from your Area Representative. We still have some blue "50th Anniversary" checklists left, and we'll continue to sell those at the regular price of 50 cents each or 3 for \$1.00 until Aug 1st or until they run out, whichever comes first. As of Aug. 1st only gold checklists will be sold.

The Nova Scotia Bird Society will be making a donation to the St. Mary's University Scholarship fund, in memoriam, for Gareth Akerman. Gareth was a member of the Bird Society who participated in Christmas Bird Counts, attended field trips, and provided Atlas data to several Regional Coordinators, including myself. Those who knew Gareth were profoundly shocked and saddened by his untimely death. If you would like to make a personal donation for Gareth Akerman, just follow the link below for instructions and contact information: <http://www.smu.ca/administration/development/gift.html>

Here's a news item on two of our younger members: Kier Shackleton Gigeroff has been accepted into a new program offered by Bird Studies Canada: the Young Ornithologists' Internship Program. Kier, and his friend, Luc Berrigan, attended the Young Ornithologists' Workshop last year at the Long Point Bird Observatory in Ontario. The Internship program is the next level. Luc will be helping the bird banders on Bon Portage Island this summer. Congratulations to both of you!

Don't forget this year's birding challenge! Create a sanctuary for wild birds. Native plantings, sources of food and water, cover and overall attractiveness are what we'll be looking for. Send your photos (before and after, if possible) to: suzanneborkowski@yahoo.ca or mail photos to 18 Parmbelle Lane, Halifax, NS B3M 1N3 by August 1st. Entries will be judged by Sterling Levy, Past President of the Nova Scotia Garden Club and long-time member of the Bird Society. Photos of the winning entry will be published in Nova Scotia Birds.

Have a great summer, everyone! ☺

Suzanne Borkowski
President
Nova Scotia Bird Society

EXECUTIVE PROFILE

Barbara Hinds

Barbara Hinds has been on the Executive of the Nova Scotia Bird Society for the last 11 years, and a member of the Bird Society for almost 50 years! She's an avid and knowledgeable birder, a gracious lady, and a warm, compassionate person with a unique sense of humour.

She was born in a rural community near Liverpool, England in 1924, and can't remember a time when she wasn't interested in birds. She used to wander down a hawthorn-lined lane near her home looking and listening for birds. When she was required to give a speech at school, her topic was birds, and their nests and eggs. She was nine years old.

She came to Canada in 1956 and took a job as a journalist with the Halifax Herald. She wrote a birding column for the Herald from 1987 to 2000, which was illustrated by Azor Vienneau. When she retired her column was taken over by Blake Maybank. In 1968 she started a Breeding Bird Survey which she continued to run for thirty years. She loved to go out on field trips and was often seen out birding with her good friend Sylvia Fullerton. She participated in Christmas Bird Counts and Spring Migration Counts, and was a participant in the first Maritime Breeding Bird Atlas. Though not quite as active now, she still loves to bird, and can't resist the occasional foray down a tree-lined lane.

She loves to travel. Her absolute favourite destination is the Eastern Arctic where, on several occasions, she visited settlements on the Hudson Strait and in Frobisher Bay. "You feel like you're standing at the ends of the earth...it's so peaceful and beautiful!" she said on one of her visits.

Barbara has been a great asset on the Board of the Society. Her knowledge of past events and her insight into people and situations has proven invaluable. If you haven't had the pleasure of meeting Barbara yet, approach her the next time you see her at a meeting. You'll be glad you did!

Suzanne Borkowski
President, Nova Scotia Bird Society



This WILLET managed to survive at Glace Bay for much of winter (here Dec. 4). Its long bill and legs (even when crouched) and relatively uniform grey plumage mark it as a "Western" Willet, subspecies *inornatus*, which is the only form known to winter on the E. Coast. [Photo Angus MacLean].

Win a once in a lifetime trip to fabled SABLE ISLAND!!

Would you like the chance to journey to the legendary Sable Island? This remarkable place, 160 kilometers off the coast of Nova Scotia, is steeped in history, both natural and marine. It is a rare opportunity; access is restricted in order to protect the extraordinary life that exists on the island. In addition to the famous Sable Island horses, there are over 175 plant species, seabirds, seals, and the ever present memory of shipwrecks.

Two Grand Prizes: Each winning ticket takes two to Sable Island on August 25th, 2008.

Includes: – Lodging night before departure (Hilton Garden Airport Hotel)

- Chartered Plane Flight
- Guided Walking Tour of the island
- Gourmet Picnic, snacks, and beverages

Only 350 tickets will be sold at \$50.00 each. Draw date: July 19th, 2008

Tickets available at **Hanna's Books, Tatamagouche**. Telephone: 902-657-2024 or E-mail: suleah@pchg.net

Sponsored by **Read by the Sea Literary Festival, River John, NS**.

For further information see: www.readbythesea.ca

ANNOUNCEMENT

The Hope for Wildlife Society's new Birds of Prey Program



The Hope for Wildlife Society's new Bird Nursery

In the winter of 2007 the Atlantic Raptor Rehabilitation Centre (ARRC) donated its flight cages to the Hope for Wildlife Society, as the ARRC was planning to close in June of that year. The Hope for Wildlife Society volunteers dismantled the flight cages and trucked the materials to its facilities in Seaforth. The volunteers unloaded and sorted the lumber, trusses, and wire, and began construction of the flight building, which had to meet the Nova Scotia Department of Natural Resources new standards. The building, 100 feet long, 20 feet tall, and 25 feet wide, is the largest and only one of its kind in Nova Scotia.

The Hope for Wildlife Society's Birds of Prey Program, for the rehabilitation of injured and orphaned birds of prey, was officially launched in July 2007. It has been a great success. From estimates obtained from the ARRC, we expected to care for an average of 30 raptors per year. However, since July, the Hope for Wildlife Society has cared for 52 birds of prey, representing 10 different species. So far, we have cared for 11 Bald Eagles, 3 Great horned Owls, 2 Kestrels, 8 Merlins, 7 Sharp-shinned Hawks, 2 Ospreys, 3 Goshawks, 2 Broad winged Hawks, 6 Barred Owls, and 8 Saw-whet Owls. Many of these magnificent birds have been released back into the wild. The most recent release took place on Sunday, January 27 in Sheffield Mills. Many birders were in attendance to see the young eagle swoop over their heads and into the trees. The front page article in the Chronicle Herald and a video of the release can be found on the Society's website: www.hopeforwildlife.net.

The Hope for Wildlife Society is in the process of creating a separate bird nursery. In the past, young and injured birds and mammals were cared for together in the nursery at the Society's facilities. However, because the Society cares for so many orphaned and injured birds, we have recently decided to create a separate bird nursery, which will be up and running by spring.

Upcoming Events

You can come see our facilities and some of the wildlife in our care at our 7th Annual Open House on Sunday, August 24. We look forward to seeing you! ☺



Loons Through Grebes

By John Belbin

These small and nervous birds were harder to spot during the poor conditions of much of this winter. I suspect that many of those that did not migrate out of the region remained essentially un-reported. However, one of the hardest to identify, the **HORNED GREBE**, showed up occasionally in some surprising numbers on the Christmas Bird Counts. Both the Broad Cove and Lunenburg counts were substantial, with very few being reported between those widely separated locations. DAM drove round the Aspotogan Peninsula, Feb. 3 and found Horned Grebes at almost every stop. Apart from that they were rarely seen. The only **PIED-BILLED GREBES** noted were on Dec. 1 in Dartmouth, presumably a tardy migrant, and one on the CB Highlands CBC.

RED-THROATED LOONS were not seen in any numbers except on the CBCs, but were well dispersed around the Province. The Common Loon lived up to its name being seen more frequently and in much larger numbers at times, including an astounding 95 on the Broad Cove CBC. □

Red-throated Loon (Provincial CBC total: 28 on 12 counts)				Jan. 7	Sober I., Sheet Hbr., HRM	2	KJM
Dec. 7	Port George, Anna.		DAM	Jan. 17	Cherry Hill Bch., Lun.	2	JAH
Dec. 19; Jan. 3	Cow Bay, HRM	1; 1	DAM	Feb. 3	Aspotogan Peninsula, Lun.	numerous	DAM
Jan. 7; Feb. 4	Port George, Anna.	2; 1	JOB	Feb. 4	Port George, Anna.	5	DOU
Feb. 14	Liverpool Hbr.	1	JAH	Feb. 14	Liverpool Hbr.	2	JAH
Common Loon (Provincial CBC total: 380 on 23 counts)				Feb. 14	Sandy Cove, Lun.	1	JAH
Jan. 6	Chebucto Hd., HRM	4	RMA, NSBS	Feb. 20	Masons Bch., Lun.	1	JBO
Jan. 7	Port George, Anna.	4	JOB	Feb. 20	Summerville Bch., Queens	3	JBO
Jan. 7	Dartmouth Hbr.	3	PMC	Red-necked Grebe (Provincial CBC total: 162 on 15 counts)			
Jan. 27	Sambro Hbr., HRM	1	DOU	Dec. 2	Cherry Hill Bch., Lun.	7	SJF
Feb. 3	Mira Gut, CB	18	BES, GEC	Dec. 23	Hirtles Beach, Lun.	30	ELM
Feb. 14	LaHave R., Lun.	Lots	JAH	Dec. 30	Hirtles Beach, Lun.	30	ELM
Feb. 22	Prospect, HRM	6	BLM	Jan. 6	Herring Cove, HRM	1	NSBS
Feb. 29	Isle Madame, CB	9	KJM	Jan. 7	Port George, Anna.	2	JOB
Pied-billed Grebe				Jan. 12	Brier I.	2	CAH
Dec. 1	Bissett L., Dartmouth	1	BLM	Jan. 17	Prospect Area, HRM	1	BLM
Dec. 29	CB Highlands, CBC	1		Feb. 4	Freeport, Digby	1	BLF
Horned Grebe (Provincial CBC total: 143 on 16 counts)				Feb. 16	LaHave River, Lun.	1	JAH
Dec. 23	Kingsburg to Mahone Bay	6	ELM	Feb. 29	Isle Madame, CBRM	6	KJM
Dec. 26	Crescent Bch., Lun.	4	JAH				
Dec. 29	Glace Bay	8	fide CAM				

Tubenoses through Cormorants

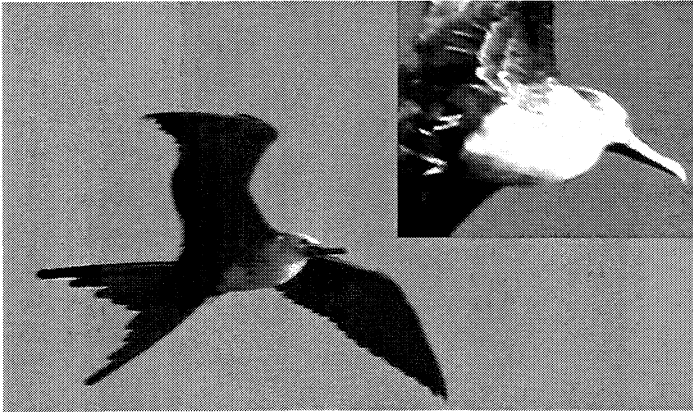
By Eric Mills

Pelagic birds dominate this winter's report, including reports of a large Shearwater that closely resembled Cory's on the Louisbourg CBC. Three weeks later, TEC found a **SOOTY SHEARWATER** while lobstering off CSI. This is not unique, although noteworthy: one was seen in the same area Feb. 10, 2006.

A specimen of an ad. **WHITE-TAILED TROPICBIRD** emerged. The bird was found alive near Economy, Col., likely just after Post-tropical Storm Noel in early November, 2007, but soon died and was frozen for preservation. This March it was brought to the notice of FLS, who has donated the specimen to the ornithology collection at Acadia University.

Surprisingly few **NORTHERN GANNETS** and **DOUBLE-CRESTED CORMORANTS** remained in the province after mid-December, and none of either was reported after the first week of January.

Finally, a total surprise after prolonged SE gales was the juv. **MAGNIFICENT FRIGATEBIRD** seen and photographed in Cow Bay, HRM, Dec. 17; its identity is dealt with elsewhere in this issue. □



A **MAGNIFICENT FRIGATEBIRD** was a count-week bird the day after the Halifax-Dartmouth count, Dec. 17 at Cow Bay, *HRM*. It was only the second to be photographically confirmed in Nova Scotia and was surely one of our most unexpected CBC birds ever. It must be kept in mind that other similar frigatebirds could conceivably appear here, so photos or specimens are almost mandatory. The white head and somewhat faded wedge-shaped "spurs" into the white breast (washed out by bright lighting on the insert) indicate a late juvenile magnificent. These spurs are placed further forward on juvenile Great Frigatebirds. The pale "bars" on the axillaries [insert], once thought to be a feature unique to magnificent, are also found on some Great Frigatebirds. [Photo Rick Reid]

SHEARWATER SP.

Dec. 15 Louisbourg CBC 1

SOOTY SHEARWATER

Jan. 9 off CSI 1 TEC

WHITE-TAILED TROPICBIRD

Early Nov. Economy, *Col.* ad. (photo; specimen) *fide* FLS

Northern Gannet (Provincial CBC total 70 on 6 counts)

Dec. 6 Shag End, Prospect, *HRM* 3 BLM

Dec. 6 Brier I. 6 ELM

Dec. 15 Cape Sable CBC 4

Dec. 15 Louisbourg CBC 19

Dec. 16 Halifax-Dartmouth CBC 41

Dec. 18 Brier I. CBC 1

Dec. 30 Canso Town CBC 2

Jan. 2 Lunenburg CBC 3

Double-crested Cormorant (Provincial CBC total 58 on 13 counts)

Dec. 6 Brier I. 2 imm. ELM, AHM

Dec. 15 Cape Sable CBC 4

Dec. 15 Louisbourg CBC 1

Dec. 16 Halifax-Dartmouth CBC 31

Dec. 16 Port. L'Hebert CBC 1

Dec. 17 Canso, *Gufs.* 1 *KJM et al.*

Dec. 19 Cheticamp CBC 3

Dec. 22 White Pt. CBC 1

Dec. 25 Strait of Canso CBC 1

Dec. 26 Eskasoni CBC 2

Dec. 29 CB Highlands CBC 4

Dec. 30 Canso Town CBC 7

Jan. 1 Pictou Hbr. CBC 2

Jan. 2 Lunenburg CBC 1

Jan. 7 Pt. George, *Anna.* 1 JOB

Jan. 7-8 Dartmouth Cove 1 IAM

Great Cormorant (Provincial CBC total 632 on 13 counts)

Dec. 3 Tufts Cove, *HRM* 1 DOU

Dec. 6 Brier I. 30 ELM, AHM

Dec. 14 St. Anns Bay, CBC 2

Dec. 15 Cape Sable CBC 183

Dec. 15 Louisbourg CBC 33

Dec. 16 Antigonish CBC 4

Dec. 16 Halifax-Dartmouth CBC 154

Dec. 16 Port. L'Hebert CBC 5

Dec. 17 Brier I. 20 ELM, AHM

Dec. 18 Brier I. CBC 91

Dec. 21 The Sydneys CBC 54

Dec. 22 White Pt. CBC 12

Dec. 28 Bedford-Sackville CBC 2

Dec. 30 Broad Cove CBC 6

Jan. 1 Pictou Hbr. CBC 3

Jan. 2 Lunenburg CBC 66

Jan. 2 Canso Town CBC 17

Jan. 24 False Bay, *CBRM* 6 CAM, ALM

Feb. 24-26 Brier I. 2-15 ELM, AHM

Feb. 25 Tiverton, *Digby* 10 ELM, AHM

MAGNIFICENT FRIGATEBIRD

Dec. 17 Cow Bay, *HRM* juv., photo Rick Reid

□□□

Hérons

By Ulli Höger

As expected the numbers of GREAT BLUE HERON sightings tapered off in early December. Still, some individuals faced winter in Nova Scotia in a number of locations. GREAT EGRETS on the other hand were last seen in mid-December and left with the falling temperatures. □

Great Blue Heron (Provincial CBC total: 11 on 6 counts)

Dec. 6 Brier I. 1 ELM, AHM

Dec. 11 Crescent Bch., *Lun.* 1 SJF

Dec. 19 Doctors Cove, *Shel.* 3 MUN

Dec. 26 CSI 1 Rachel Hoogenbos

Dec. 29 & 30 Sullivans Pond, *HRM* 1 IAM

Jan. 3 Tufts Cove, *HRM* 1 DAM

Jan. 6 Atwood Brook, *Shel.* 5 TEC

Jan. 20 Atwood Brook, *Shel.* 2 TEC

Jan. 27 E. Chester, *Lun.* 1 CJF

Feb. 3 Wolfville 1 HAT

Great Egret

Dec. 5 & 7 CSI 1 MUN

Dec. 19 Barrington, *Shel.* 1 MUN

□□□



It wasn't a good winter for GREAT BLUE HERON stragglers, and this woebegone individual during a Dec. 29 snowstorm at Sullivans Pond, Dartmouth, makes that pretty clear. [Photo Ian McLaren]

Waterfowl

By John Belbin

December was widely reported as the coldest winter in 14 or more years and it was to be expected that pond and freshwater ducks would have very few locations in which to remain. The fact that temperatures returned to a somewhat average range in later weeks was little consolation as most freshwater birds had long gone. That certainly shows up well from the records.

Species that spend more time on salt water have more opportunity to over-winter and the extensive cold may even drive some of them from more northerly regions into our own. Of course, viewing conditions are far more difficult, especially at exposed coastal regions, so it is highly likely that some species are seriously under-represented. That is especially true given the excessive number of snow, ice and severe wind storms that we experienced this year.

These severe conditions, of course, have a major effect on waterfowl, even those that are able to use whatever open water is available to them. It greatly limits an already tight food supply in a manner that can and does change overnight. Thus we can observe considerable numbers one day and none the next. An example of this is the large flocks of CANADA GEESE that were reported by JAH and ELM at the mouth of the Lahave R. 450-500 birds were present throughout January, but on Feb. 1 that number dropped to only nine individuals. ELM believes that they probably exhausted the eel-grass in the area and had to move on. All these birds seemed to be the local, eastern species, *Branta canadensis canadensis*. The more northern variants, which occasionally include a Cackling Goose or a White-fronted Goose, were nowhere to be seen.

A single dark phase SNOW GOOSE was spotted by MUN in Lower Clarks Hbr., CSI. It was accompanied by a large flock of canadas and was still there at the end of February. Only one report of BRANT came from outside the CSI-Barrington region. Numbers there gradually built up throughout February to about 1500. A MUTE SWAN was seen and photographed at Sullivans Pond, but it may well have been one of the domesticated ones sometimes seen on the nearby Bedford Basin.

AMERICAN/EURASIAN WIGEON hybrids were occasionally seen around the Metro area and a pair was well photographed by BBU at Sullivans Pond.

Very few people ever report AMERICAN BLACK DUCKS and MALLARDS. They must assume that there is no interest in these commonplace species and so they go seriously under-reported. However the very large numbers counted almost universally on the CBCs gives a far different picture than the individual reports do. Of roughly 14,000 American Black Ducks counted, over 13,000 of them came from the CBC listings. JCT found about 200 Mallards in an active spring-fed pond in New Minas that was barely large enough to keep their feet wet; they were clearly fed by the local homeowner.

A lone NORTHERN SHOVELER was noted on Digby Neck and two were in Yarmouth for the CBC. NORTHERN PINTAILS were more widespread but were only reported once from the Bay of Fundy region, and that report is from a sewage lagoon. The total number for this species remains low.

There were no less than four reports of the somewhat rare REDHEAD, however it is possible that only two birds were responsible for those records. A single TUFTED DUCK was spotted at the Pictou causeway and remained there for a week; analysis of photos revealed this bird to be a hybrid Tufted Duck x Scaup. GREATER and LESSER SCAUP were seldom reported from Bay of Fundy waters, being concentrated in the Lunenburg and Pictou regions, while COMMON EIDERS were more generally dispersed. Quite large numbers were reported on the CBCs, but far fewer at other times. There were two reports of a very light-coloured, female eider at Rainbow Haven. IAM speculated that it may have been one of the Hudson Bay subspecies *sedentaria*, which normally does not migrate out of its region, making it quite a rarity.



This male duck, Feb. 23 at the Pictou Causeway, was thought to be a Tufted Duck, but turned out on inspection of photos to be a hybrid TUFTED DUCK X SCAUP, almost certainly with Greater Scaup, which is quite regular in Iceland, the source of our Tufted Ducks. It is a full adult, yet its tuft remains short, and its back is charcoal gray (with a hint of vermiculations in the original photo) rather than the pure black of Tufted. It may have been the same individual first noted (in first-winter plumage) near Pictou in winter 2004-05. [Photo Ken McKenna]

Everyone's favourite small duck, the HARLEQUIN DUCK, showed up in basically five locations: Prospect, Port George, Digby Neck, and CSI, with the largest number an astounding 75 found on the Port L'Hebert CBC.

LONG-TAILED DUCKS were reported from around the Province and sometimes in considerable numbers. 430 were noted on the Annapolis Royal CBC, no doubt reflective of the huge flocks sometimes seen in the Digby area and nearby New Brunswick waters.

If you are looking for mergansers it would seem that the Pictou region is the place to go as the level of their sightings dwarfed all others. The only exception to this was the 97 HOODED MERGANSERS noted on the Lunenburg CBC. That must have been quite a sight! ☐

Snow Goose

Dec. 4 Port Clyde, *Shel.* 3 SAH
Feb. 16 Lower Clarks Hbr., CSI 1 MUN

CACKLING GOOSE

Dec. 2 Van Nostrands Pond, Kings 1 JCT
Canada Goose (Provincial CBC totals: 12,219 on 18 counts)

Dec. 2 Van Nostrands Pond, *Kings* 120 JCT
Dec. 3 Bissett L., *HRM* 200+ DOU
Dec. 6 Avonport, *Kings* 50 SAW
Dec. 8 Crescent Bch., *Lun.* 191 JAH
Dec. 25 Three Fathom Hbr, *HRM* 300 DMW
Dec. 26 Crescent Bch., *Lun.* 485 JAH
Dec. 29 Glace Bay 1180 fide CAM
Jan. 19 Riverport, *Lun.* 450 ELM
Jan. 19 Port Morien 100+ BES, GEC
Jan. 26 Hawk Flats, CSI 325 MUN
Jan. 26 Riverport, *Lun.* 520 ELM
Jan. 30 Lawrencetown, *HRM* 105 DMW
Feb. 17 CSI 1500 MUN
Feb. 20 Canning, *Kings* 150 BBT
Feb. 25 W. Chezsetcook marsh, *HRM* 500+ DOU
Feb. 28 Lawrencetown, *HRM* 165 DMW

Brant

Dec. 7 The Hawk, *CSI* 5 MUN
Dec. 15 CSI, CBC 108
Jan. 8 Daniels Hd. Inlet, *CSI* 7 Rachel Hoogenbos
Jan. 15 Daniels Hd. Inlet, *CSI* 7 Rachel Hoogenbos
Jan. 20 The Hawk, *CSI* 65 MUN
Jan. 24 Pond Cove, Brier I. 30 ELM, AHM
Jan. 26 The Hawk, *CSI* 110 MUN
Feb. 17 CSI 325 MUN
Feb. 24 The Hawk, *CSI* 500 MUN
Feb. 25 Barrington, *Shel.* 500+ RMC

MUTE SWAN (feral)

Feb. 4 Sullivans Pond, Dartmouth 1 D. Schlosberg

Wood Duck

Dec. 15 Springville, CBC 2
Dec. 16 Coalburn-Thorburn area, *Pict.* 2 KJM
Dec. 28 Bedford-Sackville, CBC 1 Richard Peckham

Gadwall (Provincial CBC totals: 20 on 3 counts)

Dec. 1-23 Sullivans Pond, Dartmouth 1 male BLM; RIV
Dec. 17 New Hbr., *Guys.* 3 KJM
Dec. 23 Tannery Rd, *Lun.* fem. ELM
Jan. 2 Tufts Cove, Dartmouth 1 BLM
Feb. 17 Port Williams Sewage Ponds, *Kings* 1 GFO

Eurasian Wigeon

Dec. 1 Sullivans Pond, Dartmouth 2 BLM
Dec. 2 Sherose I., *Shel.* 1 MUN
Dec. 16 Halifax-Dartmouth, CBC 2
Dec. 29 Glace Bay 4 fide CAM
Jan. 1 Yarmouth area 1 MUN
Jan. 1 Pictou Hbr., CBC 1 KJM
Jan 12, 31 Sullivans Pond, Dartmouth 4, 3 BBU

Eurasian-American Wigeon Hybrid

Dec 26 Tufts Cove, Dartmouth 1 RIV
Jan. 8 Alderney Landing, Dartmouth 4 IAM
Jan. 24 Sullivans Pond, Dartmouth 2 BBU

American Wigeon (Provincial CBC totals: 170 on 6 counts)

Dec. 3 Bissett L., Dartmouth 1 DOU
Dec. 3 Beacon St. Dam, Glace Bay 230 GEC
Dec. 16 Halifax-Dartmouth, CBC 164

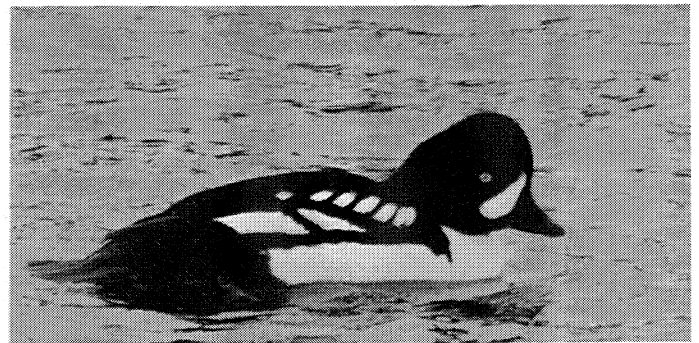
Dec. 26 Sullivans Pond, Dartmouth 7 J. Schlosberg
Dec. 29 Glace Bay 190 fide CAM
Jan. 8 Tufts Cove, *HRM* 75 IAM
Jan-Feb Sullivans Pond, Dartmouth ~50 var. obs.
Feb. 29 Isle Madame, *CBRM* 3 KJM

American Black Duck (Provincial CBC totals: 13043 on 31 counts)

Dec. 23 Conrad Marsh, Lawrencetown, *HRM* 60 DMW
Dec. 29 Glace Bay 1569 fide CAM
Jan. 5 Pt. Pleasant Park, *HRM* 120 IAM
Jan. 24 Conrad Marsh, Lawrencetown, *HRM* 44 DMW
Jan. 31 Windsor Sewage Ponds, *Hants* 65 JOB
Feb. 7 Halfway R., Hantsport 45 JOB
Feb. 13 Conrad Marsh, Lawrencetown, *HRM* 66 DMW
Feb. 29 Isle Madame, *CB* 18 KJM

Mallard x American Black Duck

Dec. 16 Halifax-Dartmouth, CBC 3
Dec. 21 The Sydneys, CBC 10
Dec. 27 Bedford-Sackville, CBC 15 Richard Peckham
Feb. 17 Port Williams Sewage Ponds, *Kings* 2 GFO
Mallard (Provincial CBC totals: 4646 on 26 counts)
Dec. 10 New Minas, *Kings* 90-100 JCT
Jan. 7 Port Williams Sewage Ponds, *Kings* 60 JWV
Feb. 8 New Minas, *Kings* 300+ JCT
Feb. 17 Port Williams Sewage Ponds, *Kings* ~200 GFO



Hybrid BARROW'S X COMMON GOLDENEYE is subtly distinct from Common Goldeneye. The top panel has two male commons and a male hybrid (can you see which is which?), and the bottom is a pure Barrow's Goldeneye male. The birds were at Pugwash, in January. [Photos Bruce Stevens]

Northern Shoveler

Dec. 16	Yarmouth, CBC	2	
Feb. 4-25	Freeport, Digby Neck	1	BLF
Northern Pintail (Provincial CBC totals: 39 on 8 counts)			
Dec. 3	Bissett L., Dartmouth	5	DOU
Dec. 8	Crescent Bch., Lun.	3 fems.	JAH
Dec. 9	Sullivans Pond, Dartmouth	1	RIV, APO
Dec. 22	Dublin Shore, Lun.	1	JAH
Dec. 30	Paddys Hd., HRM	1	JUO
Jan. 2	Hartlen Pt., HRM	1 fem	BLM
Jan. 8	Cole Hbr., HRM	4	DAM
Jan. 8	Daniels Hd. Inlet, CSI	2	Rachel Hoogenbos
Jan. 26	Lunenburg Hbr.	1	RBS
Jan. 26	Masons Cove, Lun.	2	JAH
Feb. 3	Trenton, Pict.	2	KJM
Feb. 10	Eastern Passage, HRM	2	ELM, IAM
Feb. 17	Port Williams Sewage Ponds, Kings	1	GFO
Feb. 17	CSI	11	MUN
Feb. 23	New Glasgow sewage plant	1	KJM

Green-winged Teal (Provincial CBC totals: 40 on 7 counts)

Dec. 23	Tufts Cove, Dartmouth	4	RIV
Dec. 30	Windsor sewage ponds, Hants	1	RJS
Jan. 2, 19	Tufts Cove, Dartmouth	2, 3	BLM
Jan. 20	Seaside, CBRM	1	BID
Jan. 31	Windsor sewage ponds, Hants	2	JOB
Feb. 1	Tufts Cove, Dartmouth	2	DAM
Feb. 13	St. Peters, CBRM	1	BID
Feb. 21	Forest Haven, Glace Bay	2	BES, GEC
Feb. 25	Freeport Hbr., Digby	3	ELM

REDHEAD

Dec. 19-21	Daniels Hd., CSI	1	JON, MUN
Dec. 23	Bayport, Lun.	2	ELM
Jan. 2	Lunenburg, CBC	1	JAH

Ring-necked Duck (Provincial CBC totals: 7 on 4 counts)

Dec. 1	Bissett L., Dartmouth	1	BLM
Dec. 9	First L., Sackville		DAM
Jan. 1	Yarmouth area		MUN

TUFTED DUCK x Scaup hybrid

Feb. 23	Pictou Causeway	1	KJM
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Scaup sp.

Dec. 19	Cheticamp, CBC	34	
Jan. 5; 19	Pt. Pleasant Park, HRM	70; 30	IAM; BLM
Feb. 1	Dartmouth Cove		DOU

Greater Scaup (Provincial CBC totals: 4897 on 14 counts)

Dec. 8	Crescent Bch., Lun.	205	JAH
Dec. 23	Bayport, Lun.	~700	ELM
Dec. 29	Glance Bay	979	fide CAM
Jan. 7	Dartmouth Cove	60	IAM
Jan. 8-23	Bayport, Lun.	200	RJS; JAH
Feb. 8-16	Bayport, Lun.	480	JAH
Feb. 23	Pictou Causeway	~4000	KJM
Feb. 29	Isle Madame, CBRM	60	KJM

Lesser Scaup (Provincial CBC totals: 154 on 6 counts)

Dec. 1	Bissett L., Dartmouth	75	BLM
Dec. 1	Chebogue, Yar.	some	MUN
Dec. 25-Feb 8	Bayport, Lun.	10	JAH
Jan. 1	Yarmouth area	some	MUN
Feb. 27	Dartmouth Cove, HRM	5-10	KGI

Common Eider (Provincial CBC totals: 6110 on 24 counts)

Dec. 14	Shag End, HRM	80	BLM
Dec. 25	Three Fathom Hbr., HRM	29	DMW
Dec. 29	Glance Bay	1569	fide CAM
Jan. 5	Pt. Pleasant Park, HRM	2	IAM
Jan. 7	Port George, Anna.	38	JOB
Feb. 3	Rainbow Haven, HRM	80	IAM
Feb. 7	Port Morien, CBRM	15	Beverly Crowell
Feb. 29	Isle Madame, CBRM	129	KJM

Harlequin Duck (Provincial CBC totals: 88 on 6 counts)

Dec. 7	Port George, Anna.	6	DAM
Dec. 16	Port L'Hebert, CBC	75	
Dec. 25	Sambro Hbr., HRM	1	HAT
Dec. 25	West Baccarro, CSI	2	MUN
Jan. 4-7	Port George, Anna.	2	DAM, GMU
Jan. 6	Prospect, HRM	2	GMU

Jan. 7	Sober I., HRM	2	KJM
Jan. 13, 17	Prospect, HRM	14, 10	BRS, BLM
Jan. 18	Peggy's Cove	2	DAM
Jan. 27	West Baccarro, CSI	3	MUN
Jan. 31	Port George, Anna.	8	RBS
Feb. 4, 9	Port George, Anna.	10, 7	DOU, DAM
Feb. 4	Centreville Cove, Digby	10	BLF
Feb. 14	Prospect, HRM	6	BLM
Feb. 20	Herring Cove, HRM	1	JBO

Scoter sp.

Dec. 14	St. Anns Bay, CBC	19	
Dec. 15	Louisbourg, CBC	14	
Dec. 16	Halifax-Dartmouth, CBC	56	
Dec. 29	CB Highlands, CBC	10	

Surf Scoter (Provincial CBC totals: 373 on 19 counts)

Dec. 8	Port Morien, CBRM	5	Beverly Crowell
Dec. 29	Glance Bay	46	fide CAM
Jan. 7	Port George, Anna.	41	JOB
Jan. 8	Grand Desert, HRM	4	DAM
Feb. 3	Mira Gut, CB	50+	BES, GEC
Feb. 29	Isle Madame, CB	11	KJM

White-winged Scoter (Provincial CBC totals: 517 on 21 counts)

Dec. 8	Port Morien, CBRM	13	Beverly Crowell
Jan. 7	Port George, Anna.	20	JOB
Jan. 19	Pt. Pleasant Park, HRM	2	BLM
Feb. 29	Isle Madame, CBRM	68	KJM

Black Scoter (Provincial CBC totals: 482 on 15 counts)

Jan. 7	Port George, Anna.	2	JOB
Jan. 7	Sober I., HRM	55	KJM
Feb. 17	Daniels Hd., Shel.	170	JAH
Feb. 17	Baccarro, Shel.	52	JAH
Feb. 29	Isle Madame, CBRM	90	KJM

Long-tailed Duck (Provincial CBC totals: 2260 on 23 counts)

Dec. 2	Caribou, Pict.	12	KJM
Dec. 8	The Bar, Glance Bay	7	Beverly Crowell
Dec. 29	Glance Bay	96	fide CAM
Jan. 7	Port George, Anna.	33	JOB
Jan. 13	Prospect, HRM	4	BRS
Feb. 1	Silver Sands Bch., Dartmouth	10	DOU
Feb. 7	Port Morien, CBRM	6	Beverly Crowell
Feb. 29	Isle Madame, CBRM	91	KJM

Bufflehead (Provincial CBC totals: 574 on 18 counts)

Dec. 3	Bissett L., Dartmouth	2	DOU
Dec. 9	Grand Desert, HRM	5	DAM
Dec. 11	Port Williams sewage lagoons, Kings	1	JWW
Dec. 13	Prospect, HRM	15	BLM
Dec. 22	Glance Bay, CBRM	4	Beverly Crowell
Dec. 25	Three Fathom Hbr., HRM	8	DMW
Dec. 29	Annapolis Royal CBC	88	David Tinker
Dec. 29	Glance Bay	110	fide CAM
Jan. 5	Annapolis Royal	10-15	DLO
Feb. 4	Tantallon, HRM	2	LOC
Feb. 29	Isle Madame, CBRM	5	KJM

Common Goldeneye (Provincial CBC totals: 3163 on 27 counts)

Dec. 23	Bayport, Lun.	~200	ELM
Dec. 24	Port Howe Bridge, Cum.	20	BRS
Dec. 25	Bayport, Lun.	175	JAH
Jan. 3	Pugwash area	50	BRS
Jan. 8	Mersey R., Liverpool	12	DPO
Feb. 16	Bayport, Lun.	189	JAH
Feb. 20	Conrad Marsh, Lawrencetown, HRM	16	DMW
Feb. 29	Isle Madame, CBRM	84	KJM

Barrow's Goldeneye (Provincial CBC totals: 27 on 5 counts)

Dec-Feb	Bedford Basin - Tufts Cove	2	var. obs
Dec. 2	Middle R. Dike, Pict.	1	KJM
Dec. 19	Port Williams sewage lagoons, Kings	male	JWW, GFO
Dec. 24	Port Howe Bridge, Cum.	1	BRS
Jan. 3	Pugwash area	3	BRS
Jan. 8	Rainbow Haven, HRM	1	Paul Murray
Jan. 8	Mersey R., Liverpool	1	DPO
Jan. 17	McGraths Cove	male	DAM
Jan. 18	Broad Cove, Lun.	1	JAH
Jan. 19	Port Clyde, Shel.	fem.	SAH
Jan. 26	Lunenburg Hbr. / Bayport	1/2	RBS

Feb. 21	Westmount, <i>CBRM</i>	4	BES, GEC	Jan. 25	Glace Bay, <i>CBRM</i>	55	BES, GEC
Feb. 23	Pictou Causeway	4	KJM	Feb. 23	Pictou Causeway	1200	KJM
Hooded Merganser (Provincial CBC totals: 206 on 8 counts)				Feb. 29	Isle Madame, <i>CBRM</i>	59	KJM
Dec. 2	East R., <i>Pict.</i>	20	KJM	Red-breasted Merganser (Provincial CBC totals: 5074 on 24 counts)			
Dec. 4	First South, <i>Lun.</i>	8	JAH	Dec. 2	Pictou Causeway	2500	KJM
Dec. 4	Lunenburg Back Hbr.	12	JAH	Dec. 5	Conrad Marsh, Lawrencetown, <i>HRM</i>	37	DMW
Dec. 4	Garden Lots, <i>Lun.</i>	15	JAH	Dec. 16	Antigonish, CBC	780	RFL
Jan. 3	Jeddore Oyster Ponds, <i>HRM</i>	2	LUB	Jan. 1	Pictou Hbr., CBC	2725	KJM
Jan. 17	Prospect Area, <i>HRM</i>	8	BLM	Jan. 2	Lunenburg, CBC	121	JAH
Jan. 26	Maders Cove, <i>Lun.</i>	6	RBS	Feb. 1	Silver Sands Bch., Dartmouth	5	DOU
Feb. 7	MacAskills Brook, <i>CBRM</i>	2	Beverly Crowell	Feb. 1	Cow Bay, <i>HRM</i>	5	DOU
Feb. 16	Bayport, <i>Lun.</i>	16	JAH	Feb. 1	Dartmouth Cove	3	DOU
Feb. 20	Bedford, <i>HRM</i>	1	LOC	Feb. 4	Port George, <i>Anna.</i>	sev.	DOU
Feb. 23	Trenton, <i>Pict.</i>	11	KJM	Feb. 29	Isle Madame, <i>CBRM</i>	67	KJM
Common Merganser (Provincial CBC totals: 2009 on 25 counts)				Ruddy Duck			
Dec. 2	Mira R., <i>CBRM</i>	80+	LEL	Dec. 1, 3	Bissett L., Dartmouth	1, 2	BLM; DOU
Dec. 4	Second Peninsula, Dublin Shore	31	JAH	Dec. 8	Beacon St. Dam, Glace Bay	2	Beverly Crowell
Dec. 5	Bissett L., Dartmouth	30	DAM	Dec. 15	CSI, CBC	1	
Dec. 29	Glace Bay	68	fide CAM	Dec. 29	Glace Bay	1	fide CAM
Jan. 1	Pictou Hbr., CBC	1351	KJM				
Jan. 3	Pugwash area	5	BRS				

□□□

Galliformes, Rails and Cranes

By Ulli Höger

A VIRGINIA RAIL was reported from the Halifax/Dartmouth Christmas bird count Dec. 16. The only other rails seen during the winter were AMERICAN COOTS. Several individuals took up winter residency on Dartmouth's Sullivans Pond. However, last year's record number (7) remained unmatched.

A most welcome sighting for winter listers was the SANDHILL CRANE reported from Upper Granville. □

Gray Partridge (Provincial CBC total: 10)				Ruffed Grouse (Provincial CBC total: 127)			
Dec. 29	Truro	10	CBC	Dec. 9	Hampton, <i>Anna.</i>	1	PBG
Feb. 17	Truro	4	JBO	Dec. 27	Economy, <i>Col.</i>	2	KJM
Ring-necked Pheasant (Provincial CBC total: 1252)				Feb. 17	Mid. Musquodoboit, <i>HRM</i>	3	VJH
Dec. 6-11	Brier I.	many	ELM, AHM	Feb. 25	Three Fathom Hbr., <i>HRM</i>	2	DOU
Dec. 18	Brier I.	6	CBC	Spruce Grouse (Provincial CBC total: 7, no details reported)			
Dec. 20	Grand Pré, <i>Kings</i>	10	JWW	Virginia Rail (Provincial CBC total: 1)			
Dec. 23	Falmouth, <i>Hants</i>	6 fems., 5 males	PKE	Dec. 16	Halifax	1	CBC
Dec. 29	Truro	133	CBC	American Coot (Provincial CBC total: 10)			
Jan.	Hantsport, <i>Hants</i>	5-10	JOB	All season Sullivans Pond, <i>HRM</i> 2-5			
Jan. 5	Donkin, <i>CBC</i>	3 fems.	BES, GEC	Dec. 3	Bisset L., <i>HRM</i>	3	DOU
Jan. 13	957 Old Sackville Rd., <i>HRM</i>	3 males	David Allen	Dec. 6	Lr. Sackville, <i>HRM</i>	1	PEL
Jan. 29	Wolfville	13	JWW	Dec. 9	First L., <i>HRM</i>	1	DAM
All season	Bridgetown, <i>Anna.</i>	1 fem., 1 male	MCR	Sandhill Crane (Provincial CBC total: 1)			
All season	Mid. Musquodoboit, <i>HRM</i>		VJH	Dec. 6 & 16	Upper Granville, <i>Anna.</i>	1	SHH, Murray Freeman

□□□

Diurnal Raptors

By Ulli Höger

The string of BLACK VULTURE sightings from last fall carried over into December, allowing many birders to add this species to their winter lists. Osprey sightings in December and January were unseasonal; the latter was described as "possible", and the former was undocumented.

As one can expect at this time of the year, *Kings* was made the BALD EAGLE capital of the province as birds concentrated in the usual spots and the Sheffield Mills Eagle Watch weekends drew large crowds. A highlight this year was the release of a rehabilitated eagle by the "Hope for Wildlife Society". An observation of a Bald Eagle sitting tight on a nest Feb. 29 left JWW wondering if the breeding season had started early. The report of an imm. GOLDEN EAGLE was only accompanied by the usual "good look, good light, 100% positive" phrase; pending further review it is considered unconfirmed. □

BLACK VULTURE (Provincial CBC total: 1)		
Dec. 6 & 7	Canso, <i>Guys.</i>	1 TCR
Dec. 13	Apple R., <i>Cum.</i>	1 KFS
Turkey Vulture (Provincial CBC totals: 13 on 3 counts)		
Dec. 5	Advocate, <i>Cum.</i>	3 Blaine Spicer
Dec. 6	Brier I.	4 ELM, AHM
Dec. 18	Apple R., <i>Cum.</i>	1 KFS
Dec. 18	Brier I.	4 CBC
Jan. 1	Freeport, <i>Digby</i>	1 AMO, CCA
Jan. 24	Pembroke, <i>Yar.</i>	2 BMO, DMO
Feb. 3, 5, 10	Advocate, <i>Cum.</i>	1 KFS
Feb. 15	Advocate, <i>Cum.</i>	3 KFS
Feb. 24	Brier I.	1 ELM
Feb. 25	Freeport, <i>Digby</i>	2 ELM, AHM
Osprey		
Dec. 29	Barrington Bay, <i>Shel.</i> 1 (no details)	RMC
Jan. 20	Lunenburg	1 possible JCZ
Bald Eagle (Provincial CBC totals: 725 on 33 counts)		
Dec. 29	Glace Bay	22 fide CAM
Jan. 6	Sheffield Mills/Canning, <i>Kings</i>	105 JWW
Jan. 13	Glace Bay	1 BES
Jan. 26	Canning/Sheffield Mills, <i>Kings</i>	64 BBT
Jan. 27, 31	Middle Dyke Rd., <i>Kings</i>	70, 30 JWW
Jan. 31	Canard Rd., <i>Kings</i>	25 JWW
Feb. 17	Sheffield Mills, <i>Kings</i>	35 JWW
Feb. 17	Canning, <i>Kings</i>	45 JWW
Feb. 17	Jawbone Corner, <i>Kings</i>	28 JWW
Feb. 29	Wolfville	1 incubating? JWW
Northern Harrier (Provincial CBC totals: 53 on 15 counts)		
Dec. 8	Wolfville	fem. JCT
Dec. 11	CSI	>6 JAH
Dec. 16	Hartlen Pt., <i>HRM</i>	8 CBC
Dec. 29	Glace Bay	3 fide CAM



This COOPER'S HAWK was encountered during the Halifax-Dartmouth CBC near Bissett L., *HRM*. Note that, when closed, the tail is not rounded, as often assumed. Rather, look for "graduated" tail feathers, successively larger towards the centre. The large, blocky head with white feathering in the white-streaked "hackle" (prominently erected at back of head) are also typical. There was some dispute about its identity, partly because of its broad ventral streaking. But, it was fully confirmed by several experts (including David Sibley), who noted that it is in First Basic (one-year-old-plus) not (the narrowly streaked) Juvenal plumage. In this plumage, the very narrow streaking is retained only on the lower central breast. [Photo Robert McDonald]

Jan. 23	Dartmouth waterfront, <i>HRM</i>	1	BBU
Feb. 9	CSI	3	MUN
Feb. 10	Tufts Cove, <i>HRM</i>	fem.	ELM, IAM
Feb. 10	Hartlen Pt., <i>HRM</i>	fem.	ELM, IAM
Feb. 11 & 23	Lockeport, <i>Shel.</i>	1	DJC
Feb. 28	Wolfville	1	JWW
Sharp-shinned Hawk (Provincial CBC totals: 84 on 26 counts)			
All season	Fairmont, <i>Ant.</i>	1	RFL, MZG
Dec. 7	Lr. Sackville, <i>HRM</i>	1	PEL
Dec. 13	Dublin shore, <i>Lun.</i>	1	JAH
Dec. 18	Brier I.	2	CBC
Dec. 29	Bridgetown, <i>Anna.</i>	1	MCR
Jan. 1	CSI	1	MUN
Jan. 24	Pembroke, <i>Yar.</i>	2	BMO, DMO
Jan. 25	Whites L., <i>HRM</i>	1	BLM
Jan. 26	Lr. Sackville, <i>HRM</i>	1	RIV
Feb. 8	Granville Ferry, <i>Anna.</i>	1	DLO
Feb. 9	CSI	1	MUN
Feb. 27	Parmbelle Lane, <i>HRM</i>	1	SMB
Jan.-Feb.	Milton, <i>Queens</i>	1	DPO
Jan.-Feb.	Apple R., <i>Cum.</i>	1	KFS
COOPER'S HAWK (Provincial CBC total: 1)			
Dec. 16	Cole Hbr. Bisset Rd., <i>HRM</i>	juv. (photo)	SMB, RMA
Dec. 19 & 20	CSI	1	MUN
Dec. 30	Kentville, <i>Kings</i>	1 juv.	RBS
Northern Goshawk (Provincial CBC totals: 11 on 8 counts)			
Dec. 16	Brier I.	1	ELM, AHM
Dec. 21	Stellarton, <i>Pict.</i>	1	HAB, JEB
Dec. 20	Mahone Bay, <i>Lun.</i>	1	Anne Hughes
Dec. 23	Liverpool, <i>Lun.</i>	juv.	CBC
Dec. 25	Tantallon, <i>HRM</i>	1	BLM
Dec. 29	Glace Bay	2	fide CAM
Jan. 1	CSI	1	MUN
Jan. 18	Prospect, <i>HRM</i>	1 ad. male	BLM
Jan.-Feb.	Lower Rose Bay, <i>Lun.</i>	1	ELM, AHM
Feb. 9	Hilden, <i>Col.</i>	1	Kathleen MacAulay
Broad-winged Hawk (Provincial CBC total: 2)			
Dec. 5	Barrington, <i>Shel.</i>	1	MUN
Dec. 23	Port Mouton, <i>Lun.</i>	1	CBC
Red-tailed Hawk (Provincial CBC totals: 348 on 28 counts)			
All season	Bridgetown, <i>Anna.</i>	1	MCR
All season	Apple R. <i>Cum.</i>		KFS
Dec. 10	Grand Pré area, <i>Kings</i>	8	LDE
Dec. 11	CSI	1	JAH, DPO, P. MacLeod
Dec. 18	Brier I.	1	CBC
Dec. 26	Broad Cove, <i>Lun.</i>	1	JAH
Jan. 1	CSI	1	MUN
Jan. 5	Wolfville Ridge, <i>Kings</i>	1	GWT
Jan. 5	Granville Ferry, <i>Anna.</i>	1	DLO
Jan. 6	Sheffield Mills area, <i>Kings</i>	10	JWW
Jan. 22	Mid. Musquodoboit, <i>HRM</i>	1	VJH
Jan. 26	Blue Rocks, <i>Lun.</i>	3	JAH
Feb. 9	Fairmont, <i>Ant.</i>	1	RFL, MZG
Feb. 14	Halifax, <i>HRM</i>	1	PKE
Feb. 17 & 29	Hortonville, <i>Kings</i>	1 (partial albino)	JCT, BLF, JWW
Rough-legged Hawk (Provincial CBC totals: 34 on 12 counts)			
Dec. 6	Aylesford, <i>Kings</i>	1	PBG
Dec. 9	Spa Springs, <i>Anna.</i>	1	PBG
Dec. 12	Wolfville	1 (light)	LDE
Dec. 18	Hartlen Pt., <i>HRM</i>	2 (dark & light)	CBC
Dec. 21	CSI	1 (dark)	MUN
Dec. 29	Glace Bay	1	fide CAM
Jan. 4	Spa Springs, <i>Anna.</i>	1	DAM
Feb. 3	Grand Pré, <i>Kings</i>	2 (2 phases)	BLM
Feb. 9 & 17	CSI	1 (dark)	MUN
Feb. 25	Devils L., <i>HRM</i>	1 (light)	DOU
Golden Eagle			
Feb. 12	Thomasville, <i>Shel.</i>	imm.	SAH
American Kestrel (Provincial CBC totals: 2 on 2 counts)			
Dec. 18	CSI	1	MUN
Jan. 1	CSI	3	MUN
Feb. 9	CSI	2	MUN
Feb. 18	CSI	1	JAH, DPO

Merlin (Provincial CBC totals: 15 on 9 counts)

Dec. 8 & Feb. 20	Broad Cove, Lun.	1	JAH, SJF
Dec. 11	CSI	1	JAH, DPO, P. MacLeod
Dec. 15	Port Williams, Kings	1	JCT
Dec. 16	Brier I.	1	ELM, AHM
Dec. 23	Carleton, Yar.	1	Rachel Hoogenbos
Dec. 29	Glace Bay	1	fide CAM
Jan. 1	Yarmouth area	4	MUN
Jan. 7	Wolfville	1	DOU
Jan. 7	Milton, Queens	1	DPO
Jan. 8	Cow Bay, HRM	1	DAM
Feb. 17	CSI	1	MUN

Gyrfalcon

Jan. 15	Dublin shore, Lun.	1	JAH
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Peregrine Falcon (Provincial CBC total: 11 on 7 counts)

All season	Sullivans Pond, HRM	1	var. obs.
Dec. 6	Brier I., Digby	1	ELM, AHM
Dec. 8	Wolfville	1	LDE
Jan. 21	Avonport, Kings	1	fide JWW
Feb. 9	Grand Pré, Kings	1	JCT
Feb. 9	CSI	1	MUN
Feb. 24	CSI	1	MUN
Feb. 28	Wolfville	1	JWW

□□□



Nearly white (partially amelanistic) RED-TAILED HAWKS, have been spotted most winters in the N. Annapolis Valley. This slightly spotty, pink-tailed beauty was photographed Feb. 20 in W. Hants. [Photo Jen Fried]

Shorebirds

By Susann Myers

In view of this winter's harsh weather and the almost unrelieved cold temperatures in December, it is not surprising that fewer than average shorebirds lingered into December, and fewer still overwintered. The province's 36 CBCs had a total of just 169 shorebirds, which is only 22% of the average total for the previous 10 years. CBC results showed BLACK-BELLIED PLOVERS, RED KNOTS and SANDERLINGS at 5% of their 10-year averages, PURPLE SANDPIPERS at 24%, and DUNLIN at 49%.

Highlights of the season were two rare lingerers, both found at the Big Glace Bay Lake Bird Sanctuary. A **WILLET** lingered for the CBC Dec. 29 and beyond; it was seen by several observers and beautifully photographed by ALM/CAM. The long legs, long, all-dark, fine-tipped bill and long primary projection identified this bird as a juv. Western Willet, the sub-species expected in sightings after September. This was only the second winter record for NS, the first being from the CBC at CSI in 2001. The other winter rarity was a **HUDSONIAN GODWIT** spotted in company with the Willet in late December, and reported as clearly seen through a spotting scope. Very rare in NS by November, a Hudsonian Godwit has been reported only once before in December, at CSI on Dec. 18, 1993.

RUDDY TURNSTONES were not found, for the third time in four years, a sign of their continuing decline. Wintering **SANDERLINGS** were reported in low numbers. **PURPLE SANDPIPERS** were well-reported, however, in above-average numbers. Of interest was an individual with almost-white wings, found at Sober I. for the sixth consecutive winter, an indication of strong fidelity to particular wintering sites. **DUNLIN** lingered in average numbers in December (although the concentration at CSI was not present for the CBC), but very few wintered. Interestingly, all CBC reports of **WILSON'S SNIPE** were from Cape Breton. □

shorebird species

Dec. 15	The Guzzle, Grand Pré, Kings	flock	fide JWW
Dec. 21	Cape Sable, Shel.	ca. 125	MUN
Feb. 22	Crescent Bch., Lun.	small flock	DAM
Black-bellied Plover			
Dec.-Feb.	Crescent Bch., Lun.	1	JSC
Dec. 11	CSI	1	JAH, DPO
Dec. 30	Broad Cove CBC, Lun.	1	
Feb. 26	Pond Cove, Brier I.	1	AHM, ELM, JUS
Killdeer			
Dec. 1	Shel. & Yar.	some	MUN
WILLET			
Dec. 18-mid-Jan.	Glace Bay, CBRM	1, Western	JUM,
GEM <i>et al.</i> , CBC			
HUDSONIAN GODWIT			
late Dec.	Glace Bay, CBRM	1	JUM, GEM

Ruddy Turnstone

Dec. 1	Shel. & Yar.	some	MUN
Red Knot			
Dec. 30	Broad Cove CBC, Lun.	1	
Sanderling			
Dec. 14-23	Lockeport, Shel.	8	DJC
Dec. 15-16	4 CBCs, Ant. to Shel.	12 total	
Dec. 18	Tor Bay, Guys.	1	KJM <i>et al.</i>
Dec. 22	Martinique Bch. PP, HRM	12+	HAT, GMU
Dec. 23	Grand Desert, HRM	1	SEM
Jan. 27	Daniel Hd., CSI	7	MUN
Feb. 10 & 24	Conrad Bch., HRM	2	RMA, DAM
Purple Sandpiper			
Dec.-Feb.	5 locations, widespread	32 total	var. obs.
Dec. 1; Feb. 29	Crescent Bch., Lun.	6, 25	JSC
Dec. 6	Pond Cove, Brier I.	20	ELM, AHM

Dec. 8	Cherry Hill Bch., Lun.	12	SJF	Dec. 16	Port L'Hebert CBC	1	
Dec. 16-Jan.2		8 of 36 CBCs	86 total	Dec. 19	The Hawk, CSI	125	MUN
Dec. 16	Louisbourg	10	SEM	Dec. 26; Jan. 12	Crescent Bch., Lun.	18	JAH, RBS
Dec. 22	Martinique Bch. PP, HRM	30+	HAT, GMU	Dec. 29	Glace Bay CBC	2	
early Jan.	Glace Bay, CBRM	56	JUM	Dec. 30	Broad Cove CBC	22	
Jan. 7 & 27	Sober I., HRM	68, 15	KJM <i>et al.</i>	Jan. 27	Daniel Hd., CSI	2	MUN
Jan. 11	W. Apple R., Cum.	13	KFS	Feb. 29	Crescent Bch., Lun.	15 (wintered)	JSC
Jan. 18; Feb. 20	Cherry Hill Bch., Lun.	16, 10	SJF	Wilson's Snipe			
Jan.31; Feb 4	Port George, Anna.	ca. 20, 40+	RBS, DOU	Dec. 2	Cornwallis R., Kings	1	AAM
Jan. 31	Margaretsville, Anna.	100+	AND	Dec. 7	Canso, Guys.	1	TOK
Feb. 15	Prospect High Hd., HRM	50	BLM	Dec. 9	Portuguese Cove, HRM	1	RMA, WEM
Feb. 24-26	Pond Cove, Brier I.	30+	ELM, AHM	Dec. 26	Eskasoni CBC, CBRM	1	
Feb. 29	Conrad Bch., HRM	15	DMW	Dec. 27	St. Peter's CBC, Rich.	1	
Feb. 29	Cape Auguet, Rich.	11	KJM <i>et al.</i>	late Dec.	CB Highlands CBC	1, count week	
Dunlin				Feb. 23	CSI	1	MUN
Dec. 1 & 8	Crescent Bch., Lun.	32, 25	JSC, JAH	American Woodcock			
Dec. 2 & 26	Cherry Hill Bch., Lun.	4, 2	SJF	Dec. 16	Halifax-Dartmouth CBC	1	
Dec. 9	Grand Desert, HRM	31	DAM	mid-Dec.	Port L'Hebert CBC	1, count week	
Dec. 15	Cape Sable CBC	41					

□□□

Gulls Through Alcids

By Eric Mills

Three **MEW (COMMON) GULLS** were reported this winter, all adults. Separate individuals seem to have been involved judging by differences in plumage.

A 2nd-winter **THAYER'S GULL** photographed by BBU at Sullivans Pond Dec. 26 had all the hallmarks of the species: Iceland-like overall shape, dark secondary bar, brownish primaries, and a brownish tail band.

Fewer than normal numbers of **LESSER BLACK-BACKED GULLS** appear to have overwintered this year - only 7 individuals, although one, seen on the Truro, Col., CBC Dec. 29 was in an unusual inland location.

GLAUCOUS GULLS, never very abundant, were seen somewhat more frequently than usual. One frequenting the L. MicMac area was still being fed and photographed by BBU at the end of February.

A variety of hybrids kept larophiles on their toes. They included a **HERRING X GLAUCOUS** ("NELSON'S"); a **HERRING X GREAT BLACK-BACKED** (likely the same one that has been overwintering in Glace Bay for several winters); and a striking 1st-winter **GREAT BLACK-BACKED X GLAUCOUS** that frequented Sullivans Pond, Dartmouth for at least two months.

Among the most photogenic of the rare gulls, a 1st-winter **IVORY GULL** found on the Canso, Guys., CBC Dec. 30 was still present the following day.

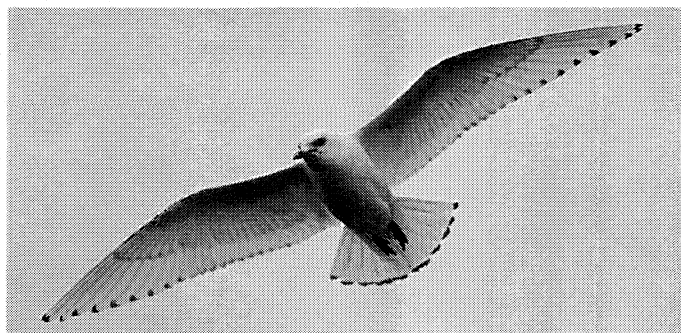
All the common alcid species, with the exception of **BLACK GUILLEMOT**, were rather scarce this winter. **DOVEKIES**, although seldom in significant numbers, were widely reported, especially from eastern NS and CBI. No doubt there were plenty offshore, where they flock and feed on the edge of the continental shelf. This is indicated by CAM and ALM's observations from Schooner Pond, CBRM, Jan. 11: "the strong North wind blew them in and we saw Great Black-backed Gulls picking some out of the water. We saw a Raven flying by with one. We also got calls from several people about stranded Dovekies." **COMMON MURREs** and **RAZORBILLS** were scarce, and **THICK-BILLED MURREs** were scattered in ones and twos. □

Black-headed Gull

CBCs	8 counts	140	
Dec. 3-13	Conrads Bch., HRM	5-8	DMW
Dec. 3	Sullivans Pd., Dartmouth	1	DOU
Dec. 25	Three Fathom Hbr., HRM	39	DMW
Dec. 28	Lockeport, Shel.	ad.	DJC
Dec. 29	Glace Bay	12	fide CAM
Feb. 10	Dartmouth waterfront	25 ads.	ELM, IAM

Bonaparte's Gull

CBCs	11 counts	174	
Dec. 1	Broad Cove, Lun.	2	SJF
Dec. 2	Middle R. Dyke, Pict.	2500	KJM
Dec. 3	Conrads Bch., HRM	13	DMW
Dec. 17	Westport, Brier I.	1 ad.	ELM, AHM
Dec. 19	Hartlen Pt., HRM	1	DAM, FLL
Dec. 30	Hartlen Pt., HRM	1, 1 st -w.	RBS, BLM
Jan. 8	Three Fathom Hbr., HRM	1	DAM



This near-adult **IVORY GULL** was a rare treat 30 Dec. at Canso. [Photo Bruce Stevens]

Jan. 9	off CSI	1	TEC
Jan. 15-19	Hartlen Pt., <i>HRM</i>	2, 1 st -w.	IAM, DAM
Jan. 26	Three Fathom Hbr., <i>HRM</i>	12-14	SMB
Feb. 1	Sullivans Pd., Dartmouth	1	DOU
Feb. 10	Hartlen Pt., <i>HRM</i>	3	MIK

MEW (COMMON) GULL

Dec. 29	Sullivans Pd., Dartmouth	ad.	BBU
Jan. 2-8	Eastern Passage, <i>HRM</i>	ad.	BLM, DOU, DAM, IAM
Feb. 10	Dartmouth waterfront	ad.	ELM, IAM

Ring-billed Gull

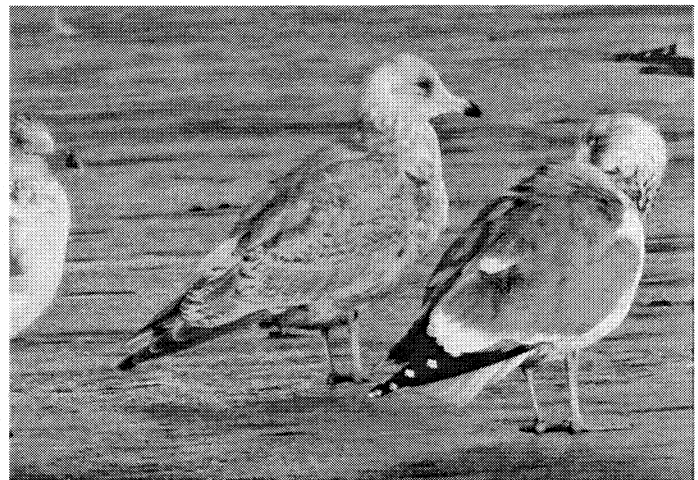
CBCs	23 counts	580	
Dec.- Feb.	Lockeport, <i>Shel.</i>	1-2 throughout	DJC
Dec. 2	Broad Cove, <i>Lun.</i>	100+ flying past	SJF
Dec. 3-13	Conrads Bch., <i>HRM</i>	9-13	DMW
Dec. 6	Brier I.	12 ads.	ELM, AHM
Dec. 8	Crescent Bch., <i>Lun.</i>	15	JAH
Dec. 14	New Minas sewage ponds, <i>Kings</i>	1	JWW
Dec. 15-16	Westport, Brier I.	3 ads.	ELM, AHM
Dec. 23	Tannery Rd., Lunenburg	ad.	ELM
Dec. 25	Three Fathom Hbr., <i>HRM</i>	20	DMW
Dec. 27	Apple R., <i>Cum.</i>	50+	KFS
Feb. 10	Dartmouth waterfront	50 ads.	ELM, IAM

THAYER'S GULL

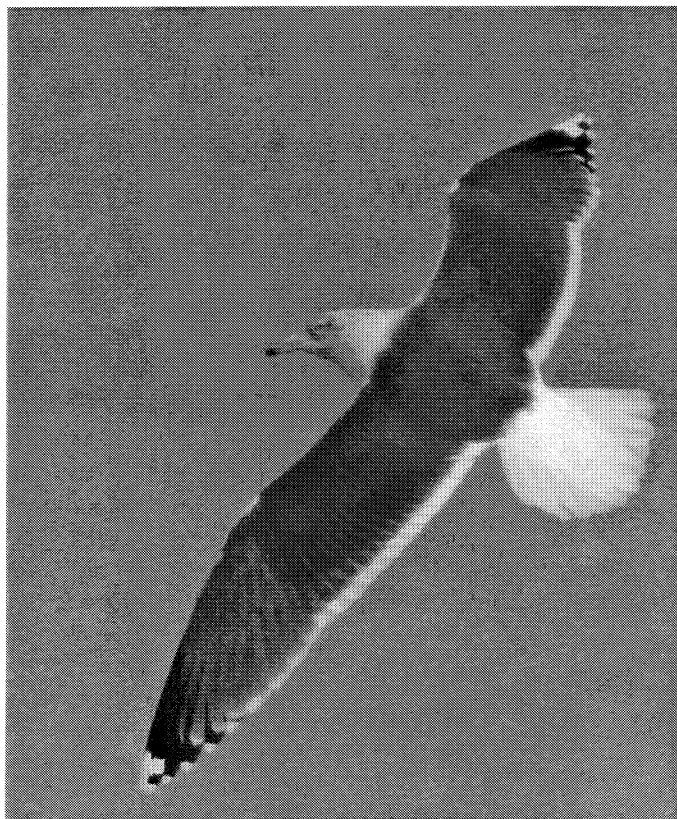
Dec. 26	Sullivans Pd., Dartmouth	1, 2 nd -w., photo	BBU
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Iceland Gull

CBCs	22 counts	1330	
Dec. - Feb.	Lockeport, <i>Shel.</i>	6+ ad. & imm.	DJC
Dec. 3	First Lake, Lr. Sackville, <i>HRM</i>	1	RIV, APO
Dec. 6, 16, 17	Brier I.	2, 2, 5	ELM, AHM
Dec. 8	Moose Hbr., <i>Queens</i>	5	JAH, DPO
Dec. 8	Sullivans Pd., Dartmouth	ad.	LUB, KGI
Dec. 14	New Minas sewage ponds, <i>Kings</i>	5 ads.	JWW
Dec. 17	Broad Cove, <i>Lun.</i>	15+	SJF
Dec. 23	Hirtles Bch., <i>Lun.</i>	8	ELM
Dec. 23	Lunenburg hbr.	7	ELM
Dec. 25	Sandy Cove, <i>HRM</i>	1	HAT, LAE



At last, we had a pretty convincing immature THAYER'S GULL, 27 Dec. at Sullivans Pond, Dartmouth. Note its smallish bill and rounded forehead. It is a second-winter individual (note, e.g., pale, dark-tipped bill and incoming plain grey mantle). Its primaries (insert lower right) are dark above with pale tips, and pale underneath and it has the dark terminal tail band of a Thayer's Gull, beyond the range of Kumlien's Gull (insert lower left). [Photos Bernard Burke]



This hybrid HERRING X GREAT BLACK-BACKED GULL has been a recurrent winter visitor at Glace Bay since 2002, and was found there again during this winter's CBC and later photographed [Photo Alan Murrant]

Dec. 29	Glace Bay	369	fide CAM
Jan. 1	W. Dover, <i>HRM</i>	10	BLM
Jan. 5	Pt. Pleasant Pk., <i>HRMca.</i>	45	IAM
Feb. 10	Dartmouth waterfront	450+ Kumliens's	ELM, IAM
Feb. 22	Conrads Bch., <i>HRM</i>	1	DMW
Feb. 25	Pond Cove, Brier I.	1	ELM, AHM
Feb. 26	Brier I.	6 (only 2 ads.)	ELM, AHM

Lesser Black-backed Gull

Dec. 9	First L, Sackville, <i>HRM</i>	1	DAM
Dec. 16	Halifax-Dartmouth CBC	1	
Dec. 29	Truro CBC	1	
Feb. 3	Sambro, <i>HRM</i>	1	HAT
Feb. 9	near Prospect, <i>HRM</i>	1	MIK
Feb. 14-March	Hd of Prospect Bay, <i>HRM</i>	ad.	BLM
Feb. 28	Dartmouth waterfront	ad.	BBU

Glaucous Gull

CBCs	11 counts	24	
Dec. 9-10	Pt. Pleasant Pk., <i>HRM</i>	ad.	AGH, DAM, DOU
Dec. 13	Sullivans Pd., Dartmouth	1, 1 st -w.	BBU
Dec. 25	W. Dover, <i>HRM</i>	1	BLM
Dec. 25	Sambro, <i>HRM</i>	1	HAT, LAE
Jan. 6	Pt. Pleasant Park, <i>HRM</i>	1, 1 st -w.	RBS <i>et al.</i>
Jan. 20	Glace Bay, <i>CBRM</i>	1	BES
Jan. 23-end Feb.	L. MicMac area, Dartmouth	1, 1 st -w.	BBU
Jan. 24	Back Hbr., Lunenburg	1	JAH
Jan. 24	Blue Rocks, <i>HRM</i>	1	JAH
Jan. 29	Sullivans Pd., Dartmouth	1	KGI, LUB
Feb. 22	Conrads Bch., <i>HRM</i>	1	DMW
Feb. 25	Freeport, <i>Digby</i>	1, 2 nd -yr	ELM, AHM

Herring Gull X Glaucous Gull ("Nelson's Gull")

Dec. 18	Sullivans Pd., Dartmouth	1, 1 st -w; photo	BBU
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Herring Gull X Great Black-backed Gull

Dec. 29 Glace Bay, *HRM* 1 ad. DBM *et al.*

Great Black-backed Gull X Glaucous Gull

Dec. 30 - Feb. 23+ Sullivans Pond, Dartmouth
1, 1st-w., photo RBS, BBU, var. obs.

Black-legged Kittiwake

CBCs	6 counts	145	
Dec. 2	Broad Cove, <i>Lun.</i>	5-6	SJF
Dec. 2	W. Baccaro, <i>Shel.</i>	"Lots"	MUN
Dec. 6, 17	off Northern Pt., Brier I.	5, ~150	ELM
Dec. 17	Tor Bay, <i>Guys.</i>	1	KJM <i>et al.</i>
Jan. 6	Chebucto Hd., <i>HRM</i>	2	NSBS

IVORY GULL

Dec. 30-31 Canso, *Guys.* 1, 1st-w. ; photo OK, STB, BRS

Dovekie

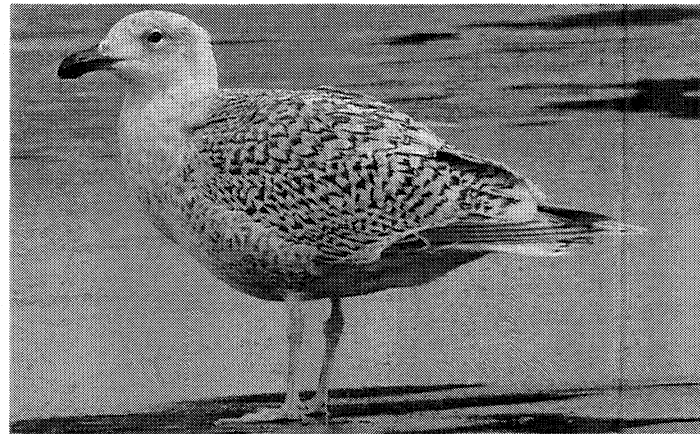
CBCs	11 counts	193	
Dec. 17	Seal Cove, <i>Guys.</i>	3	KJM <i>et al.</i>
Dec. 22 - Jan. 1	Lockeport, <i>Shel.</i>	2 (1 dead)	DJC
Dec. 23	Daniels Hd., <i>CSI</i>	1	<i>fide</i> MUN
Dec. 23	Baccaro, <i>Shel.</i>	6	MUN
Dec. 25	Indian Hbr., <i>HRM</i>	5	BLM
Dec. 27	Glace Bay sandbar, <i>CBRM</i>	1	CAM, ALM
Dec. 27	Dominion bch., <i>CBRM</i>	3	CAM, ALM
Dec. 30	Paddys Hd., <i>HRM</i>	2	JUO, GDE
Jan. 1	Lr. Prospect, <i>HRM</i>	2	BLM
Jan. 2	Eastern Passage, <i>HRM</i>	1	BLM
Jan. 6	Baccaro, <i>Shel.</i>	1	MUN
Jan. 7	Harrigan Cove, <i>HRM</i>	4	KJM <i>et al.</i>
Jan. 7	Portt Dufferin, <i>HRM</i>	2	KJM <i>et al.</i>
Jan. 7	Sheet Hbr. Passage, <i>HRM</i>	1	KJM <i>et al.</i>
Jan. 9	off <i>CSI</i>	1	TEC
Jan. 11	Schooner Pd., <i>CBRM</i>	7	CAM, ALM
Jan. 11	Morien, <i>CBRM</i>	3	CAM, ALM
Jan. 17	Shag End, Prospect, <i>HRM</i>	1	BLM
Jan. 20	Daniels Hd., <i>CSI</i>	1	MUN
Feb. 3	Aspotogan Hbr., <i>Lun.</i>	1	DAM, CRM
Feb. 5	Schooner Pd., <i>CBRM</i>	3	CAM, ALM
Feb. 6	Port Morien, <i>CBRM</i>	5	BES, GEC
Feb. 13	Lockeport, <i>Shel.</i>	1 dead	DJC
Feb. 17	<i>CSI</i>	1	<i>fide</i> MUN

Common Murre

Dec. 30	Canso Town CBC	3	
Jan. 6	Chebucto Hd., <i>HRM</i>	1	NSBS
Feb. 17	Chebucto Hd., <i>HRM</i>	6	MIK

Thick-billed Murre

CBCs	3 counts	6	
Dec. 27	Glace Bay sandbar, <i>CBRM</i>	1	CAM, ALM
Jan. 6	Port George, <i>Anna.</i>	1	DOU
Jan. 6	Baccaro, <i>Shel.</i>	1	MUN
Jan. 8	Cole Hbr. outlet, <i>HRM</i>	1	Paul Murray
Jan. 24	Waddens Cove, <i>CBRM</i>	1	CAM, ALM
Jan. 25	Daniels Hd., <i>CSI</i>	1	MUN
Jan. 27	Sambro hbr., <i>HRM</i>	1	DOU



Hybrid GLAUCOUS X GREAT BLACK-BACKED GULLS are becoming more regular as the Great Black-backed breeds steadily northward along the Labrador and into S Nunavut. This one was admired by many at Sullivans Pond, Dartmouth, this winter. Its intermediate characteristics are obvious. [Photo Rita Viau]

Jan. 27	Chebucto Hd., <i>HRM</i>	1	DOU
Jan. 29	Northwest Arm, Halifax	2	DAM
Jan. 29	Sambro, <i>HRM</i>	2	DAM
Feb. 1	Cow Bay, <i>HRM</i>	2	DOU
Feb. 4	Margaretsville, <i>Anna.</i>	1	DOU
Feb. 5	Port Morien hbr., <i>CBRM</i>	1	CAM, ALM
Feb. 14	Prospect High Hd., <i>HRM</i>	1	BLM
Feb. 14	Liverpool hbr., <i>Queens</i>	1	JAH, DPO
Feb. 17	<i>CSI</i>	2	<i>fide</i> MUN
Feb. 17	Chebucto Hd., <i>HRM</i>	2	MIK
Feb. 23	<i>CSI</i> causeway	1	MUN

Razorbill

CBCs	3 counts	4	
Jan. 6	Chebucto Hd., <i>HRM</i>	15+	NSBS
Jan. 9	off <i>CSI</i>	1	TEC
Feb. 5	off Schooner Pd., <i>CBRM</i>	1	CAM, ALM
Feb. 17	Chebucto Hd., <i>HRM</i>	10	MIK

Black Guillemot

CBCs	15 counts	460	
Dec. 17	Grand Passage, Brier I.	20	ELM
Dec. 25	Sambro hbr., <i>HRM</i>	8	HAT, LAE
Dec. 26	Dennis Pt., <i>Yar.</i>	12	PRG, RSD
Jan. 8	Dartmouth Cove area	28	IAM
Feb. 24-25	Grand Passage, Brier I.	5	ELM
Feb. 26	Brier I.	25+ around island	ELM

Atlantic Puffin

Dec. 16	Halifax-Dartmouth CBC	1	□□□
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Pigeon Through Woodpeckers

By Dorothy Poole

Again this year neither the Apple R. CBC nor the Baddeck CBC had any ROCK PIGEONS to report. Almost twenty-five percent of the total Rock Pigeons were on the Halifax/Dartmouth CBC. A **WHITE-WINGED DOVE** showed up in late February in Sandra Sperker's yard in Halifax. This is the latest date (43 previous sightings), for this species to show. According to IAM, this bird was probably of the SW subspecies *mearnsi* because of its gray tones. *The Handbook of the Birds of the World (Vol. 4)* denotes that this subspecies is larger and paler than the two other subspecies, *asiatica* found from Southern Texas throughout Central America, Cuba and Puerto Rica and *australis* found in W. Panama and W. Costa Rica. MOURNING DOVES were on all CBCs with the highest number on the Wolfville CBC (911).

Close to half of the GREAT HORNED OWLS found on the CBCs were on the Shubenacadie CBC. This was the first bird of the New Year for BRD and one of the best ever.

For the first time since 1995 there were no SNOWY OWLS on any CBC. Although this year had the second highest number of BARRED OWLS (28), this was a long way from the record of 60 found in 1999. West Hants CBC had 20 percent of the total Barred Owls. SHORT-EARED OWLS were seen regularly this winter in Prospect, *HRM* and in Grand Pré, *Kings*.

BELTED KINGFISHER CBC numbers were about average (26) for the last 10 years. Pictou Hbr. CBC had the highest number (nine).

RED-BELLIED WOODPECKER numbers were similar to last year CBCs. Susan Hunt in Jollimore, *HRM* had a female at her feeder this season and saw a male nearby. For the fourth winter in a row MFU had a YELLOW-BELLIED SAPSUCKER at her feeder. Last year it arrived Jan. 1 but was a few days later this year.

DOWNY and HAIRY WOODPECKER numbers are increasing. The total of 764 Downys and 614 Hairys were record CBC numbers. NORTHERN FLICKER numbers were similar to last year. Wolfville CBC had the highest count of Northern Flickers (49), almost 40 percent of the total. PILEATED WOODPECKER CBC numbers were lower this year than last but about equal to the 10 year average. □

Rock Pigeon

Dec.-Jan. CBC total 8081 (~10 yr. average)
Dec. 16 Halifax/Dartmouth CBC 1959

WHITE-WINGED DOVE

Feb. 29 Halifax 1 Sandra Sperker *vide IAM*

Mourning Dove

Dec.-Jan. CBC total 7232 (>10 yr. average)

Dec. 15 Wolfville CBC 911
Dec.-Jan. Widely 1-60

Great Horned Owl

Dec.-Jan. CBC total 14 (~10 yr. average)

Dec. 16 Shubenacadie CBC 6
Jan. 1 Stellarton, *Pict.* 1 BRD
Jan. 22 Seabright, *Ant.* 1 MZG
Jan. 24 Kempt, *Queens* 1 PEH
Feb. 4 Dartmouth 1 MIK

Snowy Owl

Dec. 16 CBC none
Dec. 1 CSI, *Shel.* 1 MUN
Dec. 18 Hartlen Pt., *HRM* 1 Yau-Sun Tong *vide IAM*

Barred Owl

Dec.-Jan. CBC total 28 (2nd highest)
Dec. 29 West Hants CBC 6
Dec. 6 Arlington, *Kings* 1 DOL
Dec. 11 Jordan Falls, *Shel.* 1 JAH, DPO
Dec. 16 north Kingston, *Kings* 1 Carol & Len Gregory *vide PBG*
Dec. 19 Zwickers L., *Anna.* 3 PBG
Dec. 22-Feb. Fairmont, *Ant.* 1 RFL, MZG
Dec. 27 Bog Rd., *Kings* 1 MFU
Dec. 28 near Yarmouth, *Yar.* 1 MUN
Jan. 7 Spencers I., *Cum.* 1 KFS
Jan. 24 Cherry Hill, *Lun.* 1 SJF
Feb. 1-7 Wolfville Ridge, *Kings* 1 BLF
Feb. 22 West Green Hbr., *Shel.* 1 DJC

Long-eared Owl

Dec.-Jan. CBC total 2
Dec. 16 Halifax/Dartmouth CBC 1
Dec. 28 Bedford/Sackville CBC 1

Short-eared Owl

Dec.-Jan. CBC total 3
Dec. 29 Glace Bay 3 *vide CAM*
Dec. 19 Rainbow Haven, *HRM* 1 DAM, FLL
Dec. 3 Sable I. 1 ZOL
Dec. 11 Wolfville, *Kings* 1 LDE
Dec. 25 West Head, *Shel.* 1 *vide DJC*
Dec. 26 CSI, *Shel.* 1 MUN
Dec.-Feb. 8 Prospect, *HRM* 1 BLM, GMU, BRS
Jan. 5, 6 Melmerby Bch. PP, *Pict.* 1 *vide KJM*
Jan. 6 Martinique Bch., *HRM* 1 Shannon Queen, Ethan Huner
Jan. 7 Sober I., *HRM* 1 KJM, Shannon Queen, Ethan Huner
Jan. 9, 31 Grand Pré, *Kings* 2, 1 RBS; DAM, DOU

Northern Saw-whet Owl

Dec.-Jan. CBC total 5 (=10 yr. average)
Dec. 16 Halifax/Dartmouth CBC 3
Dec. 25 Strait of Canso CBC 1
Jan. 1 Pictou Hbr. CBC 1
Jan. 11 Highland Village, *Col.* 1 VME
Feb. 3 Greenwich, *Kings* 1 BLF

Belted Kingfisher

Dec.-Jan. CBC total 26 (~10 yr. average)
Jan. 1 Pictou Hbr. CBC 9
Dec. 31, Jan. 1 Port Clyde, *Shel.* 1 SAH
Dec. 4 East LaHave, *Lun.* 1 JAH, DPO, DAW
Jan. 10 Islands Park, *Shel.* 1 Gloria Gilbert
Jan. 23 Oakland, *Lun.* 1 JAH
Feb. 8 Bayport, *Lun.* 1 JAH
Feb. 9 Three Fathom Hbr. *HRM* 1 SMB
Feb. 17 Bayport, *Lun.* 1 RIV
Feb. 22 Port Clyde, *Shel.* 1 DAM, JON, SAN

Red-bellied Woodpecker

Dec.-Jan. CBC total 5
Dec. 1 Glace Bay, *CBRM* 1 at feeder JUM
Dec.-Feb. Jollimore, *HRM* fem. Susan Hunt
Dec.-Feb. Jollimore, *HRM* male Angela Sykes, Susan Hunt
Dec. 16 Branch LaHave, *Lun.* male Robert Barnes
Dec. 29 Glace Bay 3 *vide CAM*

Yellow-bellied Sapsucker

Jan. 5 to Feb. 28 Hantsport, *Kings* male MFU
Feb. 12 Dartmouth MIK

Downy Woodpecker

Dec.-Jan. CBC total 764 (record high)
Dec. 16 Halifax/Dartmouth CBC 141
Dec.-Feb. Widely 1-9

Hairy Woodpecker

Dec.-Jan. CBC total 614 (record high)
Dec. 16 Halifax/Dartmouth CBC 67
Dec. 15 Wolfville CBC 65
Dec.-Feb. Widely 1-5

Black-backed Woodpecker

Dec.-Jan. CBC total 5
Dec. 19 Harrietsfield, *HRM* 1 DAM, FLL
Dec. 27 Greenfield, *Kings* 1 BLF
Feb. 4 Burnside, *HRM* 1 MIK
Feb. 25 Three Fathom Hbr., *HRM* fem. DOU

Northern Flicker

Dec.-Jan. CBC total 130 (similar to last yr.)
Dec. 15 Wolfville CBC 49
Dec.-Feb. Widely 1-3 ~30 reports

Pileated Woodpecker

Dec.-Jan. CBC total 76 (10 yr. average)
Dec. 28 Bedford/Sackville CBC 13
Dec.-Jan. Apple R., *Cum.* 1-2 KFS
Dec.-Feb. Mid. Musquodoboit, *HRM* 1-2 VJH
Dec. 1, 28 Fairmont, *Ant.* 1, 1 fem. RFL, MZG
Dec. 6 Lr. Sackville, *HRM* male LOC
Dec. 6 Kingston, *Kings* 1 RBS
Dec. 7 Canning, *Kings* 1 SLH
Dec. 8 Upper Ohio, *Shel.* 2 MUN
Dec. 23, Jan. 2 Tremont, *Kings* 1, 1 SLH
Dec. 24 Oakfield PP, *HRM* 1 LAE, HAT
Jan. 3 Kingston, *Kings* 2 males Bev. & Robert Wolfe *vide PBG*
Jan. 3 Hwy 103 near exit 6 flyover DAM
Jan. 6 Upper Granville, *Anna.* 1 DOU
Jan. 20 Windsor fem. Angela Slaunwhite
Jan. 23-Feb. 29 Wolfville Ridge, *Kings* 1-2 JCT
Feb. 4 Digby Neck, *Digby* 1 BLF

Feb. 4	Dartmouth	1	MIK	Feb. 16	Kentville, <i>Kings.</i>	2	AND
Feb. 8	Granton, <i>Pict.</i>	1	KJM	Feb. 17	Homeville, <i>CBRM</i>	1	BES, GEC
Feb. 10	Ridge Rd., <i>Kings.</i>	1	DAM			□□□	

Flycatchers Through Thrushes

By Hans Toom

A **WESTERN KINGBIRD** was reported by Glen Rhodenizer at his farm on the Second Peninsula, *Lun.*, Dec. 2. It had arrived circa Nov. 28. This uncommon vagrant from our western provinces has been expanding its range over recent years, possibly due to deforestation or the creation of open country habitat.

This winter has been a good one for **NORTHERN SHRIKE** with numerous reports from all over the province. It's a winter resident here but with significant annual population swings. This winter has seen an above average population of over-wintering northern finches in Nova Scotia, especially Common Redpoll, a prey species for the Northern Shrike. This may explain why the shrikes have moved south in larger numbers.

The NSBS field trip Dec. 1 spotted a **WHITE-EYED VIREO** (very rare at this time of year) at Middle St., in Dartmouth, under challenging weather conditions. It was seen again Dec. 6 (MIK).

The once very rare **CAROLINA WREN** continues to be reported annually. DOE's Carolina Wren in Ohio, *Shel.*, was reported Oct. 11 and remained until mid-December. Another reliable individual visited daily for over a month at Sheffield Mills, *Kings.*

This was a notable winter for the very rare **TOWNSEND'S SOLITAIRE**, with reports from all over the province. Many birds lingered for days and weeks, allowing many birders to see and photograph this vagabond from our western Canadian mountains. It may be confused with our local flycatchers but usually arrives here after they have already left. It is a hardier bird than any of them however, and is quite capable of surviving our winters in stride. The first report of this mini invasion was from Cheyl Bray, Dec. 4, from Howie Centre, *CBRM.*

While reading the Lighthouse Log, a south shore newspaper, DPO spotted a photograph of a **VARIED THRUSH**, but the caption only mentioned Greenfield and the name of the photographer. Donning her investigative journalist's hat she proceeded to track down the photographer and eventually began a stake-out in the front yard of the subject property. The male thrush appeared after a couple of hours and although a shy bird it became a reliable daily, indeed hourly, visitor, seen and photographed by many bird lovers. It first arrived in September, 2007 and continued to be reported into March. This is a western bird of the deep woods, noted not only for its beauty but also for its haunting song, reminiscent to some of a distant soccer whistle. It is often heard in concert with the Winter Wren, a deep woods companion species. It is an unforgettable duet, once heard. □

WESTERN KINGBIRD

Dec. 2	Second peninsula, <i>Lun.</i>	1	<i>fide</i> JAH
Northern Shrike (Provincial CBC total: 41 on 19 counts)			
Dec. 1-15	Carleton, <i>Yar.</i>	1	Rachel Hoogenbos, Mary Chandler
Dec. 4	Second peninsula, <i>Lun.</i>	juv.	JAH, DPO, DAW
Dec. 4	Willow St., Truro	juv.	VME
Dec. 5-29	Apple R., <i>Cum.</i>	1	KFS
Dec. 17	Lighthouse Rd., Brier I.	1	ELM, AHM
Dec. 17	various locations	many	var. obs.

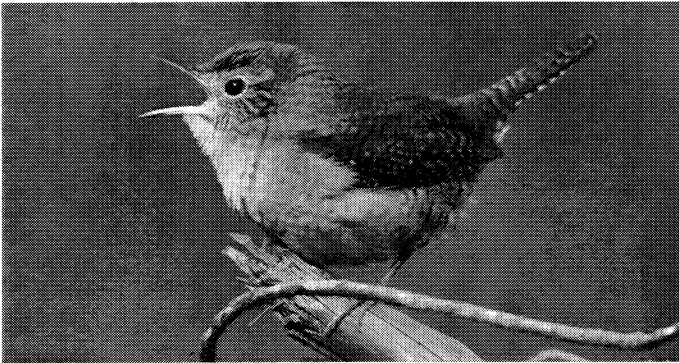
Dec. 25	Peggy's Cove, <i>HRM</i>	1	BLM
Jan. 8	Apple R., <i>Cum.</i>	1	KFS
Jan. 14	Broad Cove, <i>Lun.</i>	1	SJF
Jan. 27-Feb 4	Apple R., <i>Cum.</i>	1	KFS
Feb. 13	White's L, <i>HRM</i>	1	BLM
Feb. 24	Hartlen Pt., <i>HRM</i>	1	RIV, Mike Viau
Feb. 25	Yarmouth	2	EMU
WHITE-EYED VIREO			
Dec. 1-6	Middle St., Dartmouth	1	NSBS, <i>et al.</i> ; MIK



The **VARIED THRUSH** wintering at Greenfield, *Queens* (here Jan. 12) was seen by many and photographed by several. This image captures its lively character. [Photo Richard Stern]



A **WHITE-EYED VIREO** lingering to at least Dec. 6 in Dartmouth, added to two previous December records. Even in black and white, its white iris is an id giveaway. [Photo Michael King]



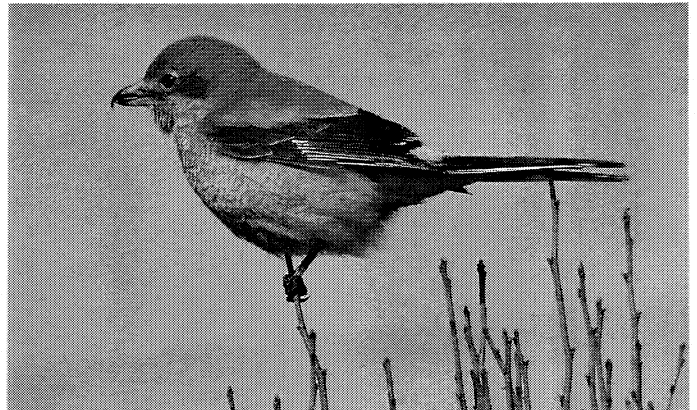
A HOUSE WREN at JUM's feeders in Glace Bay (a first for CB) may not have stayed into winter (here Nov. 10), but is only one of three or so photographed in NS. In the original image, its rather gray face, flanks, and its back with distinct dusky barring and more brown than rufous, match some descriptions of the more western subspecies (to central ON) *parkmanii*. However, distinguishing the E and W subspecies of House Wrens proves controversial; more photos of other stray House Wrens would help. [Photo Allan Murrant]

Gray Jay	(Provincial CBC total: 100 on 14 counts)
Dec. 1-31	Apple R., <i>Cum.</i> 2-4 most days KFS
Jan. 1-31	Apple R., <i>Cum.</i> 1-2 some days KFS
Jan. 11	Mid. Musquodoboit, <i>HRM</i> 1 VJH
Feb. 3	Homeville, <i>CBRM</i> 2 BES, GEC
Blue Jay	(Provincial CBC total: 7963 on 34 counts)
Dec.-Feb.	Whites L., <i>HRM</i> 25 daily BLM
Dec.-Feb.	Portuguese Cove, <i>HRM</i> 10-30 daily HAT, LAE
Dec.-Feb.	Fairmont, <i>Ant.</i> 10-18 daily RFL, MZG
Dec.-Feb.	Mid. Musquodoboit, <i>HRM</i> to 12 daily VJH
Dec.-Feb.	East Chester, <i>HRM</i> 40+ daily CJF
Horned Lark	(Provincial CBC total: 788 on 15 counts)
Dec. 6-18	Pond Cove, Brier I. 25-38 ELM, AHM
Dec. 10	Lockeport's Crescent Bch., <i>Shel.</i> 36 DJC
Dec. 15	CSI 148 CBC
Dec. 15	Wolfville 245 CBC
Dec. 15	Tiny Parish Rd., Port Williams, <i>Kings</i> many var. obs.
Dec. 22	Kingston 159 CBC
Dec. 25	Lockeport's Crescent Bch., <i>Shel.</i> 15 DJC
Dec. 29	Glace Bay 12 fide CAM
Feb. 9	Grand Pré, <i>Kings</i> 10 JCT
Black-capped Chickadee	(Provincial CBC totals: 13068 on 34 counts)
Dec.-Feb.	Whites L., <i>HRM</i> 25 daily BLM
Dec.-Feb.	Portuguese Cove, <i>HRM</i> 12-30 daily HAT, LAE
Dec.-Feb.	Fairmont, <i>Ant.</i> 7-18 daily RFL, MZG
Dec. 4	Garden Lots, <i>Lun.</i> 35 JAH, DPO, DAW



It was the best winter ever for vagrant TOWNSEND'S SOLITAIRES from the western mountains. They were undaunted by snow and cold, but competition from hordes of fruit-eating waxwings made life more difficult. This individual spent several weeks wandering in the White's Lake area. [Photo Blake Maybank]

Dec. 7-Feb. 8	Wolfville Ridge, <i>Kings</i> 12-14 daily JCT
Jan.-Feb.	Apple R., <i>Cum.</i> 12+ daily KFS
Dec. 29	Glace Bay 380 fide CAM
Boreal Chickadee	(Provincial CBC totals: 245 on 25 counts)
Dec.-Feb.	Portuguese Cove, <i>HRM</i> 2-8 daily HAT, LAE
Jan. 5	Holman Marsh Trail, <i>HRM</i> 6 BLM
Jan. 27	Mid. Musquodoboit, <i>HRM</i> 2 VJH
Red-breasted Nuthatch	(Provincial CBC totals: 774 on 31 counts)
Dec.-Feb.	Wolfville Ridge, <i>Kings</i> 2+ JCT
Dec.-Feb.	Portuguese Cove, <i>HRM</i> 1-2 HAT, LAE
Dec.-Feb.	Whites L., <i>HRM</i> 4 BLM
Dec.-Feb.	Fairmont, <i>Ant.</i> 1-5 RFL, MZG
Dec.-Feb.	Mid. Musquodoboit, <i>HRM</i> 1 pair VJH
Dec.-Feb.	Milton, <i>Queens</i> 2 pair DPO
Jan.-Feb.	Apple R., <i>Cum.</i> 1 KFS
Dec. 1-24	Lr. Sackville, <i>HRM</i> 1 RIV, APO
Dec. 29	CB Highlands 118 CBC
Dec. 29	Glace Bay 38 fide CAM
Feb. 3-29	Bridgetown, <i>Anna.</i> 1 MCR
White-breasted Nuthatch	(Provincial CBC totals: 303 on 26 counts)
Dec.-Feb.	Milton, <i>Queens</i> 2 DPO
Dec.-Feb.	Whites L., <i>HRM</i> 1 BLM
Dec.-Feb.	Bridgetown, <i>Anna.</i> 2 MCR
Dec. 1-Feb. 28	Lr. Sackville, <i>HRM</i> 1-2 RIV, APO
Dec. 7-Feb. 8	Wolfville Ridge, <i>Kings</i> 1-2 JCT
Dec. 15	Wolfville 59 CBC
Dec. 23	Tannery Rd., <i>Lun.</i> 1 ELM
Dec. 29	Glace Bay 3 fide CAM
Jan. 5	Granville Ferry, <i>Anna.</i> 1 DLO
Brown Creeper	(Provincial CBC totals: 68 on 20 counts)
Dec. 1-15	Lr. Sackville, <i>HRM</i> 1-2 RIV, APO
Feb. 8	Wolfville Ridge, <i>Kings</i> 1 JCT
Dec. 15	Whites L., <i>HRM</i> 1 BLM
Feb. 9	Lockeport, <i>Shel</i> 1 Doris Crosby, fide DJC
Jan. 3-Feb. 2	Milton, <i>Queens</i> 2 DPO
Jan. 4	Glace Bay, <i>CBRM</i> 1 BES, GEC
Feb. 9	MacAskills Brook? 1 NSBS
Carolina Wren	
Dec. 11	Ohio, <i>Shel</i> 1 DOE, fide JAH
Dec. 25/Jan. 25	Kentville, <i>Kings</i> 1 Lessel and David
Faloon,	fide JWV
Feb. 12	Herring Cove, <i>HRM</i> 1 SMB
Feb. 23-26	Brookside, <i>HRM</i> 1 John H. Calder, BLM, et al.
Winter Wren	
Dec. 15	Wolfville 1 CBC
Dec. 28	Bedford 1 CBC
Golden-crowned Kinglet	(Provincial CBC totals: 424 on 29 counts)
Ruby-crowned Kinglet	
Dec. 15	Wolfville 1 CBC
Dec. 22	White Pt., <i>Lun.</i> 1 CBC
Dec. 28	Bedford 3 CBC



NORTHERN SHRIKES were quite common this winter. Most, like this one at Hartlen Pt., 24 Feb., were in First-Basic (first-winter) plumage. [Photo Michael Viau]

Blue-gray Gnatcatcher

Dec. 4	Garden Lots, Lun.	1	<i>fide</i> JAH
Dec. 5	Canso Town	1	TOK

TOWNSEND'S SOLITAIRE

Dec. 4	Howie Centre, CBRM	1	Cheyrl Bray
Dec. 9-11	Portuguese Cove, HRM	1	HAT, LAE
Dec. 12-Feb. 13	Whites L., HRM	1	BLM
Dec. 15	CSI	1	CBC
Dec. 16	Caledonia	1	CBC
Dec. 17	Westport, Brier I.	1	George Garron, <i>fide</i> ELM
Dec. 18-Jan 13	Brier I.	1	CBC; CAH
Dec. 28	Allen Heights, HRM	1	DAM, CRM
Dec. ?-Jan. 5	Donkin, CBRM	1	BES, GEC
Jan. 30-Feb. 6	Westphal, HRM	1	Helen MacMillan, SMB, <i>et al.</i>
Feb. 1-25	Salmon R., Lun.	1	JAH, DPO

Hermit Thrush

Dec. 15	CSI	1	CBC
Dec. 16	Caledonia	1	CBC
Dec. 16	Halifax/Dartmouth	4	CBC
Dec. 18	Brier I.	1	CBC
Dec. 22-23	Edward St., Dartmouth	1	DAM, PMC
Dec. 24	The Dingle, HRM	1	HAT, LAE
Jan. 3	Oyster Pond Fire Hall, HRM	1	LUB
Jan. 19-Feb 3	Lr. Sackville, HRM	1	RIV, APO
Feb. 3	Goat L., HRM	1	CJF

American Robin (Provincial CBC totals: 552 on 29 counts)

Dec. 15	CSI	133	CBC
Dec. 16	Halifax/Dartmouth	207	CBC



There were several reports of HERMIT THRUSH this winter, including this lively one Feb. 9 in Cole Hbr., HRM. [Photo Kris Kendall]

VARIED THRUSH

Dec.-Feb.	Greenfield, Queens	1 daily	Susan Hannah, DPO, <i>et al.</i>
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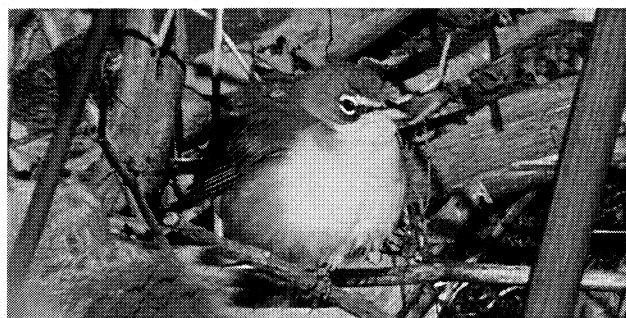
Mimics Through Warblers

By Ken McKenna

Although a few GRAY CATBIRDS were noted in the reporting period none were found on any of the CBCs. NORTHERN MOCKINGBIRD numbers seem to be edging up slightly with the 11 on this year's CBCs, out-pacing the six from last year, but still lower than the 15 year average. Searchers found three BROWN THRASHERS on CBCs; most years a single bird would be a good find.

EUROPEAN STARLING numbers continue to decrease on the CBCs with the 42,000 reported this year being about 20% lower than the 10 year average. The wandering BOHEMIAN WAXWINGS were present in all areas of NS in high numbers throughout the reporting season, although in smaller numbers in most places in February due to a dwindling food supply. The CBC totals were higher than average and have now resumed alternating a low total year with a high total year. Some of the larger flocks are highlighted in the table below.

The early onset of winter probably explained the low variety and numbers of warblers seen this winter. I note only nine for the winter period and only five species on the Christmas Bird Counts. For the first time in 15 years no ORANGE-CROWNED WARBLERS were found on any CBC. A YELLOW-THROATED WARBLER found Dec. 1 on a NSBS field trip was seen by many over the winter. It was photographed Dec. 26 by DAC and he felt that it was "*albilora*" with whitish loreal area and whitish uppermost chin. As per most years, PINE WARBLERS and YELLOW-BREADED CHATS were well represented with a few making it into the February period. Pine Warblers were up a bit in numbers on the CBCs. Chats were particularly numerous in the Halifax-Dartmouth area this winter although the provincial CBC total was a little below average. □



Even with a telephoto advantage, this YELLOW-BREADED CHAT Dec. 2 in Dartmouth was unusually accommodating. [Photo Blake Maybank]



Among this winter's photos of BOHEMIAN WAXWING this one, taken Dec. 7 in Dartmouth, seems representative of the elegance, if not the abundance, of these handsome birds. [Photo David Currie]

Gray Catbird

Dec. 4	Garden Lots, Lun.	1 "runt"	JAH
Dec. 11	CSI, Lun.	1	JAH, DPO
Dec. 20, 22	The Hawk, CSI	1	MUN
Feb. 22(23)	The Hawk, CSI	1	JON. (MUN)

Northern Mockingbird (Provincial CBC total: 11 on 8 counts)

Dec. 1	Yarmouth	1	MUN
Dec. 3	Halifax	1 present all winter	DAM
Dec. 12, Jan. 23	Bedford, HRM	1	GMU
Dec. 15	Sackville, HRM	2	ANM
Dec. 16	Portuguese Cove, HRM	1	<i>fide</i> CLS
Dec. 23	Eagles Hd., Queens	1	DPO
Jan. 3	Starrs Pt., Kings	1	BBT
Jan. 13	Port Hawkesbury, Inv.	1 present a few weeks	DJO
Jan. 20	Centreville, Shel.	1	MUN
Jan. 20- Feb. 8	Kentville	1	RBS

Brown Thrasher (Provincial CBC total: 3 on 3 counts)

Dec. 9-Feb. 29	Colby Village, HRM	1	<i>fide</i> PMC
Dec. 14 & 16	Halls Hbr., Kings	1 photo	RBS, MMC
Jan. 5-9	Bayport, Lun.	1 also on Lunenburg CBC	<i>fide</i> JAH

American Pipit (Provincial CBC total: 31 on 5 counts)

Dec. 4	Garden Lots, Lun.	2	JAH, DPO, DAW
Dec. 4	Second Peninsula, Lun.	12	JAH, DPO, DAW
Dec. 5	CSI	??	MUN
Jan. 1	Hartlen Pt., HRM	3	RIV
Jan. 14-Feb. 2	Broad Cove, Lun.	3	SJF
Feb. 24	Hartlen Pt., HRM	6	DAM

Bohemian Waxwing (Provincial CBC total: 10189 on 28 counts)

Dec. 1-Feb. 29	province wide	~50 reports	var. obs.
Dec. 18	Sable I.	120	ZOL
Dec. 16	Barrington	325	MUN
Dec. 16	Dartmouth	1000	MIK
Dec.-Jan.	Milton, Queens	300+	DPO
Jan. 20	Newellton, Shel.	240	MUN
Feb. 8	Greenwich, Kings	400+	BLF
Feb. 12-13	Wolfville, Kings	500	JWW
Feb. 17	Lower Canard, Kings	250+	JWW
Dec. 9	Lockeport, Shel.	~ 50	DJC
Dec. 15	Barrington, Shel.	1	JCZ
Dec. 17	Hantsport, Hants	20	MFU
Dec. 28	Wolfville	6 on multiflora	JWW
Dec. 28	Kentville	15	RBS
Feb. 10	Halifax	1	SMB

Orange-crowned Warbler

Dec. 1-Jan. 8	Brookdale Crescent, Dartmouth	1	TEP, NSBS
Dec. 2	Middle St., Dartmouth	1 photo	BLM
Dec. 8	Broad Cove, Lun.	1	JAH
Dec. 10	Dublin Shore, Lun.	1	JAH

Northern Parula

Dec. 6	Canso	1	TOK
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Yellow-rumped Warbler (Provincial CBC total: 42 on 5 counts)

Dec. 1 & 5	Canso	1, 3	TOK
Dec. 9	Highland Village, Col.	1	VME
Dec. 11	CSI	12+	JAH <i>et al.</i>
Dec. 20	Sable I.	1	ZOL
Dec. 22	Kingston CBC	1 photo	RBS
Dec. 29	Melmerby PP, Pict.	1	KJM
Dec. 29	Glance Bay	7	<i>fide</i> CAM
Jan. 14	Big I, Pict.	4	KJM
Feb. 5	Sable I.	4	ZOL
Feb. 7	Canso	1	TOK
Feb. 15	Portuguese Cove, HRM	1	HAT
Feb. 17	CSI	25	MUN



This ORANGE-CROWNED WARBLER was id'd in the field by BLM, then confidently (but wrongly) deigned a Nashville Warbler by me (IAM) because of its distinct and seemingly complete eye-ring. This led to an international e-debate on the issue, with a clear consensus that BLM was correct. Among Orange-crowned features, despite its off-standard eye-ring, were its greyish-olive upper breast and throat, and relatively long tail (for a *Vermivora* warbler). [Photo Blake Maybank]

YELLOW-THROATED WARBLER

Dec. 1-Feb. 10	Brookdale Crescent, Dartmouth	1 "abilora", photo	TEP, MIK <i>et al.</i>
Dec. 1	Bissett L., HRM	1	TEP, NSBS
Dec. 1 & 5	Canso	1, 3	TOK
Dec. 5 & Jan. 3	Kingston, Kings	1	PBG <i>fide</i> JWW
Dec.	Kentville	1 dull, photo	RBS
Dec. 8-15	Port Hawkesbury	3	DJO
Dec. 16	Shubenacadie, Col.	1	BLM
Dec. 19	Jeddore Oyster Ponds, HRM	1	LUB
Dec. 21-Feb. 29+	Falmouth, Hants	1	PKE
Dec. 30	Canso	6, 5 at Bent's feeder	TOK
Jan. 5	Lochaber, Ant.	1	JMC, H. MacMillan
Feb. 10	CSI	1	MUN
Feb. 16	Canso	2	KJM, E. Huner

Palm Warbler

Dec. 5	Canso	1	TOK
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Black and White Warbler

Dec. 1	Brookdale Crescent, HRM	1	TEP, NSBS
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Common Yellowthroat

Dec. 16	Halifax CBC	1	<i>fide</i> DAC
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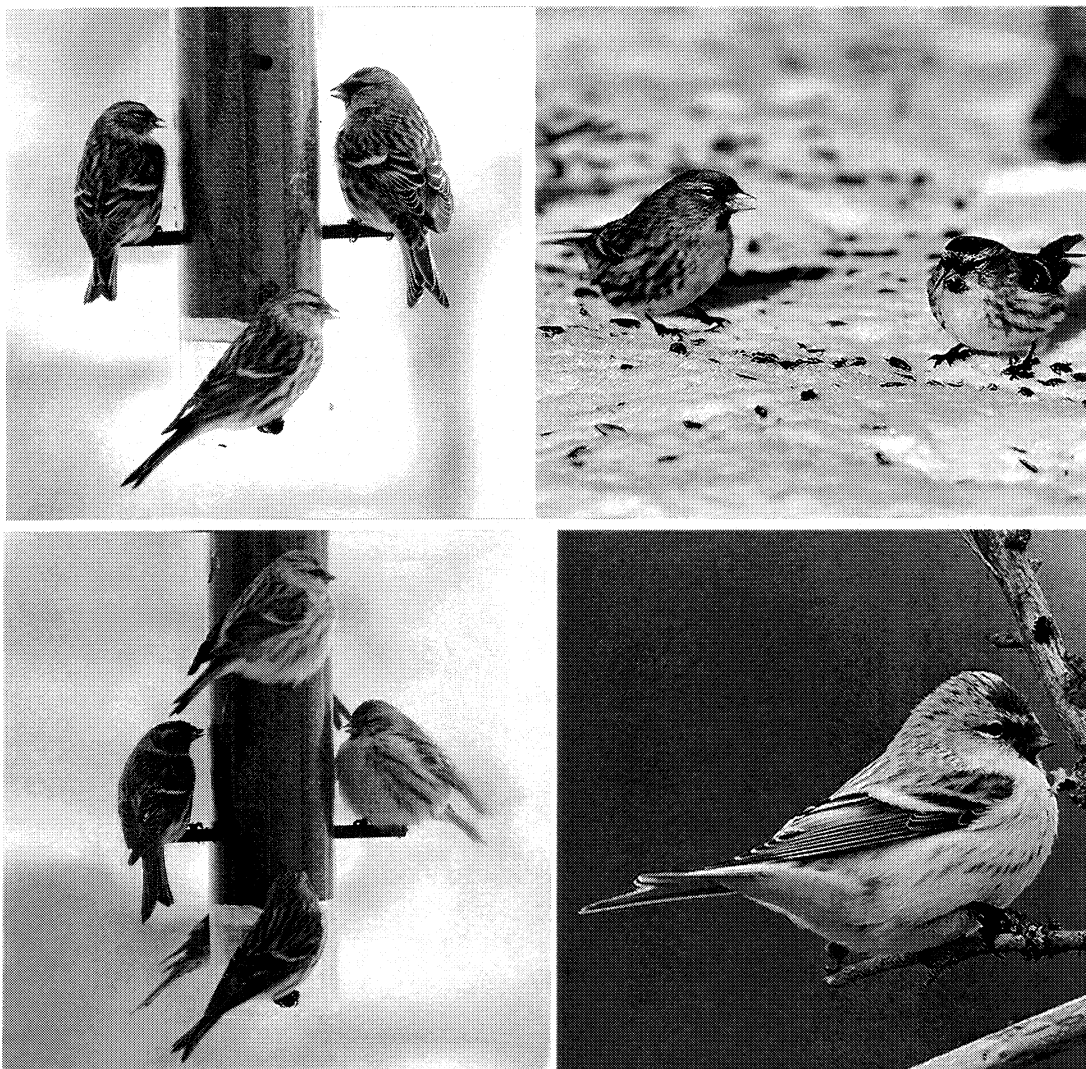
Yellow-breasted Chat

Dec. 1	various Dartmouth locales	4	TEP, BLM
Dec. 2	Middle Rd., Dartmouth	1	BLM
Dec. 6-Feb. 3	Robie St., Halifax	1 photo, "eastern"	JCZ, CLD
Dec. 7	London St., Halifax	1 eating crab-apples	<i>fide</i> SEM
Dec. 9	Seaview Pk., Halifax	1	BLM
Dec. 10	Somerset, Anna.	1 present 2 weeks	<i>fide</i> JWW
Dec. 13-14	Lockeport, Shel.	1	DJC
Dec. 15-Feb. 7	Edward St., Dartmouth	1 (2 Jan. 2)PMC	
Dec. 16	Halifax CBC	3	CLS
Dec. 20	Glance Bay, CBRM	1	BES
Dec. 28	Bedford CBC, HRM	1	John Lock
Jan. 1	Halifax	1	DOU, SMB
Jan. 2	Archibald Ave., Halifax	1	DOU, SMB
Jan. 3	Tower Rd. HRM	1	CJF
Jan. 13	Gardiner, CBRM	1 present some time	<i>fide</i> CAM

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Tanagers Through House Sparrows

By Ian McLaren



This winter gave us experience in separating not only the two species, but also the two subspecies of both COMMON and HOARY REDPOLL. The Common Redpoll subspecies *rostrata* stands out as larger than the more regular *flammea* (upper left, Canso), but is also more broadly streaked, has a brownish wash on the breast, a larger bill with more curved culmen, and a longer black bib (upper right, Sand L., *CBRM*). The more regular Hoary Redpoll subspecies *exilipes* often seems larger because of its tendency to fluff out its plumage (lower left), but adults of the larger high arctic subspecies *hornemanni* (lower right, Sand L., *CBRM*), even without size comparisons, are notably frostier with finer dusky streaking and pure white undertail coverts [Photos: left panels, Tom Kavanaugh; right panels, Alan Murrant]

What a winter! We were alerted in early autumn to an impending influx of seed-eating and fruit-eating birds because of wide failures of their wild food crops across boreal Canada. This periodic phenomenon drives cycles and displacements of many insects, birds, and mammals. The invasions also much depleted wild seeds and fruits here, so bird feeders became the focus of much winter birding. This was especially true during and following big snowfalls, for example in early December and mid-January, when there were noticeable spikes in reporting. You can also see many echoes of this event in the tabulated numbers and seasonal trends of non-boreal species. You may also see that our seasonal reports (even considering everything on NATURENS and NS-RBA as well as lists sent to the NSBS) don't really give an accurate picture of relative numbers; for that, the CBCs are most useful.

Our wintering brushland sparrows, and especially the grassland sparrows, were all below their 15-year averages on CBCs, and reports petered out as the season progressed. This was especially true of SAVANNAH SPARROWS, with a CBC total smaller than any since the early 1990s, and unreported thereafter. Those who visited coastal beaches in early December saw hordes of

SNOW BUNTINGS and COMMON REDPOLLS gleaning the Marram Grass seeds that usually sustain the wintering sparrows. Later reports of the usual feeder sparrows also fell off. This may be partly because they were less exciting than all the winter finches, but there was also a shortage of our 'routine' sparrow rarities – a couple each of EASTERN TOWHEE, CLAY-COLORED, and FIELD SPARROWS, suggesting that the onslaught of northern visitors forced other seed eaters to leave the region. A notable exception was the Snow Bunting, with the largest CBC total since 1989-90. It hails from the arctic, so presumably mostly bypassed the depleted boreal regions and came further south this winter. Worth noting was a male junco with features of the bird illustrated as "Adult male Canadian Rocky Mountains" in *The Sibley Guide* (KJM) that spent December at the Brennan feeder in Hopewell, *Pict.* We have had previous reports and photos of brown-washed immes., but never an ad. male of this intergrade between the Slate-colored and Oregon subspecies groups (sometimes designated a subspecies *cismontanus*).

NORTHERN CARDINALS continued consolidating their status, with a CBC almost 50% higher than last year's previous all-time high. A female *Pheucticus* grosbeak discovered at Brooklyn, *Lun.*, during the White Pt. CBC had features in some ways intermediate between ROSE-BREASTED and BLACK-HEADED GROSBEAK and might have been a (well-known) hybrid of the two.

RED-WINGED BLACKBIRDS and COMMON GRACKLES were in slightly higher numbers than in recent CBCs, but BROWN-HEADED COWBIRDS continued to decline to their lowest CBC since the mid-1960s. It's too bad that two unidentified meadowlarks didn't stay put for critical study. BALTIMORE ORIOLES started out in good numbers but as usual only a few survived winter despite tender loving care at feeders. TOK's young, male BULLOCK'S ORIOLE was a bonus.

PINE GROSBEAKS clearly 'spilled out' of the boreal forest as indicated by this year's CBC which was the highest ever. They continued to delight observers through winter.

Redpolls breed in the taiga and arctic, but most usually winter in the boreal zone. This year they were forced southward, giving us the pleasure of trying to identify, not only the numbers of HOARY REDPOLLS among them, but also the distinct subspecies of each species. HOUSE FINCHES and HOUSE SPARROWS seem to have "bottomed out" on CBCs.

PURPLE FINCHES, the two crossbills, PINE SISKINS and AMERICAN GOLDFINCHES all have good resident populations here, and their CBCs do not suggest that they invaded in great numbers this year.

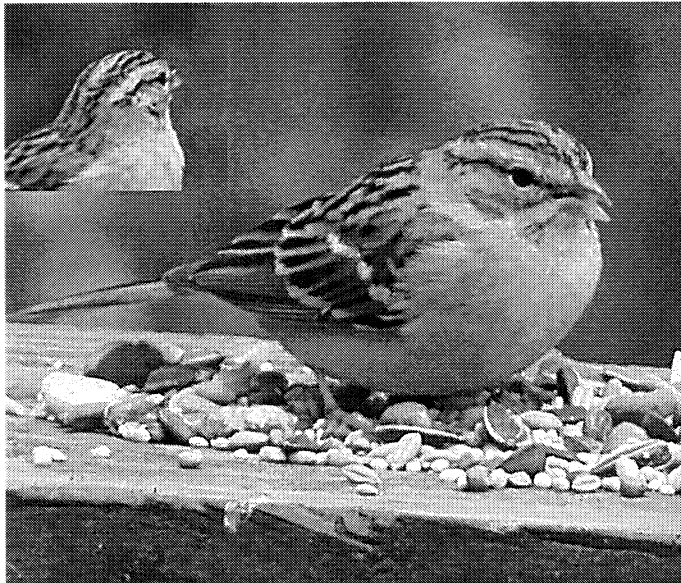
Note: Reports like "2-5 through winter" are included in each monthly or semi-monthly total. □

Eastern Towhee			
Dec. 9-Mar,	Grand Pré, <i>Kings</i>	male	var. obs.
To Dec. 23+?	Cambridge, <i>Kings</i>	male	Stan Riggs
American Tree Sparrow			
CBC	<i>CBRM</i> to <i>Shel.</i>	1,482	
Dec. 1-15	widely 11 reports,	50+ inds.	var. obs.
Dec. 16-31	widely 3 reports,	7 inds.	var. obs.
Jan. 1-15	widely 3 reports,	7 inds.	var. obs.
Jan. 16-31	widely 8 reports,	25+ inds.	var. obs.
Feb. 1-15	widely 3 reports,	18 inds.	var. obs.
Feb. 16-28	widely 5 reports,	9 inds.	var. obs.
Chipping Sparrow			
CBC	<i>CBRM</i> to <i>Yar.</i>	35	
Nov.-Mar.	Halifax	2	at feeder SMB
Dec.	Near Canard, <i>Kings</i>	1	var. obs.
Dec. 1-8	Port Williams, <i>Kings</i>	1	RBS
Dec. 1-17	Canso	1	TOK
Dec. 16	R. Bourgeois, <i>Rich.</i>	1	BID
Dec. 29	Bedford	1	John Lock
Jan. 2-March	Wolfville	1	at feeder JWW
Jan. 4-Jan. 30	Wolfville	2	at feeder JWW
Jan. 14, Feb. 2-29	Lr. Sackville	1	at feeder RIV, APO
Clay-colored Sparrow			
Dec.-Mar.	Wolfville	1	at feeder JWW <i>et al.</i>
Dec. 19-21	CSI	1	at feeder JON, MUN
Field Sparrow			
CBC	Kingston, <i>Kings</i>	1	
Feb. 10	Plymouth, <i>Pict.</i>	1	"still present" KJM
Vesper Sparrow			
CBC		2	
Dec. 26	Grand Pré, <i>Kings</i>	1	DOM
Savannah Sparrow			
CBC		47	
Dec. 9	Pt. Pleasant P., Halifax	1	ABM
Dec. 17	Canso	1	KJM, TOK
Savannah (Ipswich) Sparrow			
CBC	CSI	2	

Fox Sparrow			
CBC	<i>CBRM</i> to <i>Yar.</i>	12	
Dec. 2	CSI		"several" MUN
Dec. 12	Garden Lots, <i>Lun.</i>	2	JAH
Dec. 16-18	CSI	1	at feeder JON
Dec. 23	Rose Bay, <i>Lun.</i>	1	AHM
Feb. 7	Halifax	1	DOM
Song Sparrow			
CBC	<i>CBRM</i> to <i>Shel.</i>	774	
Dec. 1-15	widely 9 reports,	35+ inds.	var. obs.
Dec. 16-31	widely 7 reports,	23+ inds.	var. obs.
Jan. 1-15	widely 7 reports,	22+ inds.	var. obs.
Jan. 16-31	widely 5 reports,	10+ inds.	var. obs.
Feb. 1-15	widely 7 reports,	10+ inds.	var. obs.
Feb. 16-28	widely 4 reports,	9 inds.	var. obs.
Lincoln's Sparrow			
CBC	Canso, Lunenburg	2	
Swamp Sparrow			
CBC	<i>Ant.</i> to <i>Shel.</i>	23	



This handsome EASTERN TOWHEE spent the winter (here Dec. 11) at feeders on the Grand Pré Rd., *Kings*. [Photo Richard Stern]



Fall and winter CHIPPING (left, Halifax, mid-January) and CLAY-COLORED SPARROW (right, Wolfville, Jan. 10) are similar in appearance. The stronger eyeline extending through the lores and more extensively streaked nape are good field marks of Chipping Sparrow. It also has generally less contrast of face markings. Note that two often-suggested field marks might be unreliable: namely, more pronounced crown stripe and brown rather than grey rump on clay-colored. (In the original, the rump on the bird at right is brownish, although with mixtures of grey, and the upper tail feathers are grey). Then, there is the known hazard of hybrids. [Photos left, Suzanne Borkowski; right, Richard Stern]

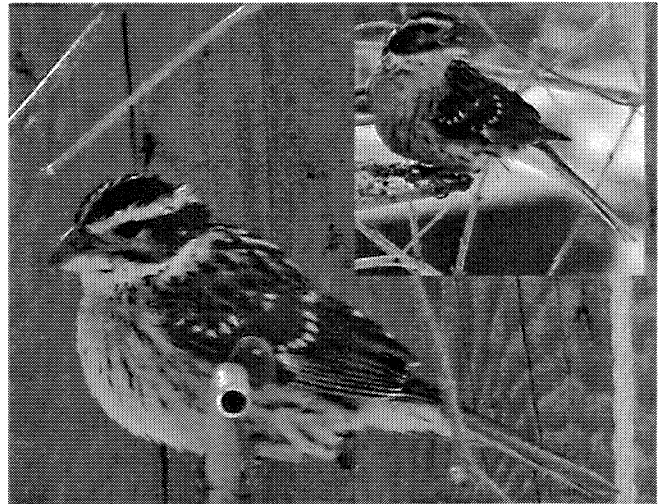
Dec. 16	CSI	2	at feeder	JON
White-throated Sparrow				
CBC	<i>CBRM to Shel.</i>	507		
Dec. 1-15	widely 6 reports,	20+ inds.	var. obs.	
Dec. 16-31	widely 3 reports,	7 inds.	var. obs.	
Jan. 1-15	widely 3 reports,	7 inds.	var. obs.	
Jan. 16-31	widely 8 reports,	25+ inds.	var. obs.	
Feb. 1-15	widely 3 reports,	18 inds.	var. obs.	
Feb. 16-28	widely 5 reports,	9 inds.	var. obs.	
White-crowned Sparrow				
CBC	Port l'Hebert, Wolfville	5		
Wintered	Wolfville	imm.	JWW	
Wintered	Grand Pré, <i>Kings</i>	imm.	var. obs.	
Early Feb.	Canard Acres, <i>Kings</i>	imm.	<i>fide</i> JWW	
Dark-eyed Junco				
CBCs	<i>Vic. to Yar.</i>	4,922		
Dec.	widely 10 reports,	180+ inds.	var. obs.	
Jan.	widely 13 reports,	150+ inds.	var. obs.	
Feb.	widely 9 reports,	110+ inds.	var. obs.	
Lapland Longspur				
CBC	<i>CBRM to Shel.</i>	58		
Dec. 9	Grand Pré, <i>Kings</i>	2	RBS	
Dec. 10	Grand Pré, <i>Kings</i>	50-75	LDE	
Dec. 21	Grand Pré, <i>Kings</i>	1	JWW	
Dec. 22, Jan. 19	Hartlen Pt., <i>HRM</i>	3, 2	RIV	
Dec. 29	Glace Bay	3	BES, GEC	
Jan. 4	Grand Pré, <i>Kings</i>	many	DOM	
~Jan. 20	Pt. Pleasant Pk., <i>HRM</i>	1	ABM, R. Miller	
Snow Bunting				
CBCs	<i>CBRM to Shel.</i>	2,810		
Dec. 1-15	widely 8 reports,	450+ inds.	var. obs.	
Dec. 16-29	widely 10 reports,	1250 inds.	var. obs.	
Jan. 1-31	widely 8 reports,	210+ inds.	var. obs.	
Feb. 10	Margaretsville	50+	DOM	
Feb. 13-18	Mid. Musquodoboit, <i>HRM</i>	35	VJH	
Northern Cardinal				
CBCs	<i>Ant. to Yar.</i>	142		
Winter	<i>Pict. to Shel.</i> , 13 localities	40+ inds.	var. obs.	
Indigo Bunting				
To Dec. 9	N. Halifax Yard	1	var. obs.	
Red-winged Blackbird				
CBCs	<i>CBRM to Brier I.</i>			
Dec. 1-15	widely 10 reports,	115+ inds.	var. obs.	

Dec. 16-31	widely 4 reports,	35+ inds.	var. obs.
Jan. 1-15	widely 4 reports,	140+ inds.	var. obs.
Jan. 16-31	widely 4 reports,	11 inds.	var. obs.
Feb. 3	E. Chester, <i>Lun.</i>	fem.	CJF
Meadowlark sp.			
Dec. 2	Cherry Hill Bch., <i>Lun.</i>	1	SJF
Jan. 13	Hartlen Pt., <i>HRM</i>	1	MIK
Eastern Meadowlark			
Dec. 22-23	CSI	1	MUN
Dec. 26-Feb.	Glace Bay	1	JUM, CAM, <i>et al.</i>
Rusty Blackbird			
CBC	<i>Vic., CBRM, Cum., Ant.</i>	6	
Dec. 1	Brier I.	1	ELM, AHM
Dec. 11	Cherry Hill Bch., <i>Lun.</i>	1	JAH
Dec. 12-14	Crowes Mills, <i>Col.</i>	male	Al Lusk
Common Grackle			
CBCs	<i>CBRM to Shel.</i>	236	
Dec.	widely 7 reports,	30+ inds.	var. obs.
Jan.	widely 7 reports,	45+ inds.	var. obs.
Feb.	widely 7 reports,	9 inds.	var. obs.
Brown-headed Cowbird			
CBCs	<i>CBRM to Yar.</i>	67	
Winter	Canning area	flock ca. 10	var. obs.



Adult male blackbirds with very little rusty feather edging, like this one Dec. 13 at Crowes Mills, *Cum.*, can be mistaken for the rare Brewer's Blackbird. Note, however, the decidedly thinner bill and relatively shorter tail on this bird – good marks of RUSTY BLACKBIRD. [Photo Al Lusk]

Dec. 11 Advocate, <i>Cum</i> .	fem.	KFS	
Feb. 17 Port LaTour, <i>Shel</i> .			
BULLOCK'S ORIOLE			
Dec. 1 - Feb. 20 Canso	young male		TOK
Baltimore Oriole			
CBCs <i>CBRM-Shel</i> .		33	
Dec. 1-15 <i>CBRM-Shel</i> . 6 reports,	13 inds.	var. obs.	
Dec. 16-31 mainland 5 reports,	11 inds.	var. obs.	
Jan. 1-15 <i>HRM, Lun.</i> 4 reports,	4 inds.	var. obs.	
Through winter Broad Cove, <i>Lun.</i> , Truro, Canso, Louisbourg		var. obs.	
Pine Grosbeak			
CBCs <i>CBRM to Shel</i> .		1778	
Dec. 1-15 widely 13 reports,	110+ inds.	var. obs.	
Dec. 16-31 widely 9 reports,	25+ inds.	var. obs.	
Jan. 1-15 widely 14 reports,	37+ inds.	var. obs.	
Jan. 16-31 widely 8 reports,	44+ inds.	var. obs.	
Feb. 1-15 widely 5 reports,	13 inds.	var. obs.	
Feb. 16-28 widely 4 reports,	22 inds.	var. obs.	
Purple Finch			
CBCs <i>CBRM to Shel</i> .		277	
Dec. 1-15 <i>HRM, Kings, Anna.</i> 4 reports,	11 inds.	var. obs.	
Dec. 16-31 no reports (but see CBC)			
Jan. 1-15 <i>Rich., HRM, Queens</i> 3 reports,	12+ inds.	var. obs.	
Jan. 16-31 <i>Rich., Lun., Shel.</i> 3 reports,	16+ inds.	var. obs.	
Feb. 1-15 near Apple R., <i>Cum</i> .	9	KFS	
Feb. 22 near Apple R., <i>Cum</i> .	9	KFS	
House Finch			
CBC <i>HRM</i>		only 37	
Dec. 22 Yarmouth area	22	MUN	
Jan.-Feb. Halifax W. End	8-10	var. obs.	
Winter Halifax S. End	6		
Red Crossbill			
CBC		64	
Dec. 1-15 <i>Ant., Kings</i> 3 reports,	10+ inds.	var. obs.	
Dec. 6-31 R. Bougeois, <i>Rich.</i>	7	BID	
Jan. 6 nr. Crescent Bch., <i>Lun.</i>	9	DOU	
Jan. 27 Kentville	6	AND	
Early Feb. R. Bourgeois, <i>Rich.</i>	Up to 7	BID	
White-winged Crossbill			
CBCs <i>Vic. to HRM</i>		790	
Dec. 2 CSI	1	var. obs.	
Dec. 16-31 widely 5 reports,	5 inds.	var. obs.	
Jan. 1-15 widely 6 reports,	12 inds.	var. obs.	
Jan. 16-31 widely 5 reports,	18 inds.	var. obs.	
Feb. 1-5 no reports			
Feb. 17 Donkin, <i>CBRM</i>	3	BES, GEC	
Common Redpoll			
CBCs <i>Inv. to Yar.</i>		12,831	
Dec. 1-15 widely 21 reports,	330+ inds.	var. obs.	
Dec. 16-31 widely 24 reports,	1,850++ inds.	var. obs.	
Jan. 1-15 widely 20 reports,	2,150++ inds.	var. obs.	
Jan. 16-31 widely 22 reports,	2,200++ inds.	var. obs.	
Feb. 1-15 widely 12 reports,	1,200++ inds.	var. obs.	
Feb. 16-28 widely 6 reports,	350+ inds.	var. obs.	
Hoary Redpoll			
CBC <i>Pict. to Shel</i> .		14	
Dec. 1-15 widely 4 reports,	4 inds.	var. obs.	
Dec. 16-31 widely 13 reports,	13 inds.	var. obs.	
Jan. 1-15 widely 14 reports,	24+ inds.	var. obs.	
Jan. 16-31 widely 13 reports,	26+ inds.	var. obs.	
Feb. 1-15 widely 5 reports,	10 inds.	var. obs.	
Feb. 16-28 widely 4 reports,	4 inds.	var. obs.	
Pine Siskin			
CBCs <i>Vic. to Anna.</i>		580	
Dec. 1-15 widely 8 reports,	55+ inds.	var. obs.	
Dec. 16-31 widely 6 reports,	108+ inds.	var. obs.	
Jan. 1-15 widely 16 reports,	126+ inds.	var. obs.	
Jan. 16-31 widely 13 reports,	350+ inds.	var. obs.	
Feb. 1-15 widely 6 reports,	250+ inds.	var. obs.	
Feb. 16-28 widely 4 reports,	45+ inds.	var. obs.	
American Goldfinch			
CBCs <i>CBRM to Shel</i> .		9,216	
Dec. 1-15 widely 14 reports,	185+ inds.	var. obs.	



Separating the two *Pheucticus* grosbeaks in First Basic plumage, like this CBC bird, Dec. 23 in Brooklyn, *Queens*, can be tricky. The dark upper bill of BLACK-HEADED GROSBEEK is often mentioned as a distinction, but this may also be dark on first-winter male ROSE-BREADED GROSBEEK. Like this bird, a young male rose-breasted can be quite richly peach colour below, more like black-headed. A young male rose-breasted usually (but not this bird) has some red on the lower breast. The dark ventral streaking on a female black-headed is finer and is absent from at least the upper chest (as on this bird), but is coarser on rose-breasted (and this bird), at least on the lower flanks. Expert consensus suggests rose-breasted, but the possibility that it was a (well-known) hybrid has also been suggested. [Photo Dorothy Poole].

Dec. 16-31 widely 9 reports,	110+ inds.	var. obs.
Jan. 1-15 widely 8 reports,	95+ inds.	var. obs.
Jan. 16-31 widely 8 reports,	90+ inds.	var. obs.
Feb. 1-15 widely 12 reports,	200+ inds.	var. obs.
Feb. 16-28 widely 7 reports,	95+ inds.	var. obs.
Evening Grosbeak		
CBCs <i>CBRM to Shel</i> .		2,455
Dec. 1-15 widely 10 reports,	300+ inds.	var. obs.
Dec. 16-31 widely 10 reports,	120++ inds.	var. obs.
Jan. 17 Apple R., <i>Cum</i>	1	KFS
Jan. 19 Tremont, <i>HRM</i>	1	SLH
mid-Feb. Wolfville Ridge	~12	<i>fide JCT</i>
House Sparrow		
CBCs <i>Inv. to Yar.</i>		3,235
Winter <i>HRM, Kings</i>		21 flocks of 6-15 var. obs.



Without showing its white outer tail feathers or rusty "shoulders" (i.e., lesser coverts, often hidden by the scapulars) the VESPER SPARROW (this one in Kentville during the Wolfville CBC) is rather featureless and can be a tricky id. But its chunky appearance, heavy streaking, and distinct eye-ring stand out among other sparrows. [Photo Richard Stern]

Master Contributor List:

March 1, 2008
Sorted by Initials

MacLean, Angus	AAM	Currie, David	DAC	Forsythe, Harold	HAF
Moores, Bernice	ABM	Harris, Dave	DAH	Toom, Hans	HAT
Atlantic Bird Observatory	ABO	MacNeill, Don	DAM	Kwindt, Henk	HEK
d'Entremont, Andre	ADE	Pugh, David	DAP	Halifax Field Naturalists	HFN
Dubois-Laviolette, Andree	ADL	Walmark, David	DAW	Hall, Helen & Hubert	HHH
Horn, Andy	AGH	Banks, Dan	DBA	O'Shea, Helen	HOS
Wellwood, Audrey	AGW	McCorquodale, Dave	DBM	Hall, Hubert	HUH
Mills, Anne	AHM	Bridgehouse, Derek	DBR	Van Donick, Helene	HVD
Morrison, Aileen	AIM	Christie, David	DCH	McLaren, Ian	IAM
Smith, Aileen	AIS	Codling, Don	DCO	Paterson, Ian	IAP
Erskine, Anthony J.	AJE	Fiske, Dean	DEF	Roseby, Ian	IRO
Doull, Ann	ALD	Jones, Dennis	DEJ	Cameron, James	JAC
Kingsley, Andrea	ALK	Quann, Derek	DEQ	Fletcher, Jane	JAF
Murrant, Allan	ALM	Hippert, Dennis	DHH	Hirtle, James	JAH
MacDonald, Andrew	AMA	Hughes, David	DHU	MacNeil, Jack	JAM
Moir, Andy	AMO	Young, David	DHY	Mills, Jane	JAN
Dean, Andy	AND	Thorpe, Dianne	DIT	Purchase, Joyce A.	JAP
Hebda, Andrew	ANH	Crosby, Donna	DJC	Morse, Jean & Bill	JBM
Morrison, Ann	ANM	Johnston, David	DJO	Ogden, Jeff	JBO
Pouliot, Anita	APO	Forbes, Don	DLF	Morrow, Jim	JCM
MacLean, Stella	ASM	Lowe, D.	DLO	Tufts, Judy	JCT
Vienneau, Azor	AZV	Morrison, Donna	DMO	Czapalay, Joan	JCZ
Hinds, Barbara	BAH	Welch, Dottie M. K.	DMW	d'Entremont, Jacqueline	JDE
Boehner, Barry	BBA	NS Dept. of Natural Resources	DNR	Brennan, Jean	JEB
Breeding Bird Survey	BBS	Cameron, Dorothy	DOC	Hartley, Jean	JEH
Thexton, Bill & Brenda	BBT	Ensor, Donna	DOE	Morse, Jean	JEM
Burke, Bernard	BBU	Linzey, Doug	DOL	Timpa, Jean	JET
Cunningham, Barc	BCU	MacLaughlin, Don	DOM	Foley, Jan	JFO
McLaren, Bernice	BEM	Doull, Elizabeth	DOU	Hipson, Joyce	JHI
Sarty, Bev	BES	Whitaker, Darroch	DOW	Hughes, Janey	JHU
Billington, Bill	BIB	Poole, Dorothy	DPO	Camolli, Jill	JIC
Digout, Billy	BID	Watson, Dave	DWA	Nocera, Joe	JJN
Smith, Betty June	BJS	Purchase, Don W.	DWP	d'Eon, Jerome K.	JKD
Forsythe, Bernard	BLF	Black, Elaine	EBB	McLean, Jesse	JLM
Maybank, Blake	BLM	Ruff, Barbara & Eric	EBR	McGee, Jeanne	JMC
Morrison, Bob	BMO	Gidney, Elizabeth	EGI	Mills, Joan	JMI
Blomidon Naturalist Society	BNS	Harding, Eric	EHA	Allen, Joyce	JOA
Dalzell, Brian	BRD	Cooke, Eric	EHC	Belbin, John	JOB
MacTavish, Bruce	BRM	Billington, Eileen	EIB	Kearney, John	JOK
Stevens, Bruce	BRS	Mills, Eric L.	ELM	Nickerson, Johnnie	JON
Bird Studies Canada	BSC	Stern, Elizabeth	ELS	Sollows, John	JOS
Kent, Bethsheila	BSK	McCorquodale, Eric	EMC	Verreault, Jocelyn	JOV
Starzomski, Brian	BST	Murphy, Ethelda	EMU	Waldron, Joan	JOW
Haycock, Carl	CAH	Spalding, Edgar	EPS	Perron, Jacques	JPE
Murrant, Cathy	CAM	Parker, Etta	ETP	Porter-Haley, Jackie	JPH
Stewart, Cathy	CAS	Greig, Fred C.	FCG	Alexander, Jane	JQA
Christmas Bird Count	CBC	Dobson, Evelyn & Fred	FED	Mills, Jane	JRM
Callaghan, Christine	CCA	MacKenzie, Fred H.	FHM	Rubin, John	JRU
Cyril Coldwell Raptors and	CCC	Lavender, Fulton L.	FLL	Bleakney, Sherman	JSB
Eagles Count of Eastern		Spalding, Francis	FLS	Cohrs, Shirley	JSC
Kings County		McEvoy, Fritz	FMC	Shermerhorn, Jeannie	JSH
Davis, Cheryl	CDA	Randall, Frank	FRR	Simpson, James	JSI
Spicer, Cindy D.	CDS	Dobson, Fred	FWD	Graves, June	JUG
Thomson, Chris	CET	Smith, Gary	GAS	Metcalfe, Hugh "Junior"	JUM
Brennan, Calvin	CGB	d'Entremont, Giselle	GDE	O'Brien, Judy	JUO
Helleiner, Chris	CHE	Crowell, George	GEC	Paquet, Julie	JUP
Creighton, Cindy	CIC	Digout, George	GED	Swift, June	JUS
Field, Chris	CJF	Lunn, Gerry	GEL	MacInnis, John W.	JWM
Diggins, Claire	CLD	Metcalfe, Geraldine	GEM	Wolford, Jim	JWW
Stevens, Clarence, Jr.	CLS	Forsythe, George	GFO	Allard, Karel	KA
MacNeill, Carol	CRM	Trueman, Gerry M.	GMT	Chiasson, Karen	KAC
MacDonald, Clive S.	CSM	Murray, Gary	GMU	Popma, Kathy	KAP
Stevens, Clarence R. Sr.	CSS	Myers, Gary	GMY	Black, Keith	KBL
Stoddard, Clyde	CST	Milroy, Grant	GRM	Mueller, Kerstin	KEM
Toplack, Chris	CTO	Williams, Geraldine	GTW	Spicer, Kathleen	KFS
Rendall, Curtis	CUR	Tufts, Gordon	GWT	Gigeroff, Kier S.	KGI
Canadian Wildlife Service	CWS	Brennan, Harry	HAB	McKenna, Ken J.	KJM
Algar, Dave	DAA	Dobson, Harold	HAD	Keddy, Keith	KNK

Bell, Lise Ann	LAB	Chivers, Bobby	RSC	Brennan, Dennis
Elliot, Laura	LAE	d'Entremont, Raymond	RSD	Britton, Mike
Lavoilette, Lance	LAL	McDonald, Robert S.	RSM	Browne, Peter
Reeves, Lee Anne	LAR	Knapton, Richard	RWK	Browne, Susan
Churchill, Lana	LCH	Hiltz, Sandy	SAH	Bryson, Phyl
DeCicco, Luke	LDE	Nickerson, Sandra	SAN	Buckland-Nicks, Rob
Ellis, Lynn	LEL	Williams, Sherman	SAW	Burke, Peter
Hall, Linda	LHA	Barnaby, Shelly	SBA	Burke, T.
Thurber, Linden	LIT	Boates, Sherman	SBO	Burke, Vernon
Codling, Lois	LOC	Yetman, Scott	SCY	Cameron, Arthur
Perry, Lillian	LPE	Digout, Sharon	SDI	Cameron, Vandyke
Payzant, Linda & Peter	LPP	Myers, Susann	SEM	Campbell, Dawn
Berrigan, Lucas	LUB	Gidney, Shane	SGI	Caudle, Bill
Alward, Mary	MAA	Gleich, Steve	SGL	Caudle, Bill & Christine
Brennan, Mark	MAB	Hawboldt, Steve	SHA	Chalmers Family
Dufresne, Martine	MAD	Hawboldt, Sharon	SHH	Chalmers, Garth
Gibson, Merritt	MAG	McCurdy, Sheila	SHM	Chalmers, Joyce
McLaren, Mary	MAM	Hughes, Shirley	SHU	Chardine, John
Quinn, Marion	MAQ	Smith, Sid	SIS	Cohrs, Lise
Tams, Miriam	MAT	Fullerton, Sylvia	SJF	Churchill, James
Baker, Matt	MBA	Hulford, Sheila	SLH	Clarke, Christopher
Cameron-MacMillan, Maureen	MCM	Borkowski, Suzanne	SMB	Cloghessy, Neil
Rice, Maggie	MCR	McCurdy, Sheila	SMC	Cooke, Louise
Krawchuk, Meg	MEK	Bushell, Steve	STB	Cooper, Jen
Fulton, Marian	MFU	Hiltz, Stephen	STH	Copenhaver, Ken
Mitchel, Grant	MGR	Vines, Steve	STV	Cornier, Dominic
King, Michael	MIK	Herman, Tom	TBH	Courage, Donnie
Holder, Matthew	MLH	Bidwell, Tony	TBI	Courage, Rose
McCall, Mike	MMC	d'Eon, Ted	TCD	Courage, Tim
Pratt, Mary	MPP	Crane, Terri	TCR	Crosby, Bill
Mills, Maureen	MSM	Crowell, Terry	TEC	Crosby, Derek
Newell, Murray	MUN	Paquet, Terry	TEP	Crossland, Donna
Goring, May	MZG	Allison, Tim	TIA	Crowell, Beverly
NS Bird Society Field Trip	NSBS	Fitzgerald, Trina	TMF	Crowell, Edna
NS Migration Count	NSMC	MacDonald, Theresa	TMM	Crowell, Mike
Seymour, Norm	NSE	Crane, Tom	TOC	Czupalay, Ava
Snyder, Nellie	NSN	Kavanagh, Tom	TOK	Dadswell, Mike
Comeau, Peter	PAC	Regan, Tom	TRE	Daffey, Stephanie
Martin, Pat	PAM	Lutz, Tracy	TRL	Daley, Vicki
Giffin, Barbara & Patrick	PBG	Wolkowski, Ted	TWO	Dallien, Allison
Bower, Pam	PBO	Höger, Ulli	ULH	Davies, Peter
Hope, Peter	PEH	Urban, Deanna & Walter	URB	Davis, Pat
LeBlanc, Peter	PEL	Higgins, Verna J.	VJH	Dean, Lelia
Richard, Peter	PER	Meredith, Valerie	VME	Delorey, Harry & Rose Ann
Smith, Peter C.	PES	Neily, Wayne	WAN	d'Entremont, Alix
Bell, Peter	PHB	McDonald, Wendy	WEM	d'Entremont, Bernice
Taylor, Phil	PHT	Atwood, Skipper (Wilfred)	WIA	Digout, April
Kelly, Patrick	PKE	Kettleton, Win	WIK	Digout, Murdoch
Chalmers, Patricia L.	PLC	MacPhail, Weldon	WMA	Dixon, Lisa
MacDonald, Paul	PMA	Lucas, Zoe	ZOL	Donovan, Amelia
McKay, Pat	PMC			Doucette, Bruce
McLarty, Pat	PML	Abbott, Sue		Draper, L. A.
Gould, Paul	PRG	Adams, Darrell J.		Drope, Heather
Stowe, Peter	PST	Aikens, Kathleen		Elderkin, Mark
Quinn, Paul	PWQ	Algar, Adam		Elliot, Richard
Dempsey, Ray	RAD	Allen, Bruce		Erskine, D.
Arsenault, Ronald	RAR	Allen, Carla		Eye, Lisa
Stern, Richard	RBS	Allen, Gerald		Fancy, Lilian
MacPhee, Roslyn C.	RCM	Alliston, George and Margaret		Farner, David
MacRae, Doug	RDM	Amirault, Diane		Ferguson, Rick
Smith, Ruth E.	RES	Arslan, Sandy		Ferns, Lyn
Lauff, Randy F.	RFL	Aucoin, Gwen		Fiske, Andre
Lindsay, Robert H.	RHL	Aveline, Dana		Fiske, Autumn
Ballard, Rick	RIB	Backstrom, Darrell		Fleming, J.
Hatch, Richard	RIH	Bearne, Bob		Forman, Maria
Viau, Rita	RIV	Bearne, Joan		Forman, Phil
Speirs, Robert J. N.	RJS	Belbin, Ben		Forsythe, Arnold
McDonald, Robert	RMA	Bentley, Michael		Forsythe, Sandra
McCormick, Roland	RMC	Bissix, Sue		Foxall, Roger
Denton, Robbie	ROD	Black, John		Franklin, Anne
Gallinger, Rosemary	ROG	Blackwood, Jean		Gallop, Fred
Hall, Ross	ROH	Blood, Lowell		Gardener, Anna
Loucks, Ronald H.	ROL	Bondrup-Nielsen, Soren		Gautreau, Karina
Woods, Robert	ROW	Bourque, Rosemary		Gibson, Jamie

Giffin, Patrick
 Gilbert, Gloria
 Gladman, Pat
 Hall, Prudence
 Hall, Rick
 Harte, Ian
 Hartlen, Gary
 Hawes, Pat
 Hawkins, Chris
 Healey, Bob
 Hebb, Matt
 Hicklin, Peter
 Hiltz, Brenda
 Hodgman, Blair
 Hoogenbos, Rachel
 Hughes, Anne
 Hughes, Bill
 Huner, Ethan
 Inkster, Chip & Rob
 Jackson, Bernard
 Jankowski, Meaghan
 Jantunen, Jukka
 Jensen, N.
 Kajdas, Ted
 Kavanagh, Terri
 Keizer, Elizabeth
 Kendell, Charlie
 Kent, Floyd
 Kipp, E.
 Laforce, Wendy
 Lehman, Paul
 Leonard, Marty
 Lewis, Brian
 Lewis, Sandra
 Lindsey, Eleanor
 Lively, Kim
 Lloyd, Shirley
 Lock, John
 Lock, Tony
 Longaphy, John
 Love, Elke
 Lukeman, Greg
 MacAuley, Ken
 MacDonald, Alexander
 MacDonald, Blaine
 MacDonald, Peter
 MacIntosh, R. & T.
 MacKenzie, Martha
 MacKillop, Eileen & Jack
 MacLean, Dave
 MacLean, Lynn

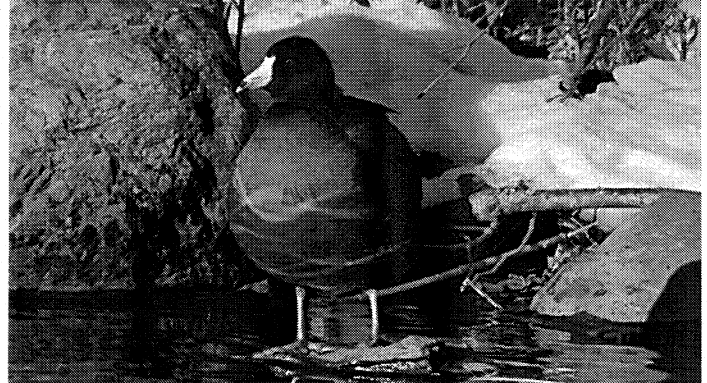
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 MacMillan, Harriet
 MacPhee, Patrice
 Madore, Harold
 Majka, Chris
 Malcolm, Candace
 March, Karen
 Markle, D.
 Marsh, Suzanne
 Martin, Yvonne
 McCarthy, Heather
 McCurdy, R.
 McEachern, Isla
 McKie, Cathie
 McQuestion, Diane
 Meister, E. & V.
 Mickey, Al
 Mills, Chris
 Mills, Maureen
 Moores, Jennifer
 Morrison, Barney
 Morrison, Ken
 Morrison, Sam
 Murphy, M.
 Murphy, Richard
 Nette, Andy
 Nettleship, David
 Nickerson, Craig
 Nickerson, Dean
 Nickerson, Emma
 Nickerson, Joey
 Nickerson, Nancy
 Nickerson, Russ
 O'Brien, Jim
 O'Brien, Mike
 O'Neill, Mike
 Payzant, Peter
 Peckford, Mike
 Pelletier, Aimee
 Percy, Jon
 Pery, Lillian
 Pilling, Jodi
 Podolak, Alice
 Poirier, Natasha
 Porteous, Leigh
 Pulsifer, Mark
 Queen, Shannon
 Rand, Duncan
 Raynor, Edward
 Redden, Virginia

Reid, Marie & Rick
 Rhodenizer, Glen
 Richard, Joe
 Riggs, Stan
 Rogerson, Gail & Ron
 Roseby, Daphne
 Rubin, Trish
 Rutledge, Cheryl
 Sabeau, Barry
 Sabine, D.
 Sajotovich, Mark
 Schlosberg, David & Jane
 Scott, Fred
 Sedgwick, Don
 Slaunwhite, Angela
 Smith, Rachel
 Snow, Kevin
 Sollows, Clark H.
 Soudek, Dusan
 Spicer, Blaine
 Stackpool, Dan
 Staicer, C.
 Stewart, Tony
 Stoddard-Pageau, Debbie
 Stone, Jon
 Swift, Jamie
 Swim, Garvin
 Tay, Karl
 Taylor, Barry
 Taylor, Lela
 Teed, Jeff
 Thomas, Bob
 Thomas, Martin
 Thorpe, Ken
 Timmons, Anthony
 Timpa, Stephanie
 Tingley, Stuart
 Titus, Laura
 Tower, Barb
 Turner, Martin
 Vassallo, Monique
 Venters, Tim
 Viau, Mike
 Wagner, Chris
 Walsh, Katrina
 Wamboldt, Marie
 Webster, David
 Weber, Teri
 Whittam, Becky

□□□



One of a half-dozen CAROLINA WRENS this winter was photographed Jan. 12 at Herring Cove, HRM. [Photo Robert McDonald]



This winter more AMERICAN COOTS than usual stayed on Sullivans Pond, Dartmouth. This one was photographed on Dec. 8. [Photo Richard Stern]



Winter Weather Report 2007-2008 December, January and February

By Larry Bogan

Weather Data from Atlantic Food & Horticulture Research Centre, Kentville

	Max C	Min C	Mean C	Snow cm	Total Prec mm	Bright Sunshine Hours	mean SOG* cm
December	0.0	-9.3	-4.7	50.5	74.0	61.0	19.2
46 yr avg	1.7	-6.1	-2.2	55.0	125.5	60.0	3.1
January	1.1	-9.5	-4.2	22.1	96.1	86.1	14.2
47 yr avg	-1.2	-9.7	-5.5	67.8	116.4	66.8	5.5
February	1.0	-9.1	-4.0	52.3	143.5	107.8	19.7
47 yr avg	-0.9	-9.8	-5.3	57.0	94.7	100.7	25.2
Season	0.7	-9.3	-4.3	124.9	313.6	254.9	17.7
47 yr avg	-0.1	-8.5	-4.3	179.8	336.6	227.5	11.0

*SOG = Snow On the Ground

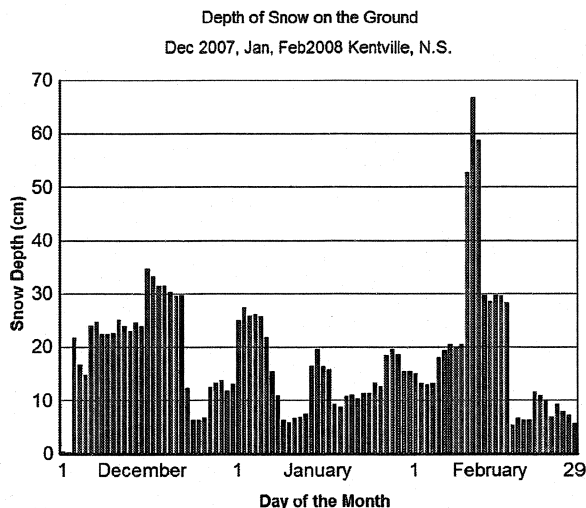
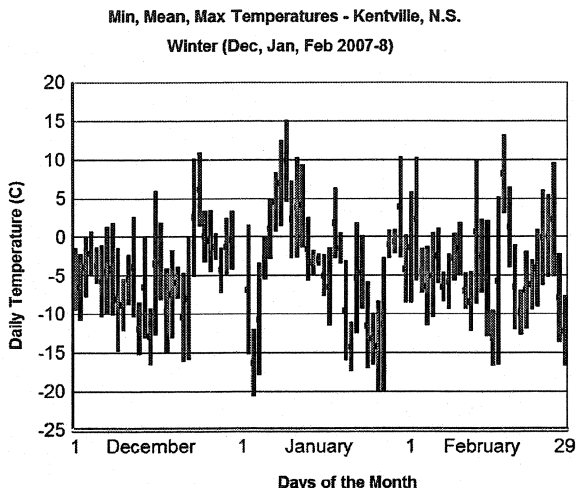
Wow, what an unchanging winter season! The mean temperatures for the three months are (in order) -4.7, -4.2, and -4.3. The mean depth of snow on the ground each month was 19.2, 14.2, and 19.7 cm. There is very little difference between the months in this data. Of course the days were getting longer during the season and there were more bright sunshine hours in February than January and in January than December.

This winter December was the coldest month of the season and was similar in temperature to the other two months. The coldest part of the winter usually is at the end of January, so January and February have about the same mean temperature. This year December was 2.5° C below the long term average while both January and February were 1.3° C warmer than average. The overall winter season ended up having a normal mean temperature. Look at the graph of daily temperatures for the season and note the lack of any trend for warmer or colder during the season.

Because of the low temperatures in December, a larger fraction of its precipitation fell as snow than we usually see (about 2/3 rather than the usual 2/5). The total precipitation that month was actually 50 mm below average but the snowfall was about normal*. In fact the whole winter season was shy on snow (50 cm) and rain (23 mm). You would never know it from the number of days with snow/rain fall. There were 12, 15, and 19 days of precipitation in the three months the winter. That adds up to half of the days of the season having some precipitation. Of course many were light snows probably associated with flurries off the Bay of Fundy.

This year the snow never completely disappeared off the ground despite the few thawing periods that we had. The longest warm period was at the traditional time of the 'January' thaw when we had a whole week above freezing (Jan 6-Jan 12). In contrast the only other period was two days of Feb 18-19 when we again lost a lot of the snow on the ground. See the accompanying graph for the depth of snow on the ground variations throughout the season.

It is surprising that with all the precipitation, the sunshine hours were above average for the season and for all three months.



There has been a pattern all winter which I hope is now gone. A large mass of arctic air would swing down from the Canadian northwest; as it moved east the counter-clockwise circulation brought warm air and moisture up from the Carribean. The air mass would then move over the maritimes and it would cool down and snow. The only variable seemed to be where the center of the air mass would be when it went by. If it was north, Nova Scotia would be warmer and have less snow. In my experience patterns like this last about six weeks but this winter the pattern has persisted and given us the thraw-freeze cycle time and time again.□

*(Note: I am using the conversion that 1 mm rain = 1 cm snow)
SOG = Snow On the Ground



An Enchantment of Birds

By Richard Cannings, Illustrated by Donald Gunn

Greystone Books, 2007, Douglas & McIntyre Publishing Group; 211 pages, ISBN- 978-1-55365-235-9

Cannings has great skill in painting pictures with words. He makes you see and feel the joy of birding while sitting in your easy chair reading his exciting stories.

The author picked thirty species and describes the habitat they like best. The readers will find themselves walking in the author’s footsteps. The sad part of the stories is the disappearances of proper habitat in order for many bird species to prosper. He stimulates the reader to take action to help.

Donald Gunn’s illustrations add living enhancement to the thirty featured species.

Clarence Stevens, Sr.

NOVA SCOTIA CHRISTMAS BIRD COUNTS 2007-2008

David Currie, Editor

The 2007/2008 Christmas Count period, which ran from Dec 14 through to January 5, was a challenge for many compilers who tried their best to avoid poor weather conditions and at the same time, have as many people participate as possible. This season, several counts were re-scheduled, some had only a very few intrepid observers and one was cancelled altogether. With more snow and colder temperatures than more recent times, this season brought record numbers of Bohemian Waxwing and Common Redpoll including the much rarer Hoary Redpoll into the area. Notable as well, were the large numbers of Pine Grosbeaks, which have for several years now been difficult birds to find even in suitable habitat.

Twenty thousand fewer Starlings were counted than average which is an unusually large number to simply dismiss. Our gulls, in general, are continuing their slide downward with Herring and Great Black-backed Gulls at about 50% of their ten year average. Their numbers may be a bit easier to explain with our waste disposal improving and fewer fishing operations. Cowbirds with only 36 in total found in the whole Province, are continuing to bottom-out. Their average over 15 years is about 150. On the plus side of things, however, Cardinals have doubled their average, B.C. Chickadees, Blue Jays and Crows all are showing increased numbers.

We had difficult species this year to identify, the grosbeak (*phœticus* sp. on the White Point CBC was a challenge for sure. This was either a female Rose-breasted or Black-headed Grosbeak (or somewhere between). A flycatcher species during the Annapolis Royal CBC posed an understandable problem with identification but seemed at least plausible that it was an Eastern Phoebe. The Cooper's Hawk on the Halifax Count, even with photos, took some effort, but with experts from near and far, its identity and existence are included in these results. Notable birds this year included a Black Vulture (first ever for a NS CBC), Ivory Gull, Bullock's Oriole (2nd record for NS CBC), and a Yellow-throated Warbler, all at Canso. □

Twenty most abundant species with corresponding last ten years' averages

Species	Actual 2007	10 yr. Avg	Species	Actual 2007	10 yr Avg
American Crow	56888	39932	Blue Jay	7963	5818
European Starling	41693	61012	Mourning Dove	7232	6690
Herring Gull	15241	28371	Common Eider	6110	5830
Black-cap Chickadee	13068	12119	Red-breast Merganser	5074	3660
American Black Duck	13043	17822	Dark-eyed Junco	4922	5747
Common Redpoll	12831	3481	Greater Scaup	4897	5165
Canada Goose	12219	11709	Mallard	4646	3964
Bohemian Waxwing	10189	3059	House Sparrow	3235	4736
American Goldfinch	9216	8957	Common Goldeneye	3163	3003
Rock Pigeon	8081	8092	Great Black-backed Gull	3104	6573

Results/Effort with Corresponding 10 and 15 Year Averages

Results/Effort	Actual 2007	10 Yr. Average	15 Yr. Average
Total Species Seen	161	167	162
Total Individual Birds	279,209	288,755	276,642
Observers in Field	600	648	614
Feeder Watchers	746	607	547
Number of Hours	1674.75	1906	1810
Number of Kilometres	10903	12548	12271

AMHERST, Dec 19; 7:30AM to 5PM. Temp. -24 to -7C. Wind NW 0-5 switching to NE in PM. Snow 30cm. Still water frozen, moving partly frozen. Skies clear all day. 31 field observers in 9-23 parties, 3 at feeder. Total party hours 119.5 (68.5 on foot, 51 by car). Total party kilometres 612.3 (78.5 by foot, 507.8 by car).

Common Eider 25; Common Merganser 17; Ring-necked Pheasant 126; Ruffed Grouse 8; Bald Eagle 18; Sharp-shinned Hawk 2; Northern Goshawk 3; Red-tailed Hawk 2; Rough-legged Hawk 8; Ring-billed Gull 7; Herring Gull 177; Iceland Gull 10; Great Black-backed Gull 91; Rock Pigeon 452; Mourning Dove 344; Great Horned Owl 1; Barred Owl 4; Red-bellied Woodpecker 1; Downy Woodpecker 31; Hairy Woodpecker 32; Northern Flicker 1; Pileated Woodpecker 5; Northern Shrike 3; Gray Jay 14; Blue Jay 248; American Crow 811; Common Raven 127; Horned Lark 14; Black-capped Chickadee 979; Boreal Chickadee 5; Red-breasted Nuthatch 25; White-breasted Nuthatch 3; Brown Creeper 3; Golden-crowned Kinglet 40; American Robin 8; Northern Mockingbird 1; European Starling 1306; American Pipit 1; Bohemian Waxwing 267; American Tree Sparrow 103; Song Sparrow 2; White-throated Sparrow 1; Dark-eyed Junco 59; Lapland Longspur 17; Snow Bunting 93; Pine Grosbeak 319; Red Crossbill 13; White-winged Crossbill 1; Common Redpoll 729; American Goldfinch 72; Evening Grosbeak 128; House Sparrow 21.

Total Species 52, about 6,778 individuals.

Ivy Austin, Sean Blaney, Doug Bliss, Sydney Bliss, Paul Bogaard, Andrew Boyne, Sandy Burnett; Greg Campbell, Roland Chiasson, Mickey Comeau, Vicky Daley, Jackie Davidson; Kevin Davidson; Richard Elliott, Sheri Faulkner-Jackson, Maida Follini, Jason Hudson, Andrew Kennedy, Amy Kouwenberg, Percy Landry, Andrew MacFarlane, Colin MacKinnon, Kevin McAloney, Julie McKnight, Jeffrey Ogden, Julie Paquette, Al Smith, Cindy Spicer, Kathleen Spicer, **Becky Stewart (compiler)**, Jennifer Stewart, Kyle Wellband, Becky Whittam.

ANNAPOLIS ROYAL, Dec 29; 9AM to 4PM. Temp. 0 to -3C. Wind NE 20kmph. Snow 12cm. Still water frozen, moving partly frozen. A.M. cloudy, heavy snow, P.M. cloudy, light rain/snow. 21 field observers in 12 parties, 67 at feeders. Total party hours 38 (18 on foot, 20 by car). Total party kilometres 248.5 (23 by foot, 225.5 by car).

American Black Duck 272; Mallard 37; Greater Scaup 15; Common Eider 9; White-winged Scoter 4; Long-tailed Duck 430; Bufflehead 88, Common Goldeneye 6; Common Merganser 1; Ring-necked Pheasant

36; Ruffed Grouse 1; Common Loon 4; loon species 1; Horned Grebe 3; Red-necked Grebe 2; Bald Eagle 5; Northern Harrier 1; Sharp-shinned Hawk 2; **Broad-winged Hawk 1**; Red-tailed Hawk 9; hawk species 1; Black-headed Gull 1; Herring Gull 347; Great Black-backed Gull 31; gull species 7; Black Guillemot 1; Rock Pigeon 192; Mourning Dove 288; Great Horned Owl 1; Barred Owl 1; **Red-bellied Woodpecker 1**; Downy Woodpecker 20; Hairy Woodpecker 36; Northern Flicker 2; Pileated Woodpecker 1; **flycatcher species 1**; Northern Shrike 2; Blue Jay 279; American Crow 326; Common Raven 35; Black-capped Chickadee 343; Red-breasted Nuthatch 4; White-breasted Nuthatch 13; American Robin 6; European Starling 1388; Bohemian Waxwing 531; Cedar Waxwing 120; American Tree Sparrow 78; Song Sparrow 6; White-throated Sparrow 8; Dark-eyed Junco 181; sparrow species 14; Lapland Longspur 10; Snow Bunting 21; Northern Cardinal 14; Common Grackle 123; Brown Headed Cowbird 1; Pine Grosbeak 2; Purple Finch 30; Common Redpoll 930; Pine Siskin 10; American Goldfinch 297; Evening Grosbeak 160; House Sparrow 4.

Total Species 60, about 6,877 individuals. (CW. Canada Goose).

Wanda Auld, Clyde Baltzer, Susan Baltzer, Charlie Belliveau, Bob Bennet, Shelagh Bestany, Earle Boudreau, Marilyn Brown, Betty Burrell, Shirley Burrell, Judy Butler, Shirley Carey, Joan Chalmers, Jerri Costa, Kaye Cox, Judy Creelman, Anne D'Eon, Henry D'Eon, Dinah Dalton, Valerie Davies, Ray Dempsey, Paula Dodaro, Earl Ellis, Helen Ellis, Barb Fancy, Kathy Fearon, Leota Feener, Leslie Feener, Marty Felker, Stan Felker, Barry Frail, Gerry Frail, Joan Francruz, Serge Gagnon, Margaret Hall, Frank Harris, Joan Harris, Erna Henshaw, Glen Henshaw, Delereis Jefferson, Cliff Jones, Susan Jost, Ginny Langley, Jim Langley, Jean-Pierre Lebel, Corinne Leek, Martha Little, Alex Marshall, Fran McCormick, Jeff McCormick, Jane McDowell, Wayne Morgan, Donald Mullen, Marian Mullen, Pete Nordland, Helen Opie, Julie Palmer, Gini Proulx, Kaylee Proulx, Lisa Proulx, Margaret Rice, Andi Rierden, Ryan Scranton, Sarah Siteman, Stephen Spidle, Joey Thorpe, **David Tinker (compiler)**, Sheila Tinker, Julie Turner, Logan Wamboldt, Marie Wamboldt, Alice White, Karl White, Louise Williams, Joyce Wilson, Roger Wilson, Betty Wright, Marilyn Wright, Rodney Wright.

ANTIGONISH, Dec 16; 7:30AM to 4:30PM. Temp. -10 to -5C. Snow 30cm. Still water frozen, moving water partly frozen. A. M. clear. P.M. Cloudy. 6 field observers in 3 parties and 11 at feeders. Total party hours 20 (5 by foot, 15 by car). Total party kilometres 157 (15 by foot, 151 by car).

Canada Goose 1070; American Wigeon 1; American Black Duck 551; Mallard 30; American Black Duck/Mallard hybrid 1; Green-winged Teal 4; Ring-necked Duck 2; Greater Scaup 5; Common Eider 11; Surf Scoter 10; White-winged Scoter 8; scoter species 8; Long-tailed Duck 20; Common Goldeneye 155; Common Merganser 131; Red-breasted Merganser 780; merganser species 7; duck species 116; Ruffed Grouse 4; Red-throated Loon 1; Common Loon 4; Horned Grebe 7; Red-necked Grebe 5; Great Cormorant 4; Great Blue Heron 1; Bald Eagle 29; Red-tailed Hawk 10; Rough-legged Hawk 1; hawk species 1; Sanderling 1; Black-headed Gull 1; Bonaparte's Gull 9; Ring-billed Gull 16; Herring Gull 377; Iceland Gull 3; Great Black-backed Gull 33; gull species 115; Rock Pigeon 261; Mourning Dove 129; Short-eared Owl 1; Downy Woodpecker 8; Hairy Woodpecker 10; Pileated Woodpecker 5; Northern Shrike 2; Blue Jay 138; American Crow 190; Common Raven 21; Horned Lark 2; Black-capped Chickadee 467; Boreal Chickadee 4; Red-breasted Nuthatch 46; White-breasted Nuthatch 2; Brown Creeper 1; Golden-crowned Kinglet 10; American Robin 6; European Starling 329; Bohemian Waxwing 47; Pine Warbler 2; American Tree Sparrow 87; Savannah Sparrow 2; Song Sparrow 16; Swamp Sparrow 1; White-throated Sparrow 1; Dark-eyed Junco 62; sparrow species 2; Snow Bunting 99; Pine Grosbeak 76; Red Crossbill 6; White-winged Crossbill 406; Common Redpoll 71; American Goldfinch 100; finch species 3; Evening Grosbeak 30; House Sparrow 68.

Total Species 66, about 6,243 individuals.

Anne Beck, Leslie Buckland-Nicks, Charlotte Brosha, Garry Fleuren, Susan Goldie, May Goring, Leslie Klapstein, **Randy Lauff (compiler)**, Lynda MacLellan, Harriet MacMillan, Paul McClung, Jean McGee, Ken McKenna, Mary Murphy, Marilyn O'Brien, Mark Pulsifer, Bunny Smith.

APPLE RIVER, Dec 29; 7:30AM to 5:00PM. Temp. -6 to 2C. Wind NW 0-10kmph. Snow 40-60cm. Still water partly open, moving partly frozen. Skies cloudy all day. 10 field observers in 4-5 parties, 4 at feeders. Total party hours 25.5 (17 on foot, 8.5 by car). Total party kilometres 54 (34.5 by foot, 19.5 by car)

American Black Duck 114; Mallard 2; Common Eider 5; White-winged Scoter 4; Black Scoter 4; scoter species 2; Long-tailed Duck 11; Common Goldeneye 8; Common Merganser 3; Red-breasted Merganser 2; duck species 55; Red-throated Loon 1; Common Loon 2; Horned Grebe 3; **Turkey Vulture 1**; Bald Eagle 2; Northern Goshawk 2; Red-tailed Hawk 2; hawk species 2;

Purple Sandpiper 30; Ring-billed Gull 4; Herring Gull 176; Iceland Gull 5; Great Black-backed Gull 2; Mourning Dove 39; Downy Woodpecker 5; Hairy Woodpecker 5; Northern Shrike 2; Gray Jay 2; Blue Jay 37; American Crow 131; Common Raven 19; Horned Lark 10; Black-capped Chickadee 125; Boreal Chickadee 3; Red-breasted Nuthatch 3; Golden-crowned Kinglet 13; American Robin 1; European Starling 117; Bohemian Waxwing 1; American Tree Sparrow 29; Song Sparrow 1; White-throated Sparrow 2; Dark-eyed Junco 30; Snow Bunting 99; Red-winged Blackbird 1; Common Grackle 4; Pine Grosbeak 44; White-winged Crossbill 5; Common Redpoll 299; **Hoary Redpoll** 1; Pine Siskin 2; Evening Grosbeak 4.

Total Species 50, about 1,479 individuals. (CW. Sharp-shinned Hawk, Great Horned Owl, Hairy Woodpecker, Brown-headed Cowbird, American Goldfinch).

Mickey Comeau, Trevor Donald, Ross Galbraith, Amy-Lee Kouwenberg, Andrew MacFarlane, Jane Mills, Maureen Mills, Luc Patterson, Craig Smith, Cynthia Spicer, **Kathleen Spicer (compiler)**, Kyle Wellband.

BADDECK, Dec 14; 8AM to 4:30PM. Temp. -1 to 2C. Wind NW 10kmph. Snow 30cm. Still water frozen, moving water partly frozen. A.M. partly clear, light snow. P.M. clear. 7 field observers in 6 parties, 10 at feeders. Total party hours 24.5(7.5 on foot, 17 by car). Total party kilometres 158 (12 on foot, 146 by car).

Canada Goose 20; American Black Duck 103; Mallard 14; Common Goldeneye 109; Common Merganser 17; Red-breasted Merganser 14; Ruffed Grouse 2; Bald Eagle 6; Sharp-shinned Hawk 1; Ring-billed Gull 2; Herring Gull 39; Glaucous Gull 1; Great Black-backed Gull 43; Mourning Dove 12; Great Horned Owl 1; Downy Woodpecker 5; Hairy Woodpecker 5; Gray Jay 3; Blue Jay 50; American Crow 154; Common Raven 109; Black-capped Chickadee 107; Red-breasted Nuthatch 5; White-breasted Nuthatch 8; Golden-crowned Kinglet 1; American Robin 8; European Starling 127; Bohemian Waxwing 61; Cedar Waxwing 9; Song Sparrow 16; Dark-eyed Junco 17; **Rusty Blackbird** 1; Pine Grosbeak 72; White-winged Crossbill 8; American Goldfinch 126; House Sparrow 30.

Total Species 36, about 1,306 individuals. (CW. Red-tailed Hawk, Common Redpoll).

Don Anderson (compiler), Dan Banks, Clarene Barrett, Donnell Beaton, Mac Garland, Viola Garland, Rod Grant, Judy Grant, James MacDonald, Marilyn MacDonald, Jack MacKillop, Richard

McCurdy, Barb McCurdy, Betty Menzies, Hugh Mueller, Edward Nicholson, Marcella Roberts, John Smolenaars, Melita Smolenaars, Lloyd Stone.

BARRINGTON BAY/CAPE SABLE ISLAND, Dec 15; 7:30AM to 5PM. Temp. -2 to -8C. Wind NW 50kmph. Snow 50cm. Still water partly open, moving water open. A.M. partly cloudy. P.M. partly cloudy, light snow. 20 field observers in 8 parties, 1 at feeder. Total party hours 56 (15 on foot, 41 by car). Total party kilometres 700 (25 by foot, 675 by car).

Brant 108; Canada Goose 319; American Wigeon 1; American Black Duck 619; Mallard 134; Northern Pintail 11; Green-winged Teal 12; Ring-necked Duck 2; Greater Scaup 42; Lesser Scaup 2; Common Eider 663; Surf Scoter 25; White-winged Scoter 16; Black Scoter 194; Long-tailed Duck 33; Bufflehead 48; Common Goldeneye 184; Hooded Merganser 9; Common Merganser 3; Red-breasted Merganser 21; Ruddy Duck 1; Ring-necked Pheasant 5; Ruffed Grouse 1; Common Loon 23; Horned Grebe 14; Red-necked Grebe 6; Northern Gannet 4; Double-crested Cormorant 4; Great Cormorant 183; Great Blue Heron 5; Bald Eagle 1; Northern Harrier 9; Sharp-shinned Hawk 1; Red-tailed Hawk 1; American Kestrel 1; Merlin 2; hawk species 1; Dunlin 41; Bonaparte's Gull 2; Ring-billed Gull 11; Herring Gull 1396; Iceland Gull 8; Glaucous Gull 2; Great Black-backed Gull 818; Black-legged Kittiwake 12; Black Guillemot 12; Rock Pigeon 102; Mourning Dove 237; Belted Kingfisher 2; Downy Woodpecker 4; Northern Flicker 4; Northern Shrike 1; Blue Jay 86; American Crow 566; Common Raven 18; Horned Lark 148; Black-capped Chickadee 209; Boreal Chickadee 3; Red-breasted Nuthatch 8; Brown Creeper 1; Golden-crowned Kinglet 7; Hermit Thrush 1; American Robin 133; **Brown Thrasher** 1; Northern Mockingbird 1; European Starling 733; American Pipit 4; Bohemian Waxwing 645; Cedar Waxwing 5; Yellow-rumped Warbler 21; American Tree Sparrow 71; Chipping Sparrow 2; Savannah Sparrow 7; Savannah (Ipswich) Sparrow 1; Fox Sparrow 3; Song Sparrow 43; Swamp Sparrow 1; White-throated Sparrow 110; Dark-eyed Junco 162; Lapland Longspur 5; Snow Bunting 337; Northern Cardinal 11; Red-winged Blackbird 103; Common Grackle 20; Brown-headed Cowbird 3; Baltimore Oriole 1; Pine Grosbeak 20; Purple Finch 13; Red Crossbill 1; Common Redpoll 391; **Hoary Redpoll** 1; Pine Siskin 15; American Goldfinch 128; Evening Grosbeak 258; House Sparrow 41.

Total Species 95 plus one race, about 9,694 individuals. (CW. Dovekie, Black-

bellied Plover, **Great Egret**, **Redhead**, Gray Catbird, **Cooper's Hawk**, **Clay-coloured Sparrow**, Harlequin Duck, **Broad-winged Hawk**, Sanderling).

Dorothy Cameron, Terry Crowell, Joan Czapalay, Raymond d'Entremont, Donna Ensor, June Graves, James Hirtle, Peter MacLeod, Ethelda Murphy, **Murray Newell (compiler)**, John Nickerson, Sandra Nickerson, Lillian Perry, Dorothy Poole, Betty June Smith, Sidney Smith, Aileen Smith, Clyde Stoddart.

BEDFORD/SACKVILLE, Dec 28; 7:30AM to 5PM. Temp. -2 to 2C. Winds light. Snow 15-25cm. Still water frozen, moving water partly open. A.M. cloudy. P.M. cloudy, light snow. 32 field observers in 25 parties, 25 at feeders, 2.5 hours and 70km. owling. Total party hours 116.45 (65.7 on foot, 50.75 by car). Total party kilometres 1002.1 (93.5 by foot, 908.6 by car).

Wood Duck 1; American Black Duck 628; Mallard 148; American Black Duck/Mallard hybrid 15; Bufflehead 6; Common Goldeneye 67; Barrow's Goldeneye 6; Hooded Merganser 16; Common Merganser 20; Red-breasted Merganser 63; Ring-necked Pheasant 47; Ruffed Grouse 4; Common Loon 3; Great Cormorant 2; Bald Eagle 3; Northern Harrier 1; Sharp-shinned Hawk 7; Red-tailed Hawk 7; Merlin 2; Ring-billed Gull 36; Herring Gull 705; Iceland Gull 10; Great Black-backed Gull 52; Black Guillemot 1; Rock Pigeon 435; Mourning Dove 309; **Long-eared Owl** 1; Downy Woodpecker 51; Hairy Woodpecker 43; Black-backed Woodpecker 2; Northern Flicker 1; Pileated Woodpecker 13; Northern Shrike 3; Gray Jay 3; Blue Jay 419; American Crow 7131; Common Raven 42; Black-capped Chickadee 555; Boreal Chickadee 8; Red-breasted Nuthatch 57; White-breasted Nuthatch 11; Brown Creeper 13; Winter Wren 1; Golden-crowned Kinglet 36; **Ruby-crowned Kinglet** 3; American Robin 32; **Townsend's Solitaire** 1; Northern Mockingbird 1; European Starling 2947; Bohemian Waxwing 463; Yellow-rumped Warbler 3; Yellow-breasted Chat 1; American Tree Sparrow 58; Chipping Sparrow 2; Savannah Sparrow 3; Song Sparrow 49; White-throated Sparrow 25; Dark-eyed Junco 421; Snow Bunting 84; Baltimore Oriole 4; Pine Grosbeak 140; Purple Finch 3; Red Crossbill 4; White-winged Crossbill 3; Common Redpoll 2326; Pine Siskin 31; American Goldfinch 638; finch species Evening Grosbeak 15; House Sparrow 83.

Total Species 68, about 18,367 individuals.

Mary Barrett, Barb Bell, Larry Bell, Bill Billington, Eileen Billington, Elaine Black, Suzanne Borkowski, Yvette Buckley,

Marilyn Challis, Patricia Chalmers, Margaret Clark, Lois Codling, Bob Craig, Muriel Craig, Charles Cron, Sarah Cron, Jamie Crosby, Barbara Downham, Heather Drope, Ron Gallant, Bev Gammon, Marilyn Garnier, Liz Gidney, Shane Gidney, Jean Hartley, Betty Hellbone, Andy Horne, David Hughes, Janey Hughes, Rita Kinney, Fulton Lavender, Pat Leader, Peter LeBlanc, Marina LeBlanc, John Loch, Colonel MacLellan, Carol MacNeill, Don MacNeill, **Bob McDonald (compiler)**, Wendy McDonald, Ian McLaren, Julie Morris, Hayward Mortimer, Maureen Nowlan, Glorena Patterson, **Richard Peckham (compiler)**, Anita Pouliet, Duncan Rand, Walter Regan, Carolyn Renton, Clarence Stevens Jr., Winston Teal, Dottie Welch, Rita Viau.

BIG POND/ESKASONI, Dec 26; 7:30AM to 6PM. Temp. -2 to 1C. Wind W 6-12kmph. Snow 10cm. Still water frozen, moving partly open. A.M. partly cloudy. P.M. partly clear. 24 field observers in 10 parties, 2 at feeders, 2 hours and 1 km. owling. Total party hours 38.5 (19 on foot, 19.5 by car). Total party kilometres 257 (29 by foot, 228 by car).

Canada Goose 22; American Black Duck 76; Mallard 5; Greater Scaup 85; Common Eider 7; White-winged Scoter 16; Long-tailed Duck 12; Common Goldeneye 162; Common Merganser 20; Red-breasted Merganser 106; Ruffed Grouse 12; Common Loon 8; Red-necked Grebe 1; Double-crested Cormorant 2; Bald Eagle 18; Northern Goshawk 1; Red-tailed Hawk 2; Wilson's Snipe 1; Bonaparte's Gull 4; Ring-billed Gull 8; Herring Gull 143; Iceland Gull 13; Great Black-backed Gull 15; Rock Pigeon 6; Mourning Dove 19; Great Horned Owl 1; Barred Owl 1; Belted Kingfisher 3; Downy Woodpecker 6; Hairy Woodpecker 4; Pileated Woodpecker 2; Northern Shrike 3; Gray Jay 4; Blue Jay 57; American Crow 249; Common Raven 17; Black-capped Chickadee 219; Boreal Chickadee 43; Red-breasted Nuthatch 12; White-breasted Nuthatch 1; Brown Creeper 1; Golden-crowned Kinglet 16; American Robin 1; European Starling 225; Bohemian Waxwing 12; American Tree Sparrow 3; Song Sparrow 2; Dark-eyed Junco 8; Snow Bunting 12; **Rusty Blackbird** 1; Pine Grosbeak 56; White-winged Crossbill 6; Common Redpoll 136; American Goldfinch 45; Evening Grosbeak 22.

Total Species 55, about 1,932 individuals.

George Ball, Barbara Cash, Theresa Cash, Billy Digout, George Digout, Sharon Digout, Barb Glassey, Jim Guy, Dave Harris, John MacInnis, Alanna MacNeil, Ann Marie MacNeil, Blaise MacNeil, **Jack MacNeil (compiler)**, Kara MacPhee, Michelle MacPhee, Dave McCorquodale, Weldon

MacPhail, Laurie Murchison, Bernard Murphy, Allan Murrant, Cathy Murrant, Pat Nelder, Chris Thomson, Joe Wickens, Melvin White.

BRIDGETOWN, Dec 29; 8AM to 5PM. Temp. -3 to 2C. Wind NE 7kmph. Snow 12cm. Still water frozen, moving water open. A.M. cloudy, snow. P.M. cloudy, rain. 8 field observers in 4 parties, 32 at feeders. Total party hours 22.5 (5.5 on foot, 17 by car). Total party kilometres 259.5 (6.5 by foot, 253 by car).

Common Eider 75; Surf Scoter 12; White-winged Scoter 37; Long-tailed Duck 20; Common Goldeneye 3; Common Merganser 5; Red-breasted Merganser 14; Ring-necked Pheasant 34; Ruffed Grouse 3; **Sandhill Crane** 1; Common Loon 5; Bald Eagle 6; Sharp-shinned Hawk 3; Red-tailed Hawk 24; Rough-legged Hawk 3; Peregrine Falcon 1; hawk species 2; Herring Gull 60; Great Black-backed Gull 3; Rock Pigeon 260; Mourning Dove 396; Downy Woodpecker 18; Hairy Woodpecker 16; Northern Flicker 2; Northern Shrike 3; Blue Jay 197; American Crow 425; Common Raven 21; Black-capped Chickadee 321; Boreal Chickadee 2; Red-breasted Nuthatch 5; White-breasted Nuthatch 11; American Robin 5; European Starling 964; Bohemian Waxwing 480; Cedar Waxwing 2; American Tree Sparrow 43; Song Sparrow 10; White-throated Sparrow 4; Dark-eyed Junco 192; sparrow species 6; Snow Bunting 38; Northern Cardinal 10; Pine Grosbeak 26; Purple Finch 10; Common Redpoll 442; Pine Siskin 47; American Goldfinch 449; Evening Grosbeak 279; House Sparrow 42.

Total Species 48, about 5,037 individuals. (CW. Canada Goose, Brown-headed Cowbird).

Thelma Bent, Ilene Boutilier, Joyce Burbridge, Bill Caudle, **David Colville (compiler)**, Justin Colville, Jan Coulter, Viola Doucette, Marilyn Durling, Noel Durling, Murray Freeman, Marie Gaul, Bill Goucher, Avora Harding, Cyril Harding, Sharon Hawboldt, Steve Hawboldt, Christopher Hiltz, Marg Hirtle, Donna Jones, Ron Jones, Roseaire MacNeil, Bev Marshall, Fred Marshall, Hilda Messinger, Roger Mosher, Anne Parker, Doug Parker, Carl Phinney, Linda Phinney, Maggie Rice, Ian Rooseby, Christine Ross, Gean Smith, Les Smith, Paul Spicer, Alberta Wade, Gladdie Weir, Jane Wrightman, Lib Woolaver.

BRIER ISLAND, Dec 18; 7:15AM to 5:15PM. Temp. -7 to -4C. Wind 40kmph. Snow 5cm. Still water frozen, moving water open. AM partly cloudy. PM clear. 4 field observers in 3 parties, 2 at feeders, .5 hours owling. Total party hours 20.75 (9.25 on

foot, 11.5 by car). Total party kilometres 86 (17 by foot, 69 by car)

American Black Duck 65; Mallard 1; Common Eider 148; Surf Scoter 9; White-winged Scoter 13; Black Scoter 1; Long-tailed Duck 35; Common Goldeneye 84; Red-breasted Merganser 15; Ring-necked Pheasant 6; Red-throated Loon 1; Common Loon 17; Horned Grebe 1; Northern Gannet 1; Great Cormorant 91; **Turkey Vulture** 4; Bald Eagle 1; Northern Harrier 1; Sharp-shinned Hawk 2; Red-tailed Hawk 1; Merlin 2; Ring-billed Gull 7; Herring Gull 161; Iceland Gull 11; Great Black-backed Gull 51; Black-legged Kittiwake 16; Razorbill 1; Black Guillemot 111; alcid species 45; Rock Pigeon 11; Mourning Dove 18; Blue Jay 4; American Crow 207; Common Raven 21; Horned Lark 38; Black-capped Chickadee 82; Golden-crowned Kinglet 7; Hermit Thrush 1; American Robin 2; European Starling 62; American Tree Sparrow 5; Chipping Sparrow 1; Song Sparrow 9; White-throated Sparrow 4; Dark-eyed Junco 24; Snow Bunting 253; Northern Cardinal 2; Red-winged Blackbird 7; Common Grackle 8; Brown-headed Cowbird 3; Common Redpoll 199; **Hoary Redpoll** 1; Pine Siskin 2; American Goldfinch 7; House Sparrow 9.

Total Species 54, about 1,889 individuals. (CW. Canada Goose, Greater Scaup, Northern Goshawk, Bonaparte's Gull, Northern Shrike, **Townsend's Solitaire**, Bohemian Waxwing).

George Garron, Louise Garron, Anne Mills, **Eric Mills (compiler)**, Richard Stern, June Swift.

BROAD COVE, Dec 30; 7:30AM to 5PM. Temp. 0 to 4C. Wind NW 0-8kmph. Snow 2cm. Still water frozen, moving water partly open. Skies cloudy all day. 26 field observers in 11-15 parties, 2 at feeders. Total party hours 96.25 (62.5 on foot, 25.75 by car, 8 by boat). Total party kilometres 381 (56.5 by foot, 304.5 by car, 20 by boat).

Canada Goose 397; American Black Duck 202; Mallard 337; Northern Pintail 6; Greater Scaup 16; Lesser Scaup 8; Common Eider 185; Surf Scoter 77; White-winged Scoter 21; Black Scoter 63; Long-tailed Duck 254; Bufflehead 125; Common Goldeneye 69; Hooded Merganser 41; Common Merganser 18; Red-breasted Merganser 216; Ring-necked Pheasant 14; Ruffed Grouse 5; Red-throated Loon 5; Common Loon 75; Horned Grebe 28; Red-necked Grebe 3; Great Cormorant 6; Bald Eagle 8; Sharp-shinned Hawk 1; Red-tailed Hawk 6; hawk species 1; Black-bellied Plover 1; Red Knot 1; Purple Sandpiper 9; Dunlin 22; Ring-billed Gull 36; Herring Gull 600; Iceland Gull 2; Great Black-backed Gull 95; Dovekie 3; Thick-billed Murre 2; Black

Guillemot 20; Rock Pigeon 60; Mourning Dove 283; Belted Kingfisher 1; Downy Woodpecker 10; Hairy Woodpecker 4; Northern Flicker 1; Pileated Woodpecker 4; Blue Jay 229; American Crow 436; Common Raven 47; Horned Lark 5; Black-capped Chickadee 438; Boreal Chickadee 14; Red-breasted Nuthatch 34; White-breasted Nuthatch 11; Brown Creeper 7; Golden-crowned Kinglet 20; American Robin 1; European Starling 256; American Pipit 5; Cedar Waxwing 1; American Tree Sparrow 17; Fox Sparrow 1; Song Sparrow 17; White-throated Sparrow 4; Dark-eyed Junco 96; Lapland Longspur 1; Snow Bunting 2; Red-winged Blackbird 1; Baltimore Oriole 1; Pine Grosbeak 1; Purple Finch 2; Red Crossbill 1; Common Redpoll 866; **Hoary Redpoll** 1; Pine Siskin 2; American Goldfinch 201; Evening Grosbeak 53.

Total Species 75, about 6,131 individuals. (CW. American Kestrel, Hermit Thrush, Yellow-rumped Warbler).

Jane Alexander, Bruce Allen, Lise Bell, Peter Bell, Shirley Cohrs, Donna Crosby, David Currie, Gillian Elliott, Jim Elliott, **Sylvia Fullerton (compiler)**, James Hirtle, Blair Hodgman, Andy Horn, Elke Love, Cathy Martin, Ian McLaren, Ann Mills, Eric Mills, Karen Mills, Eileen Morrison, Dorothy Poole, Duncan Rand, Nellie Snyder, Clyde Stoddart, Azor Vienneau, Dave Walmark, David Watson, David Young.

CALEDONIA, Dec 16; 7:40AM to 4:30PM. Temp. -13 to -8C. Wind SE 0-25kmph. Snow 25cm. Still water frozen, moving water open. A. M. cloudy. P.M. cloudy, light snow. 21 field observers in 15 parties, 45 at feeders. Total party hours 30.25 (21.25 on foot, 8.5 by car, .5 by snowmobile). Total party kilometres 176.25 (48.25 by foot, 112 by car, 16 by snowmobile).

Canada Goose 80; American Black Duck 9; Ruffed Grouse 10; Bald Eagle 2; Northern Goshawk 1; Red-tailed Hawk 3; Rock Pigeon 4; Mourning Dove 56; Barred Owl 6; Downy Woodpecker 33; Hairy Woodpecker 40; Pileated Woodpecker 4; Gray Jay 4; Blue Jay 390; American Crow 69; Common Raven 53; Black-capped Chickadee 496; Boreal Chickadee 9; Red-breasted Nuthatch 14; White-breasted Nuthatch 45; Brown Creeper 3; Golden-crowned Kinglet 3; Hermit Thrush 1; American Robin 3; European Starling 77; Bohemian Waxwing 67; American Tree Sparrow 2; White-throated Sparrow 1; Dark-eyed Junco 31; Snow Bunting 26; Red-winged Blackbird 5; Common Grackle 1; Brown-headed Cowbird 1; Purple Finch 4; Common Redpoll 97; American Goldfinch 90; Evening Grosbeak 195.

Total Species 37, about 1,935 individuals. (CW. Sharp-shinned Hawk, Pine Grosbeak).

Eric Cole, Judy Cole, Nathalie Cole, Harry DeLong, George Demmons, Connie Eaton, Ron Eaton, Rod Ford, Jerry Frail, Donnie Frayle, Nancy Frayle, Anna Freiss, Charlie Hearn, Heather Hearn, James Hirtle, Marguerite Holdright, Myra Holdright, Lorraine Hope, **Peter Hope (compiler)**, Peggy Hopper, Stephen Hopper, Jackie Jorissen, Mary Keirstead, Rod Keirstead, Amanda Lavers, Lesley Lewis, Tammy Lewis, Caleb Lewis, Danny Mansfield, Pierre Martel, Eric Mullen, Dawn Payzant, Elliott Payzant, Dorothy Poole, Daniel Pouliot, Barb Rogers, Terje Rogers, Peter Rogers, Betty Ross, Bill Ross, Jim Ross, Althea Rowter, Jonathan Sheppard, Sheila Sheppard, Tom Sheppard, Tom Shupe, David Small, Rick Swain, Jacob Van Dyk.

CANSO, Dec 30; 8:15AM to 4:45PM. Temp. -1C. Still water frozen, moving water open. Skies cloudy all day. 6 field observers in 3 parties, 10 at feeders. Total party hours 29 (8 on foot, 21 by car). Total party kilometres 128.6 (8 by foot, 120.6).

American Black Duck 66; Mallard 2; Greater Scaup 2; Common Eider 157; Surf Scoter 12; White-winged Scoter 16; Black Scoter 6; scoter species 9; Long-tailed Duck 49; Bufflehead 2; Common Goldeneye 67; Hooded Merganser 4; Red-breasted Merganser 79; duck species 99; Red-throated Loon 2; Common Loon 24; Horned Grebe 3; Red-necked Grebe 10; Northern Gannet 2; Double-crested Cormorant 7; Great Cormorant 17; cormorant species 8; **Black Vulture** 1; Bald Eagle 17; Sharp-shinned Hawk 1; Bonaparte's Gull 1; Herring Gull 232; Iceland Gull 62; Glaucous Gull 5; Great Black-backed Gull 126; gull species 26; **Ivory Gull** 1; Rock Pigeon 150; Mourning Dove 83; Belted Kingfisher 1; Downy Woodpecker 4; Gray Jay 2; Blue Jay 19; American Crow 105; Common Raven 12; Black-capped Chickadee 113; Boreal Chickadee 17; Red-breasted Nuthatch 4; White-breasted Nuthatch 2; Brown Creeper 1; Golden-crowned Kinglet 15; American Robin 4; European Starling 652; Bohemian Waxwing 50; Cedar Waxwing 10; Pine Warbler 7; **Yellow-throated Warbler** 1; American Tree Sparrow 17; Chipping Sparrow 1; Savannah Sparrow 1; Song Sparrow 8; **Lincoln's Sparrow** 1; Swamp Sparrow 2; White-throated Sparrow 2; Dark-eyed Junco 29; sparrow species 4; Snow Bunting 58; Red-winged Blackbird 3; **Rusty Blackbird** 1; Common Grackle 13; Brown-headed Cowbird 2; Baltimore Oriole 3; **Bullock's Oriole** 1; Purple Finch 33; White-winged Crossbill 3; Common Redpoll 319; **Hoary Redpoll** 1; American Goldfinch 68; House Sparrow 23.

Total Species 72, about 3,088 individuals.

Stephen Bushell (compiler), Terry Crane, Allison Dallian, Harry Delorey, Roseanne Delorey, Mae Goring, Tom Kavannah, Randy Lauff, Emily Lumsden, Clyde MacKenzie, Gertie MacKenzie, Brian Munroe, Joe Murphy, Bruce Stevens, Grace Walsh, Joe Walsh.

CAPE BRETON HIGHLANDS, Dec 29; 8AM to 4:30PM. Temp. -3.8 to -2.8C. Wind W 4kmph to S 11kmph. Snow 50. Still water partly frozen, moving water open. A.M. cloudy. P.M. cloudy, light snow. 32 field observers in 18 parties, 22 at feeders. Total party hours 38.4 (24 on foot, 14.4 by car). Total party kilometres 166.5 (43.5 by foot, 123 by car).

Canada Goose 17; American Black Duck 12; Common Eider 16; Surf Scoter 4; White-winged Scoter 40; Black Scoter 15; scoter species 10; Long-tailed Duck 67; Common Goldeneye 123; Common Merganser 21; Red-breasted Merganser 20; duck species 4; Ruffed Grouse 4; Common Loon 15; **Pied-billed Grebe** 1; Double-crested Cormorant 4; Bald Eagle 10; Sharp-shinned Hawk 7; Red-tailed Hawk 1; Herring Gull 66; Glaucous Gull 5; Great Black-backed Gull 16; gull species 7; Dovekie 16; Black Guillemot 30; Rock Pigeon 40; Mourning Dove 14; Downy Woodpecker 20; Hairy Woodpecker 6; Pileated Woodpecker 3; Northern Shrike 1; Blue Jay 172; American Crow 173; Common Raven 13; Black-capped Chickadee 201; Boreal Chickadee 6; Red-breasted Nuthatch 118; Brown Creeper 4; Golden-crowned Kinglet 18; American Robin 2; American Robin 2; European Starling 73; Bohemian Waxwing 34; Cedar Waxwing 37; White-throated Sparrow 2; Dark-eyed Junco 28; Pine Grosbeak 60; Purple Finch 26; White-winged Crossbill 138; Common Redpoll 38; Pine Siskin 79; American Goldfinch 74; Evening Grosbeak 4.

Total Species 49 about 1,920 individuals. (CW. Great Blue Heron, Mallard, Northern Goshawk, Merlin, hawk species, Spruce Grouse, Wilson's Snipe, Iceland Gull, Black-legged Kittiwake, Atlantic Puffin, Fox Sparrow).

James Bridgland, Marie Cantwell, Vaughan Cantwell, Mary Daisley, Lisa Dixon, Margrit Gahlinger, Chris Gorey, **Denis Hache (compiler)**, Ellen Ingraham, Ross Ingraham, Doug Jackson, Jeanette Jackson, Gordon MacLean, Frances McEvoy, Fritz McEvoy, John McEvoy, Ann Marie Morrison, Freeman Morrison, Heather Morrison, Heidi Morrison, Alexander Muntz, Erich Muntz, Ken Murray, Marjorie Murray, Paula Reynolds, Linda Murray, Tim Reynolds, Gord Rideout, Linda Stepanovic, Maria Stradeski, Elaine Wallace, Fred Williams, Sharon Williams.

CHETICAMP, Dec 19; 7:30AM to 4:30PM. Temp. -3C. Wind W 30-35kmph. Snow 10cm. Still partly open, moving water frozen. Cloudy, light snow all day. 2 field observers in 1 parties. Total party hours 8.5 (1 on foot, 7.5 by car). Total party kilometres 171 (1 by foot, 170 by car)

American Black Duck 6; scaup species 34; Common Eider 12; Common Goldeneye 64; Common Merganser 67; Red-breasted Merganser 2; Common Loon 1; Double-crested Cormorant 3; Bald Eagle 2; hawk species 1; Herring Gull 41; Great Black-backed Gull 21; Black Guillemot 6; Mourning Pigeon 6; Blue Jay 7; American Crow 107; Common Raven 13; Black-capped Chickadee 1; European Starling 9; Snow Bunting 15; Pine Grosbeak 2.

Total Species 21, about 424 individuals.

Denise Aucoin, **Gordon Delaney (compiler)**.

ECONOMY, Dec 27; 7:30AM to 5PM. Temp. -1 to 6C. Wind W 20kmph. Snow 10cm. Still water frozen, moving water partly frozen. A.M. partly clear. P.M. partly cloudy, light snow. 7 field observers in 4 parties, 3 at feeders, 1 hour and 2km owling. Total party hours 35 (16 on foot, 18 by car). Total party kilometres 248.5 (15.5 by foot, 231 by car).

American Black Duck 391; Mallard 3; Surf Scoter 15; White-winged Scoter 2; Long-tailed Duck 15; Bufflehead 4; Common Goldeneye 4; Common Merganser 13; Ring-necked Pheasant 20; Ruffed Grouse 7; Bald Eagle 5; Northern Goshawk 1; Red-tailed Hawk 3; Peregrine Falcon 1; Purple Sandpiper 3; Rock Pigeon 63; Mourning Dove 42; Barred Owl 1; Ring-billed Gull 5; Herring Gull 144; Great Black-backed Gull 3; Downy Woodpecker 7; Hairy Woodpecker 12; Black-backed Woodpecker 2; Pileated Woodpecker 1; Northern Shrike 3; Gray Jay 10; Blue Jay 34; American Crow 111; Common Raven 21; Black-capped Chickadee 191; Boreal Chickadee 3; Red-breasted Nuthatch 17; White-breasted Nuthatch 2; Brown Creeper 1; Golden-crowned Kinglet 11; American Robin 1; European Starling 283; Pine Warbler 1; American Tree Sparrow 43; Song Sparrow 3; White-throated Sparrow 1; Dark-eyed Junco 24; Pine Grosbeak 85; Purple Finch 1; Red Crossbill 1; White-winged Crossbill 6; Common Redpoll 221; Pine Siskin 2; American Goldfinch 13; Evening Grosbeak 2; House Sparrow 27.

Total Species 52 about 1,885 individuals. (CW. Northern Flicker). Shannon Breen, Irene Cooke, Harold Corbett, Jean Corbett, Brian Dalzell, Karen Ewing, Brad McLaughlin, Robert McLaughlin, Bruce Shields, **Fran Spalding (compiler)**.

HALIFAX/DARTMOUTH, Dec 16; 7:30AM to 3PM. Temp. -8 to 0C. Wind NE-E 14-60kmph. Snow 10cm. Still water frozen, moving partly frozen. A.M. cloudy. P.M. light to heavy snow. 85 field observers in 29-37 parties, 91 at feeders, 2 hours, 41km owling. Total parties hours 222.75 (172.5 by foot, 49.75 by car, .5 by boat). Total party kilometres 1138 (237 by foot, 898 by car, 3 by boat).

Canada Goose 7431; Gadwall 5; **Eurasian Wigeon 2**; American Wigeon 164; American Black Duck 4004; Mallard 1034; Northern Pintail 9; Green-winged Teal 8; Ring-necked Duck 2; Greater Scaup 191; Lesser Scaup 106; scaup species 21; Common Eider 1181; Harlequin Duck 1; Surf Scoter 12; White-winged Scoter 50; Black Scoter 120; scoter species 56; Long-tailed Duck 74; Bufflehead 64; Common Goldeneye 532; Barrow's Goldeneye 2; Hooded Merganser 14; Common Merganser 53; Red-breasted Merganser 273; duck species 22; Ring-necked Pheasant 59; Red-throated Loon 2; Common Loon 23; Horned Grebe 1; Red-necked Grebe 5; Northern Gannet 41; Double-crested Cormorant 31; Great Cormorant 154; Great Blue Heron 2; Bald Eagle 19; Northern Harrier 16; Sharp-shinned Hawk 11; **Cooper's Hawk 1**; Red-tailed Hawk 2; Rough-legged Hawk 3; Merlin 2; Peregrine Falcon 4; **Virginia Rail 1**; American Coot 7; Sanderling 2; Purple Sandpiper 2; **American Woodcock 1**; Black-headed Gull 122; Ring-billed Gull 303; Herring Gull 2716; Iceland Gull 200; Lesser Black-backed Gull 1; Glaucous Gull 2; Great Black-backed Gull 244; Black-legged Kittiwake 8; Dovekie 6; Black Guillemot 42; Atlantic Puffin 1; Rock Pigeon 1959; Mourning Dove 677; Great Horned Owl 1; Barred Owl 1; Short-eared Owl 1; **Long-eared Owl 1**; Northern Saw-whet Owl 3; **Red-bellied Woodpecker 2**; Downy Woodpecker 141; Hairy Woodpecker 67; Black-backed Woodpecker 1; Northern Flicker 22; Northern Shrike 4; Gray Jay 2; Blue Jay 1073; American Crow 2335; Common Raven 89; Horned Lark 33; Black-capped Chickadee 1876; Boreal Chickadee 19; Red-breasted Nuthatch 77; White-breasted Nuthatch 22; Brown Creeper 8; **Carolina Wren 1**; Golden-crowned Kinglet 47; Hermit Thrush 4; **Townsend's Solitaire 2**; American Robin 207; **Brown Thrasher 1**; Northern Mockingbird 3; European Starling 6862; American Pipit 6; Bohemian Waxwing 4922; Cedar Waxwing 103; Yellow-rumped Warbler 4; Pine Warbler 4; Common Yellowthroat 1; Yellow-breasted Chat 4; American Tree Sparrow 230; Savannah Sparrow 3; Fox Sparrow 3; Song Sparrow 265; Swamp Sparrow 4; White-throated Sparrow 96; Dark-eyed Junco 807; Lapland Longspur 9;

Snow Bunting 663; Northern Cardinal 36; **Rusty Blackbird 1**; Common Grackle 6; Baltimore Oriole 6; Pine Grosbeak 143; Purple Finch 27; House Finch 36; White-winged Crossbill 1; Common Redpoll 1381; **Hoary Redpoll 2**; Pine Siskin 55; American Goldfinch 1710; Evening Grosbeak 52; House Sparrow 1363.

Total Species 117, about 46,952 individuals. (CW. **Magnificent Frigatebird**)

Sue Abbot, Carl Abbott, Darrell Adams, Lisa Adams, Gareth Ackerman, Mary Alward, Brenda Bale, Valerie Bancroft, Laurel Banks, Luc Berrigan, Leonard Biggs, Eileen Billington, Gerry Brennan, Richard Bone, Suzanne Borkowski, Andrew Boyne, Mina Brask, Gail Broom, Jim Brown, Jake Bryant, Phyllis Bryson, Alice Buchanan, Bernard Burke, Mark Butler, Caroline Canning, Bonnie Carmichael, David Carmichael, Don Carter, Patricia Chalmers, Gavin Charles, Freeman Churchill, Marcia Coffey, Dorothy Conrad, Margo Corkum, Dominic Cormier, Alan Covert, Mary Jane Covert, Evelyn Cox, Margaret Cox, Allison Creech, Joanne Creelman, Charles Cron, Mike Crowell, Megan Crowley, Joan Dawson, Ron Dicks, Clara Doucette, Heather Drope, Gillian Elliott, James Elliott, Wanetta Elliot, Bob Farmer, Chris Field, Glen Flemming, Donna Foley, Bill Freedman, Phyllis Gardner, Keith Garrison, Glen Gibson, Kier Gigeroff, Carina Gjerdrum, Sherman Glazebrook, Cathy Grandy, Fred Greig, Dominique Gusset, Richard Hatch, Barbara Hinds, Dennis Hipern, Andy Horn, Marilyn Hourihan, Dave Heustis, Susan Hunt, Jeff Hutchings, Dorothy Jackson, Patricia James, Helen Jones, Mary Joyce, Joan Keith, Paul Kempster, Arthur Kidston, Mike King, Neville King, Elizabeth Kwindt, Henk Kwindt, Meredith Flannery, Arnold Langille, Richard LaPaix, **Fulton Lavender (compiler)**, Peter LeBlanc, Leslie Lee, Tom Lee, Ulrich Lobsiger, Barbara Lock, Tony Lock, Helen Lofgren, Steen Lovitt, Brenda McCabe, Joyce MacAskill, Leslie MacDonald, Pat MacKay, Sandra MacLean, Helen MacMillan, Carol MacNeill, Don MacNeill, Chris Majka, Candace Malcolm, Karen March, Muriel Marryatt, Sue Mathers, Lorna Matthews, Ron Matthews, Bob McDonald, Mike McDonald, Andrea McIvor, Eva McKay, Robert McKay, Julie McKnight, Bernice McLaren, Ian McLaren, Gail McLean, Pat McLean, Bob McQueston, Dianne McQueston, Bob Miller, Jo-anne Morris, Anne Morrison, Ian Neuman, Maureen Nowlan, Jim Nunn, Minga O'Brien, Peter Oickle, Terry Paquet, Etta Parker, Richard Peckham, Scott Pelton, Brigitte Petermann, Rachel Plotkin, Karen Potter, Martha Porier, Don Purchase, Joyce Purchase, Donna Rammo, Duncan Rand,

Marie Reid, Rick Reid, Ian Rennie, Gerry Rogers, Rob Roncini, David Schlosberg, Barry Scott, Angelica Silva, Cindy Staicer, Clarence Stevens Sr., Clarence Stevens Jr., Yvonne Taylor, **Angela Thibideau (compiler)**, Bob Thomas, Bonnie Thompson, Brad Thoms, Rita Viau, Bob Warrion, Richard Wassersug, Dottie Welch, Mel Whalen, Gill White, Marjorie Widgery, Nancy Whitherspoon, Sarah Wong, Clayton York, Marty Zelenietz.

KINGSTON, Dec 22; 6AM to 7PM. Temp. -17 to -4C. Wind SW 5-10kmph. Snow 0-10cm. Still water open, moving water partly open. A.M. clear. P.M. clear turning cloudy. 20 field observers in 10 parties, 86 at feeders, .5 hours and 1km. owling. Total party hours 67.5 (14.5 on foot, 50 by car). Total party kilometres 766.5 (17.5 by foot, 752 by car).

American Black Duck 163; Mallard 121; Common Eider 59; Harlequin Duck 6; Surf Scoter 12; White-winged Scoter 7; Black Scoter 1; Long-tailed Duck 35; Red-breasted Merganser 32; merganser species 1; Ring-necked Pheasant 40; Ruffed Grouse 5; Red-throated Loon 3; Common Loon 14; Horned Grebe 1; Red-necked Grebe 6; Bald Eagle 11; Northern Harrier 1; Sharp-shinned Hawk 7; Red-tailed Hawk 31; Rough-legged Hawk 2; Purple Sandpiper 24; Herring Gull 69; Great Black-backed Gull 12; Black-legged Kittiwake 7; Razorbill 2; Rock Pigeon 522; Mourning Dove 696; Belted Kingfisher 1; Downy Woodpecker 75; Hairy Woodpecker 49; Northern Flicker 4; Pileated Woodpecker 10; Northern Shrike 4; Blue Jay 736; American Crow 8645; Common Raven 104; Horned Lark 159; Black-capped Chickadee 788; Red-breasted Nuthatch 34; White-breasted Nuthatch 41; Brown Creeper 6; Golden-crowned Kinglet 1; American Robin 11; European Starling 3220; Bohemian Waxwing 219; Cedar Waxwing 20; Yellow-rumped Warbler 1; Pine Warbler 2; American Tree Sparrow 25; Chipping Sparrow 3; **Field Sparrow 1**; Song Sparrow 12; White-throated Sparrow 13; Dark-eyed Junco 497; sparrow species 1; Snow Bunting 289; Northern Cardinal 8; Red-winged Blackbird 4; Brown-headed Cowbird 21; Pine Grosbeak 49; Purple Finch 19; White-winged Crossbill 3; Common Redpoll 826; **Hoary Redpoll 3**; Pine Siskin 46; American Goldfinch 658; Evening Grosbeak 165; House Sparrow 102.

Total Species 67, about 18,765 individuals. (CW. Northern Goshawk, Barred Owl, Red-bellied Woodpecker).

Carole Allen, Spike Allen, Damaris Baker, Ron Baker, Sharon Baker, Anne Balcomb, Fred Balcomb, Debbie Baldwin, Allison Bell, Edna Blunt, Kenneth Blunt, Bob Campbell,

Bill Caudle, Tony Chaulk, Dana Clark, Bob Clark, Cole Clark, Madison Clark, John Collins, David Colville, Cathy Crook, Avis Crowell, Kenneth Crowell, David Curry, Tom Cushing, Ella Dalton, Howard Dalton, John DeCoste, Claire Diggins, Dan Diggins, Jean Dixon, Ed Dodd, Joyce Dodd, Joyce Elliott, Shirley Fahie, Harry Folk, Robert Foster, Paul Gertridge, Shilah Gertridge, Barbara Giffin, Patrick Giffin, Brenda Graham, Lloyd Graham, Mary Lou Graham, Carol Gregory, Leonard Gregory, Lilli Hand, Shirley Harris, Frank Hawkins, Thelma Hawkins, Donna Hill, Ron Hill, Chris Hiltz, Marilyn Hudgins, Sheila L. Hulford, Sheila R. Hulford, Sibella Hulford, Evelina Humenick, Jon Huneault, Michael Inkpen, Ted Kajdas Christine Keddy, Don Kelly, Andrea Leeson, Arthur MacIntosh, Judy MacKenzie, Patricia MacMillan, Blake Maybank, Sandy Morrison, Gary Myers, Ruth Myers, **Wayne Neily (compiler)**, David Ogilvie, Wanda Ogilvie, Mary Osmond, Marie O'Toole, Adora Parsons, Herb Parsons, Dan Patterson, Gerry Pellerin, Lillian Pellerin, Mildred Prall, Ivan Reid, Janet Reid, Twila Robar-DeCoste, Daphne Roseby, Ian Roseby, Christine Ross, Helen Sharp, Roger Short, Elizabeth Stern, Richard Stern, Ralph Swinamer, Barb Thompson, Sandra Trail, Charles Tye, Doris Tye, Malcolm Uhlman, Margot Walker, Audrey Wellwood, Jane White, Beverly Wolfe, Robert Wolfe, Jim Wolford.

LOUISBOURG, Dec 15; Temp. -4 to -8C. Wind W-SW 30-60 kmph. Snow 5-10cm. Still water partly open, moving water partly open. Skies partly cloudy trace of snow all day. 16 field observers in 10 parties, 15 at feeders. Total party hours 39.2 (23.2 on foot, 16 by car). Total party kilometres 140.5 (27.7 by foot, 112.8 by car).

American Black Duck 38; Northern Pintail 1; Green-winged Teal 1; Common Eider 1106; Surf Scoter 18; White-winged Scoter 21; Black Scoter 7; scoter species 14; Long-tailed Duck 150; Bufflehead 47; Common Goldeneye 47; Red-breasted Merganser 66; Ruffed Grouse 1; Spruce Grouse 6; Red-throated Loon 2; Common Loon 6; Horned Grebe 2; Red-necked Grebe 36; Northern Gannet 19; **shearwater species 1**; Double-crested Cormorant 1; Great Cormorant 33; Bald Eagle 13; Sharp-shinned Hawk 1; Northern Goshawk 1; Peregrine Falcon 1; Herring Gull 193; Iceland Gull 24; Glaucous Gull 1; Great Black-backed Gull 12; Black-legged Kittiwake 3; gull species 114; Dovekie 38; Razorbill 1; Black Guillemot 40; murre species 1; Rock Pigeon 6; Mourning Dove 38; Downy Woodpecker 1; Pileated Woodpecker 2; Northern Shrike 1; Gray Jay 11; Blue Jay 52; American Crow 99; Common Raven 18; Black-capped Chickadee 77; Boreal Chickadee 9; Red-

breasted Nuthatch 8; White-breasted Nuthatch 3; Brown Creeper 1; Golden-crowned Kinglet 2; American Robin 2; European Starling 95; Bohemian Waxwing 11; Cedar Waxwing 10; American Tree Sparrow 5; Song Sparrow 3; White-throated Sparrow 1; Dark-eyed Junco 8; sparrow species 12; Snow Bunting 71; Red-winged Blackbird 3; Common Grackle 4; Pine Grosbeak 12; Purple Finch 2; White-winged Crossbill 13; Common Redpoll 49; Pine Siskin 18; American Goldfinch 134; Evening Grosbeak 22; House Sparrow 24.

Total Species 68, about 2,893 individuals. (CW. Purple Sandpiper, Northern Harrier Great Horned Owl, Baltimore Oriole).

Sandy Anthony, Jean Bagnell, Rob Boone, Terry Burke, **Bill Bussey (co-compiler)**, Dianne Bussey, Eddie Bussey, **Ken Donovan (co-compiler)**, Sheila Fudge, Tom Fudge, Bethsheila Kent, Floyd Kent, John Lahey, Elizabeth Lalonde, Gerry Lalonde, Miles MacDonald, Patsy MacDonald, John MacInnis, Ramona MacLeod, Weldon MacPhail, Dave McCorquodale, Pearl Magee, **Susann Myers (co-compiler)**, Lisa Peck, Matthew Peck, Terry Power, Laura Saunders, Marmon Smith, Judy Swain, Lester Swain.

LUNENBURG, Jan 2; 8AM to 5PM. Temp. -1 to 3C. Wind NW 10kmph. Snow 10cm. Still water frozen, moving partly frozen. A.M. partly cloudy, light snow. P.M. clear. 22 field observers in 11 parties, 10 at feeders. Total party hours 66.25 (32 on foot, 34.25 by car). Total party kilometres 628.95 (37.25 by foot, 591.70 by car).

Canada Goose 48; Gadwall 4; American Wigeon 1; American Black Duck 207; Mallard 574; Northern Pintail 8; Green-winged Teal 5; **Redhead 1**; Greater Scaup 676; Lesser Scaup 14; Common Eider 91; Harlequin Duck 2; Surf Scoter 4; Black Scoter 2; Long-tailed Duck 154; Bufflehead 73; Common Goldeneye 204; Hooded Merganser 97; Common Merganser 47; Red-breasted Merganser 121; Ring-necked Pheasant 89; Red-throated Loon 3; Common Loon 33; Horned Grebe 32; Red-necked Grebe 3; Northern Gannet 3; Double-crested Cormorant 1; Great Cormorant 66; Great Blue Heron 1; Bald Eagle 16; Northern Harrier 1; Sharp-shinned Hawk 4; Red-tailed Hawk 18; Rough-legged Hawk 1; hawk species 1; American Coot 1; Purple Sandpiper 8; Black-headed Gull 2; Bonaparte's Gull 25; Ring-billed Gull 6; Herring Gull 1040; Iceland Gull 108; Glaucous Gull 2; Great Black-backed Gull 195; Black-legged Kittiwake 108; Dovekie 5; Thick-billed Murre 2; Black Guillemot 38; Rock Pigeon 205; Mourning Dove 335; Great Horned Owl 1; Belted Kingfisher 3;

Downy Woodpecker 18; Hairy Woodpecker 12; Northern Flicker 5; Northern Shrike 1; Blue Jay 206; American Crow 7814; Common Raven 53; Horned Lark 10; Black-capped Chickadee 325; Boreal Chickadee 16; Red-breasted Nuthatch 21; White-breasted Nuthatch 10; Golden-crowned Kinglet 24; **Townsend's Solitaire** 1; American Robin 10; Northern Mockingbird 2; **Brown Thrasher** 1; European Starling 966; American Pipit 15; Bohemian Waxwing 60; American Tree Sparrow 52; Savannah Sparrow 1; Fox Sparrow 1; Song Sparrow 18; **Lincoln's Sparrow** 1; Swamp Sparrow 4; White-throated Sparrow 27; Dark-eyed Junco 118; sparrow species 2; Lapland Longspur 3; Snow Bunting 7; Northern Cardinal 5; Red-winged Blackbird 4; Pine Grosbeak 27; Purple Finch 7; Red Crossbill 6; White-winged Crossbill 35; Common Redpoll 213; Pine Siskin 6; American Goldfinch 308; Evening Grosbeak 66; House Sparrow 27.

Total Species 92, about 15,193 individuals. (CW. Ring-necked Duck).

Joyce Allen, Bill Billington, Eileen Billington, Jill Comoli, Brian Delaney, Kelly Delaney, Hillary Dionne, Donna Ensor, Michael Ernst, Nicole Ernst, David Farrar, Martha Farrar, Sylvia Fullerton, Marni Gent, Gary Hartlen, **James Hirtle (compiler)**, Joanne Hubley, Fulton Lavender, Don MacNeill, Earl Meister, Anne Mills, Eric Mills, Sheevaun Nelson, Dorothy Poole, Laura Roblee, Gary Selig, Judy Smits, David Walmark, David Watson, Pat Watson, Dottie Welch, Bob Weld, Shirley Woods.

MARGAREE, Dec 15; Cancelled due to storm. (CW. American Black Duck, Common Merganser, Ring-necked Pheasant, Ruffed Grouse, Bald Eagle, Red-tailed Hawk, Rock Pigeon, Mourning Dove, Downy Woodpecker, Hairy Woodpecker, Pileated Woodpecker, Gray Jay, Blue Jay, American Crow, Common Raven, Black-capped Chickadee, Boreal Chickadee, Red-breasted Nuthatch, White-breasted Nuthatch, Golden-crowned Kinglet, American Robin, European Starling, **White-crowned Sparrow**, Dark-eyed Junco, Snow Bunting, Pine Grosbeak, Purple Finch, House Finch, Common Redpoll, Pine Siskin American Goldfinch, Evening Grosbeak, House Sparrow. Stephen Basker, Clifford Collins, Barrie Fraser, Eunice Hart, **Frances Hart (compiler)**, Karen Hart, Verna MacMillan.

NORTHPORT, Jan 5; 8:25AM to 10:30AM. Temp -7 to -5C. Wind W 15-20. Snow 30cm. Still water frozen, moving water partly frozen. A.M. clear. P.M. clear turning cloudy. 1 field observers in 1 parties, 2 at feeders. Total party hours 2.25 (2.25 by car). Total party kilometres 68 (68 by car).

Common Goldeneye 34; Common Merganser 3; Ruffed Grouse 4; Bald Eagle 1; Sharp-shinned Hawk 1; Herring Gull 160; Great Black-backed Gull 4; Rock Pigeon 64; Mourning Dove 1; Downy Woodpecker 4; Hairy Woodpecker 4; Northern Flicker 1; Blue Jay 4; American Crow 78; Common Raven 17; Black-capped Chickadee 6; European Starling 245; American Tree Sparrow 18; Dark-eyed Junco 5; Snow Bunting 2; Pine Grosbeak 3; Common Redpoll 1; American Goldfinch 13.

Total Species 23, about 673 individuals.

Mary MacNeil, **Scott MacNeil (compiler)**.

PICTOU HARBOUR, Jan 1; 7:15AM to 4:45PM. Temp. -7 to -3C. Wind variable, mostly calm. Snow 20cm. Still water frozen, moving water partly open. A.M. partly cloudy, P.M. clear. 14 field observers in 8 parties, 29 at feeders, 1 hours and 10km owling. Total party hours 51 (20 on foot, 31 by car). Total party kilometres 610 (28 by foot, 582 by car).

Canada Goose 729; Gadwall 11; Eurasian Wigeon 1; American Black Duck 1376; Mallard 100; Greater Scaup 3741; Lesser Scaup 22; Common Eider 2; Surf Scoter 4, White-winged Scoter 4; Black Scoter 3; Long-tailed Duck 320; Bufflehead 17; Common Goldeneye 363; Barrow's Goldeneye 7; Hooded Merganser 17; Common Merganser 1351; Red-breasted Merganser 2725; duck species 36; Ring-necked Pheasant 18; Ruffed Grouse 7; Double-crested Cormorant 2; Great Cormorant 3; Great Blue Heron 1; Bald Eagle 144; Sharp-shinned Hawk 3; Red-tailed Hawk 9; Merlin 1; hawk species 1; Bonaparte's Gull 2; Ring-billed Gull 29; Herring Gull 1301; Iceland Gull 102; Glaucous Gull 1; Great Black-backed Gull 82; gull species 438; Rock Pigeon 325; Mourning Dove 229; Great Horned Owl 1; Barred Owl 4; Northern Saw-whet Owl 1; Belted Kingfisher 9; Downy Woodpecker 25; Hairy Woodpecker 39; Northern Flicker 5; Pileated Woodpecker 5; Blue Jay 232; American Crow 2024; Common Raven 153, Black-capped Chickadee 804; Boreal Chickadee 4; Red-breasted Nuthatch 30; White-breasted Nuthatch 8; Brown Creeper 2; Golden-crowned Kinglet 11; American Robin 12; European Starling 1129; Bohemian Waxwing 62; American Tree Sparrow 66; Chipping Sparrow 3; Savannah Sparrow 1; Song Sparrow 23; White-throated Sparrow 6; Dark-eyed Junco 118; sparrow species 1; Snow Bunting 58; Northern Cardinal 2; Common Grackle 1; Pine Grosbeak 127; Purple Finch 3; Red Crossbill 7; White-winged Crossbill 40; Common Redpoll 163; **Hoary Redpoll** 1; Pine Siskin 39; American Goldfinch 148; Evening Grosbeak 45; House Sparrow 30.

Total Species 74 about 18,971 individuals. (CW. Northern Harrier, Northern Shrike, Yellow-rumped Warbler).

Carolyn Betts, Tim Brennan, Pay Christensen, Brenda Chisholm, Brian Dalzell, Bonnie Davidson, Linda Ferguson, Rick Ferguson, Bev Gale, May Goring, Bob Hanes, Carol Harris, Janey Hemphill, Elwin Hemphill, Ethan Huner, Randy Lauff, Jean MacDonald, Cheryl MacLane, Cathy Madore, Harold Madore, Pat McCarron, Jane MacCarthy, **Ken McKenna (compiler)**, Doreen O'Farrell, Dan Panting, Joan Panting, Curtis Purdy, Janet Purdy, Shannon Queen, Tee Roberts, Jim Roberts, Doreen Shadbolt, Glenn Shadbolt, Doreen Snow, Henry Snow, Amber Vines, Steve Vines, Bob Whitman, Judy Whitman, Pat Wilson, Cathy Wright, Donnie Wright.

PORT L'HEBERT, Dec 16; 7AM to 4:45PM. Temp. -4 to 2C. Wind NE 20-70kmph. Snow 6-10cm. Still water frozen, moving water partly open. A.M. cloudy, light snow. P.M. cloudy, heavy snow. 14 field observers in 9 parties, 2 at feeders. Total party hours 45 (35.5 on foot, 9.5 by car). Total party kilometres 325 (50 by foot, 275 by car).

Canada Goose 544; American Black Duck 205; Mallard 5; Green-winged Teal 7; Greater Scaup 50; Common Eider 618; Harlequin Duck 75; Surf Scoter 13; White-winged Scoter 13; Black Scoter 44; Long-tailed Duck 30; Bufflehead 25; Common Goldeneye 50; Common Merganser 11; Red-breasted Merganser 38; Ring-necked Pheasant 1; Ruffed Grouse 4; Spruce Grouse 1; Red-throated Loon 4; Common Loon 28; Horned Grebe 22; Red-necked Grebe 9; Double-crested Cormorant 1; Great Cormorant 5; Bald Eagle 5; Northern Harrier 2; Red-tailed Hawk 2; Rough-legged Hawk 1; American Kestrel 1; Sanderling 6; Dunlin 1; Black-headed Gull 1; Bonaparte's Gull 1; Herring Gull 211; Great Black-backed Gull 38; Dovekie 2; Black Guillemot 2; Rock Pigeon 27; Mourning Dove 170; Belted Kingfisher 1; Downy Woodpecker 1; Hairy Woodpecker 3; Northern Flicker 1; Gray Jay 2; Blue Jay 35; American Crow 133; Common Raven 14; Horned Lark 18; Black-capped Chickadee 94; Boreal Chickadee 4; Red-breasted Nuthatch 2; White-breasted Nuthatch 2; Golden-crowned Kinglet 8; American Robin 18; European Starling 180; Bohemian Waxwing 86; Cedar Waxwing 6; Yellow-rumped Warbler 13; American Tree Sparrow 2; Song Sparrow 9; White-throated Sparrow 14; **White-crowned Sparrow** 2; Dark-eyed Junco 14; Snow Bunting 62; Common Grackle 1; Pine Grosbeak 13; Purple Finch 5; House Finch 1; Common Redpoll 188; American Goldfinch 43; Evening Grosbeak 24; House Sparrow 8.

Total Species 72, about 3,331 individuals. (CW. American Wigeon, Northern Pintail, Great Blue Heron, Black-bellied Plover, Purple Sandpiper, Greater Yellowlegs, **American Woodcock**, Ring-billed Gull, **Yellow-breasted Chat**, Chipping Sparrow).

Lamont Blades, **Bill Crosby (compiler)**, Donna Crosby, Ray Casselman, Gail Daniels, Glen Demolitor, Donna Ensor, Dean Fiske, Emerson Fiske, Danny Mason, Roger Ross, Howard Roszel, Victor Wolfe, David Young.

ST. ANN'S BAY, Dec 14; 7:50AM to 4:15PM. Temp. -6 to -2C. Wind light. Snow 35cm. Still water frozen, moving water open. A.M. cloudy, snow squalls. P.M. cloudy. 9 observers in 8 parties, 1 at feeders, .25 hours and 8km owling. Total party hours 30.5 (5 on foot, 25.5 by car). Total party kilometres 94.7 (30.2 by foot, 64.5 by car).

American Black Duck 31; Surf Scoter 74; White-winged Scoter 57; scoter species 19; Long-tailed Duck 41; Common Goldeneye 143; Common Merganser 14; Red-breasted Merganser 46; Ruffed Grouse 1; Red-throated Loon 2; Common Loon 12; Horned Grebe 7; Red-necked Grebe 10; Great Cormorant 2; Bald Eagle 10; Sharp-shinned Hawk 1; Red-tailed Hawk 2; Ring-billed Gull 4; Herring Gull 91; Iceland Gull 1; Great Black-backed Gull 2; Dovekie 2; Black Guillemot 16; Mourning Dove 29; Belted Kingfisher 2; Downy Woodpecker 5; Hairy Woodpecker 8; Pileated Woodpecker 1; Gray Jay 3; Blue Jay 85; American Crow 70; Common Raven 17; Black-capped Chickadee 179; Boreal Chickadee 18; Red-breasted Nuthatch 76; Brown Creeper 3; Golden-crowned Kinglet 16; European Starling 26; Bohemian Waxwing 4; Cedar Waxwing 27; Song Sparrow 3; Dark-eyed Junco 5; Pine Grosbeak 13; White-winged Crossbill 37; American Goldfinch 12; Evening Grosbeak 9.

Total Species 45, about 1,234 individuals.

Bev Brett, Heather Dauphinee-Wilson, Diane Grant, **Bethsheila Kent (compiler)**, David McCorquodale, Susann Myers, Hilda Proctor, Wendy Smith, Marion Thompson, Andy Watt.

ST. PETER'S, Dec 27; 7:15AM to 4:40PM. Temp. -6 to -1C. Wind SW 0-15kmph. Snow 20cm. Still water frozen, moving partly frozen. A.M. clear. P.M. partly cloudy. 15 field observers in 11 parties, 22 at feeders. Total party hours 43.35 (31.5 on foot, 11.85 by car). Total party kilometres 184.6 (39 by foot, 145.6 by car).

Canada Goose 18; American Black Duck 91; Mallard 7; American Black Duck/Mallard hybrid 2; Northern Pintail 1; Greater

Scaup 6; Common Eider 1288; Harlequin Duck 3; Surf Scoter 43; White-winged Scoter 132; Black Scoter 14; Long-tailed Duck 190; Bufflehead 2; Common Goldeneye 169; Common Merganser 23; Red-breasted Merganser 128; Ruffed Grouse 8; Common Loon 13; Horned Grebe 9; Red-necked Grebe 14; Bald Eagle 30; Sharp-shinned Hawk 2; Red-tailed Hawk 3; hawk species 1; Purple Sandpiper 1; Wilson's Snipe 1; Black-headed Gull 5; Bonaparte's Gull 11; Ring-billed Gull 2; Herring Gull 303; Iceland Gull 8; Great Black-backed Gull 27; Dovekie 36; Thick-billed Murre 2; Black Guillemot 9; Rock Pigeon 33; Mourning Dove 43; Belted Kingfisher 1; Downy Woodpecker 3; Hairy Woodpecker 3; Pileated Woodpecker 3; woodpecker species 1; Gray Jay 36; Blue Jay 98; American Crow 299; Common Raven 19; Black-capped Chickadee 224; Boreal Chickadee 30; Red-breasted Nuthatch 15; White-breasted Nuthatch 2; Golden-crowned Kinglet 14; European Starling 175; American Tree Sparrow 10; Savannah Sparrow 4; Fox Sparrow 1; Song Sparrow 12; Dark-eyed Junco 12; Pine Grosbeak 27; White-winged Crossbill 6; Common Redpoll 159; American Goldfinch 139; Evening Grosbeak 24; House Sparrow 46.

Total Species 61, about 4,041 individuals. (CW. Merlin, Great Horned Owl, Bohemian Waxwing, Red Crossbill).

Norman Bartholomew, Tony Burke, Floyd Carter, April Carter, **Billy Digout (compiler)**, George Digout, Leonard Digout, Marg Digout, Sharon Digout, Sheila Digout, Stan Digout, Martha Holmes, David Johnston, Greta Keigan, George Kyte, Dell Landry, Gordon Landry, Helen MacDonald, Elaine MacNeil, Jack MacNeil, Weldon MacPhail, Emily Meyer, Peter Meyer, David McCorquodale, Susann Myers, Daniel Nightingale, Frances Oram, Norman Oram, Jeannie Shermerhorn, Bernie Sockett, Sheila Sockett, Donnie Sutherland, Annie Vanderhoeden, Ricky Wambolt, Trevor Wilkie, Joseph Wincey.

SHUBENACADIE, Dec 16; 8:00AM to 3:00PM. Temp. -16 to -10C. Wind light to 60kmph. Still water partly open, moving water partly frozen. A.M. Cloudy. P.M. Cloudy, heavy snow. 23 field observers, 29 at feeders, 5.5 hours owling. Total party hours 59 (22 on foot, 37 by car). Total party kilometres 678.5 (40.5 by foot, 638 by car).

Canada Goose 25; American Black Duck 31; Mallard 11; Common Merganser 57; Ring-necked Pheasant 233; Ruffed Grouse 6; Bald Eagle 49; Northern Harrier 2; Sharp-shinned Hawk 3; Northern Goshawk 1; **Broad-winged Hawk 2** (no details); Red-tailed Hawk 22; Rough-legged Hawk 2; Merlin 1;

hawk species 1; Ring-billed Gull 11; Herring Gull 37; Great Black-backed Gull 4; gull species 13; Rock Pigeon 604; Mourning Dove 573; Great Horned Owl 6; Barred Owl 4; Red-bellied Woodpecker 1; Downy Woodpecker 39; Hairy Woodpecker 43; Northern Flicker 1; Pileated Woodpecker 4; Northern Shrike 2; Gray Jay 4; Blue Jay 570; American Crow 962; Common Raven 240; Horned Lark 64; Black-capped Chickadee 676; Boreal Chickadee 3; Red-breasted Nuthatch 13; Golden-crowned Kinglet 29; American Robin 3; Bohemian Waxwing 76; Cedar Waxwing 28; European Starling 2387; Pine Warbler 2; American Tree Sparrow 122; Chipping Sparrow 1; Savannah Sparrow 1; Fox Sparrow 2; Song Sparrow 14; White-throated Sparrow 2; Dark-eyed Junco 128; Lapland Longspur 1; Snow Bunting 162; **Rusty Blackbird 1**; Common Grackle 2; Brown-headed Cowbird 17; Pine Grosbeak 35; Purple Finch 5; White-winged Crossbill 12; Common Redpoll 229; Pine Siskin 13; American Goldfinch 238; Evening Grosbeak 238; House Sparrow 168.

Total Species 61, about 8,602 individuals. (CW. White-breasted Nuthatch, Northern Cardinal, Baltimore Oriole).

Barbara Aitken, Mark Anthony, Fred Ashley, Rob Cameron, Terry Carroll, Carol Goswell, Brenda Grantmyre, Myrna Hambleton, Myrna Isnor, Donnie Langille, Joan Mackey, Roslyn MacPhee, Sharon MacPhee, Virginia Marshall, Blake Maybank, Linda McCulloch, Elsie McCulloch, Anne McDonald, Carolyn Myers, Jacques Perron, Christine Queripel, Nancy Reid, Earl Reid, Roby Scammell, Barbara Scott, George Searle, Dale Smith, Blanche Tanner, Janet Tanner, Julie Towers, Roger Wardrope, Lorne Weaver, Arthur West, Myrna West, **Rob Woods (compiler)**, Frank Woodworth.

SPRINGVILLE, Dec 15; 7:15AM to 4:30PM. Temp. -6 to -8C. Wind NW 20kmph. Snow 30cm. Still water frozen, moving water partly frozen. Skies clear all day. 8 field observers in 4 parties, 21 at feeders. Total party hours 30 (8 on foot, 22 by car). Total party kilometres 413 (8 by foot, 405 by car).

Canada Goose 125; Wood Duck 2; American Black Duck 119; Mallard 19; Ring-necked Pheasant 8; Ruffed Grouse 2; Bald Eagle 6; Sharp-shinned Hawk 1; Red-tailed Hawk 5; Ring-billed Gull 18; Herring Gull 169; Iceland Gull 4; Great Black-backed Gull 11; gull species 17; Rock Pigeon 400; Mourning Dove 199; Great Horned Owl 1; Downy Woodpecker 21; Hairy Woodpecker 17; Northern Shrike 1; Blue Jay 203; American Crow 799; Common Raven 33; Black-capped Chickadee 526; Boreal Chickadee 3;

Red-breasted Nuthatch 24; White-breasted Nuthatch 4; Brown Creeper 1; Golden-crowned Kinglet 5; American Robin 1; European Starling 532; Bohemian Waxwing 161; American Tree Sparrow 42; Song Sparrow 1; White-throated Sparrow 11; Dark-eyed Junco 100; Snow Bunting 17; Lapland Longspur 1; Red-winged Blackbird 3; Common Grackle 1; Brown-headed Cowbird 1; Pine Grosbeak 55; Purple Finch 14; Red Crossbill 4; White-winged Crossbill 5; Common Redpoll 178; Pine Siskin 6; American Goldfinch 171; Evening Grosbeak 48; House Sparrow 103.

Total Species 49, about 4,198 individuals. Harry Brennan, Jean Brennan, Betty Calder, Frank Calder, Ed Cormier, Sonny Cyr, Lyla Dort, Rick Ferguson, Claire Foote, Doug Fraser, Trudy Grant, Charlie Kendall, Kim Legere, Sandy MacGregor, Eleanor MacKay, John MacKearney, Judy MacLean, Jeanie McGee, Ken McKenna, Helen Melanson, Fred Polly, Sally Polly, Rob Reid, Judy Schuhulein, Cheryl Silver, Grant Stewart, Sue Uhren, Amber Vines, **Steve Vines (compiler)**.

STRAIT OF CANSO, Dec 25; 7:20AM to 1:30PM. Temp. -2 to -3C. Winds NNW 18-25. Snow 15cm. Still water frozen, moving water partly open. AM Partly clear. PM Partly clear, light snow. 5 field observers in 4 parties, 11 at feeders. Total party hours 17.75 (11.5 on foot, 6.25 by car). Total party kilometres 114.25 (7.75 by foot, 106.5 by car).

American Black Duck 55; Mallard 1; American Black Duck/Mallard hybrid 2; Greater Scaup 22; Common Eider 58; Harlequin Duck 1; Surf Scoter 7; White-winged Scoter 1; Black Scoter 6; Long-tailed Duck 47; Bufflehead 10; Common Goldeneye 151; Barrow's Goldeneye 1; Barrow'sXCommon Goldeneye hybrid 1; Common Merganser 55; Red-breasted Merganser 227; duck species 9; Red-throated Loon 2; Common Loon 21; Horned Grebe 4; Red-necked Grebe 10; Double-crested Cormorant 1; Bald Eagle 7; Black-headed Gull 6; Bonaparte's Gull 97; Ring-billed Gull 8; Herring Gull 131; Iceland Gull 126; Glaucous Gull 1; Great Black-backed Gull 9; gull species 17; Dovekie 14; Black Guillemot 27; Rock Pigeon 99; Mourning Dove 31; Northern Saw-whet Owl 1; Belted Kingfisher 1; Downy Woodpecker 3; Hairy Woodpecker 4; Pileated Woodpecker 1; Blue Jay 26; American Crow 171; Common Raven 6; Black-capped Chickadee 93; Boreal Chickadee 7; Red-breasted Nuthatch 17; White-breasted Nuthatch 1; Brown Creeper 2; Golden-crowned Kinglet 2; American Robin 5; Northern Mockingbird 1; European Starling 290; Bohemian Waxwing 16; Pine Warbler 2; American Tree Sparrow 30; Song Sparrow 4; Dark-eyed Junco 24;

Pine Grosbeak 53; Red Crossbill 5; White-winged Crossbill 26; Common Redpoll 272; Pine Siskin 6; American Goldfinch 29; House Sparrow 21.

Total Species 61, about 2,386 individuals. (CW. Sharp-shinned Hawk, Red-tailed Hawk, Baltimore Oriole, Purple Finch, Evening Grosbeak).

Cullen Bolger, Billy Digout, David Fifield, Lorena Forbrigger, Tom Hardiman, **David Johnston (compiler)**, Mary Johnston, Weldon MacPhail, Thelma MacPherson, David McCorquodale, Jim McLean, Rilla McLean, Susann Myers, Betty Talbot, Louis Talbot.

SYDNEYS, Dec 21; 7AM to 5PM. Temp. -5 to -4C. Winds N 20-35kmph. Snow 20-30cm. Still water frozen, moving water partly open. Cloudy light snow all day. 28 field observers in 13-14 parties, 54 at feeders. Total party hours 62 (30.75 on foot, 31.25 by car). Total party kilometres 468.5 (25.5 by foot, 443 by car).

American Wigeon 1; American Black Duck 1425; Mallard 385; American Black Duck/Mallard hybrid 10; Northern Pintail 2; Green-winged Teal 3; Ring-necked Duck 1; Greater Scaup 18; Lesser Scaup 2; Common Eider 1; Surf Scoter 6; White-winged Scoter 283; Black Scoter 9; Long-tailed Duck 169; Bufflehead 25; Common Goldeneye 319; Barrow's Goldeneye 11; Common Merganser 6; Red-breasted Merganser 58; duck species 52; Ring-necked Pheasant 11; Ruffed Grouse 10; Common Loon 4; Great Cormorant 54; cormorant species 12; Great Blue Heron 1; Bald Eagle 33; Northern Harrier 4; Sharp-shinned Hawk 6; Red-tailed Hawk 4; Peregrine Falcon 1; American Coot 2; Black-headed Gull 2; Bonaparte's Gull 17; Ring-billed Gull 3; Herring Gull 1097; Iceland Gull 628; Glaucous Gull 3; Great Black-backed Gull 294; gull species 102; Black Guillemot 14; Rock Pigeon 395; Mourning Dove 187; Belted Kingfisher 1; Downy Woodpecker 45; Hairy Woodpecker 27; Northern Flicker 8; Blue Jay 206; American Crow 7500; Common Raven 175; Black-capped Chickadee 573; Boreal Chickadee 9; Red-breasted Nuthatch 47; White-breasted Nuthatch 11; Brown Creeper 4; Golden-crowned Kinglet 6; American Robin 5; European Starling 1311; Bohemian Waxwing 508; Pine Warbler 1; Yellow-breasted Chat 1; American Tree Sparrow 11; Savannah Sparrow 2; Song Sparrow 36; Dark-eyed Junco 98; Lapland Longspur 5; Snow Bunting 69; **Rusty Blackbird 1**; Common Grackle 8; Baltimore Oriole 5; Pine Grosbeak 124; Purple Finch 11; White-winged Crossbill 35; Common Redpoll 319; Pine Siskin 123; American Goldfinch 434; Evening Grosbeak 17; House Sparrow 665.

Total Species 75, about 18,082 individuals. (CW. Hooded Merganser, Double-crested Cormorant).

Kathleen Aitkens, Claire Andrea, Charles Andrews, Jessie Andrews, Bill Bailey, George Baillie, Marilyn Baillie, George Ball, Graham Benvie, Rod Beresford, Mary Lou Blundon, Paul Bonnar, Heather Brown, Brent Buffett, Bill Bussey, Maureen Cameron-MacMillan, Irene Campbell, Pat Campbell, Judy Cartwright, Don Courage, Rose Courage, Tim Courage, Joan Cunningham, Vince Cunningham, April Digout, Billy Digout, Clayton d'Orsay, Don Dunbar, Eleanor Dunning, John Dunning, Bill English, Susan English, Daniel Francois, Gwen Gardner, Tom Gardner, Betty Gentile, Barb Glassey, Malcolm Greencorn, Nancy Haley, Terry Haley, David Harris, Annamarie Hatcher, Martin Hatcher, Abbey Keeping, Jeannie Keeping, Bethsheila Kent, Sandra Lewis, Andrew MacDonald, Barbara MacDonald, James MacDonald, Yvonne MacDonald, Paul MacDougall, Sam MacDougall, Jody MacEachern, Gordon MacFadden, Joan MacFadden, John W. MacInnis, Lillian MacKeigan, Wendy MacKeigan, Allen MacLeod, Amanda MacLeod, Jeff MacLeod, Jack MacNeil, **David McCorquodale (compiler)**, Megan McCorquodale, Joan Mills, Jane Monahan, Ron O'Handley, Al Patterson, Gordon Sampson, Laura Saunders, Brian Seville, Pam Seville, Cal Smith, Norm Smith, Jennifer Stephen, Les Urban, Lydia Urban, Jack White, Albert Zwicker.

TRURO, Dec 29; 8AM to 3PM. Temp. -8 to 2C. Winds SE 20kmph. Snow 20cm. Still water frozen, moving water partly frozen. A. M. partly cloudy, heavy snow. P.M. heavy snow. 9 field observers in 7 parties, 13 at feeders. Total party hours 28 (12.5 on foot, 15.5 by car). Total party kilometres 345 (31 by foot, 314 by car).

American Wigeon 2; American Black Duck 23; Mallard 517; Northern Pintail 1; **Gray Partridge 10**; Ring-necked Pheasant 133; Ruffed Grouse 2; Bald Eagle 4; Northern Harrier 2; Sharp-shinned Hawk 1; Red-tailed Hawk 4; Merlin 1; Ring-billed Gull 5; Herring Gull 115; Iceland Gull 1; Lesser Black-backed Gull 1; Great Black-backed Gull 17; Rock Pigeon 584; Mourning Dove 235; Downy Woodpecker 17; Hairy Woodpecker 15; Northern Flicker 4; Pileated Woodpecker 1; Blue Jay 150; American Crow 1943; Common Raven 1; Horned Lark 21; Black-capped Chickadee 175; Red-breasted Nuthatch 10; White-breasted Nuthatch 5; Golden-crowned Kinglet 2; European Starling 1923; Bohemian Waxwing 25; American Tree Sparrow 51; Chipping Sparrow 1; Song Sparrow 9; White-throated Sparrow 3; Dark-eyed Junco

67; Snow Bunting 75; Northern Cardinal 3; Common Grackle 1; Baltimore Oriole 3; Pine Grosbeak 62; Common Redpoll 440; Pine Siskin 5; American Goldfinch 172; Evening Grosbeak 3; House Sparrow 36.

Total Species 48, about 6,881 individuals. (CW. Rusty Blackbird).

Winnifred Bigney, Linda Hall, **Ross Hall (compiler)**, Joan Hudgins, Rip Irvin, Bernard Jackson, Betty Lynds, Martha MacLaughlin, Marilyn MacWha, Marcia Moulant, Jeff Ogden, John Ruben, Trish Ruben, Millie Russell, Harold Stewart, Sheila Stewart, Rose Selwyn-Smith, Cliff Sandeson, Aldene Taylor, Neil Taylor.

WEST HANTS, Dec 29; 8AM to 5PM. Temp. -4 to 4C. Winds calm. No snow cover. Still water frozen, moving water partly open. A.M. Heavy snow. P.M. Light snow. 25 field observers in 14 parties, 10 at feeders, 1.5 hours and 23 km owling. Total party hours 75 (30 on foot, 45 by car). Total party kilometres 718 (57 by foot, 661 by car).

Canada Goose 66; American Black Duck 546; Mallard 81; Bufflehead 1; Ring-necked Pheasant 101; Ruffed Grouse 4; Bald Eagle 8; Northern Harrier 1; Sharp-shinned Hawk 4; Red-tailed Hawk 40; Rough-legged Hawk 3; Peregrine Falcon 1; Ring-billed Gull 36; Herring Gull 508; **Lesser Black-backed Gull 1**; Glaucous Gull 1; Great Black-backed Gull 122; Rock Pigeon 232; Mourning Dove 386; Barred Owl 6; Downy Woodpecker 24; Hairy Woodpecker 26; Northern Flicker 16; Pileated Woodpecker 6; Blue Jay 670; American Crow 1058; Common Raven 153; Horned Lark 15; Black-capped Chickadee 344; Boreal Chickadee 3; Red-breasted Nuthatch 1; White-breasted Nuthatch 12; Golden-crowned Kinglet 7; American Robin 26; Northern Mockingbird 1; European Starling 2829; Bohemian Waxwing 694; Cedar Waxwing 42; American Tree Sparrow 41; Chipping Sparrow 2; **Vesper Sparrow 1**; Song Sparrow 14; White-throated Sparrow 11; Dark-eyed Junco 323; Snow Bunting 12; Baltimore Oriole 1; Pine Grosbeak 37; Purple Finch 2; White-winged Crossbill 1; Common Redpoll 585; **Hoary Redpoll 2**; Pine Siskin 2; American Goldfinch 617; Evening Grosbeak 284; House Sparrow 102.

Total Species 55, about 10,115 individuals. (CW. Green-winged Teal, Great Blue Heron, Pine Warbler).

George Alliston, Margaret Alliston, Robert Baldwin, Joan Barkhouse, John Belbin, Libby Caldwell, Louise Coutinho, Gail Davis, Glen Davis, Muriel Golan, Andrew Harvie, Susan Harvie, Angela Joudrey, Caroline Kelly, **Patrick Kelly (compiler)**, Mike King, Peggy Kochanoff, Blake

Maybank, Lisa Paon, Virginia Redden, Neil Robarts, John Robertson, Barry Sabean, Geneva Sanford, Debbie Shaw, Elizabeth Stern, Richard Stern, Bill Thexton, Brenda Thexton, Jean Timpa, Daphne Warden, Jim Wolford, Frank Woolaver.

WHITE POINT, Dec 22; 8:00AM to 5:00PM. Temp -18 to -3C. Wind W 5kmph. Snow 15cm. Still water frozen, moving water partly open. Skies clear all day. 9 field observers in 3 parties, 4 at feeders. Total party hours 24 (9.75 on foot, 14.25 by car). Total party kilometers 248.2 (14 on foot, 234.2 by car).

Canada Goose 479; American Black Duck 261; Mallard 170; Greater Scaup 28; Common Eider 324; Surf Scoter 14; White-winged Scoter 46; Black Scoter 2; Long-tailed Duck 102; Bufflehead 33; Common Goldeneye 19; Common Merganser 9; Red-breasted Merganser 22; Ruffed Grouse; Common Loon 16; Horned grebe 6; Red-necked Grebe 42; Double-crested Cormorant 1; Great Cormorant 12; Bald Eagle 4; Sharp-shinned Hawk 2; Northern Goshawk 1; **Broad-winged Hawk 1**; Red-tailed Hawk 1; Merlin 1; Purple Sandpiper 1; Ring-billed Gull 2; Herring Gull 282; Iceland Gull 1; Great Black-backed Gull 25; Dovekie 4; Black Guillemot 33; Rock Pigeon 132; Mourning Dove 126; Short-eared Owl 1; Downy Woodpecker 19; Hairy Woodpecker 14; Northern Flicker 2; Northern Shrike 2; Blue Jay 136; American Crow 250; Common Raven 9; Black-capped Chickadee 189; Red-breasted Nuthatch 24; White-breasted Nuthatch 12; Brown Creeper 2; Golden-crowned Kinglet 2; **Ruby-crowned Kinglet 1**; American Robin 23; Northern Mockingbird 1; European Starling 224; Bohemian Waxwing 280; Cedar Waxwing 1; American Tree Sparrow 21; Chipping Sparrow 2; Song Sparrow 15; White-throated Sparrow 20; Dark-eyed Junco 104; Lapland Longspur 1; Northern Cardinal 6; **pheucticus species**; Red-winged Blackbird 3; Pine Grosbeak 8; Purple Finch 13; Red Crossbill 1; Common Redpoll 197; American Goldfinch 107.

Total Species 67, about 3,898 individuals. (CW. Barrow's Goldeneye, Hermit Thrush, Baltimore Oriole).

Jane Alexander, **Sam deRuyter (compiler)**, Donna Ensor, Sylvia Fullerton, Gary Hartlen, James Hirtle, Anne Hughes, Ken MacAulay, Marg Millard, Dorothy Poole, Clyde Stoddart, Geraldine Williams.

WOLFVILLE, Dec 15; 8AM to 5PM. Temp. -9 to -11C. Wind NW 13-37kmph. Snow 20-24cm. Still water frozen. Moving water partly frozen. A.M. cloudy. P.M. partly cloudy. 49 field observers in 24

parties. Total party hours 130 (64.5 on foot, 65.5 by car). Total party kilometres 803 (125.5 by foot, 677.5 by car).

Canada Goose 504; American Black Duck 1314; Mallard 690; Common Eider 50; Bufflehead 1; Common Goldeneye 4; Common Merganser 44; Ring-necked Pheasant 268; Ruffed Grouse 3; Bald Eagle 228; Northern Harrier 5; Sharp-shinned Hawk 9; Northern Goshawk 1; Red-tailed Hawk 126; Rough-legged Hawk 7; Merlin 3; Peregrine Falcon 2; hawk species 1; Sanderling 3; Ring-billed Gull 25; Herring Gull 1631; Iceland Gull 2; Great Black-backed Gull 502; gull species 3; Rock Pigeon 394; Mourning Dove 911; Downy Woodpecker 93; Hairy Woodpecker 65; Northern Flicker 49; Pileated Woodpecker 5; Northern Shrike 2; Gray Jay 2; Blue Jay 1072; American Crow 11357; Common Raven 347; Horned Lark 245; Black-capped Chickadee 1186; Boreal Chickadee 3; Red-breasted Nuthatch 17; White-breasted Nuthatch 59; Brown Creeper 4; **Winter Wren 1**; Golden-crowned Kinglet 51; **Ruby-crowned Kinglet 1**; American Robin 10; European Starling 9494; Bohemian Waxwing 207; Cedar Waxwing 29; Pine Warbler 2; Yellow-breasted Chat 1; **Eastern Towhee 1**; American Tree Sparrow 190; Chipping Sparrow 17; **Clay-coloured Sparrow 1**; Savannah Sparrow 22; Song Sparrow 140; **Vesper Sparrow 1**; White-throated Sparrow 102; **White-crowned Sparrow 3**; Dark-eyed Junco 1015; sparrow species 1; Lapland Longspur 6; Snow Bunting 81; Northern Cardinal 22; Red-winged Blackbird 2; Common Grackle 2; Brown-headed Cowbird 2; Pine Grosbeak 87; Purple Finch 38; Common Redpoll 406; **Hoary Redpoll 1**; Pine Siskin 43; American Goldfinch 1466; Evening Grosbeak 178; House Sparrow 191.

Total Species 71, about 35,049 individuals. (CW. White-winged Scoter, Barrow's Goldeneye, Great Horned Owl, Barred Owl).

George Alliston, Margaret Alliston, Kaitlin Almack, Jim Amos, Diana Anderson, Fred Archibald, Helen Archibald, Peter Austin-Smith Jr., Peter Austin-Smith Sr., Robert Baldwin, John Belpin, Charlane Bishop, Diana Bishop, Sue Bissix, Sherman Bleakney, Fen Boates-Bishop, Sherman Boates, **Alison Bogan, (compiler)**, Larry Bogan, Soren Bondrup-Nielsen, Carol Buckley, Nancy Burbidge, Scott Burbidge, Dick Cain, Ken Cheslock, Lana Churchill, Karen Cloghesy, Neil Cloghesy, Sandy Connelly, Pete Connelly, Ed Connolly, Chris Cox, Peggy Crawford, Graham Daborn, Debbie Daigle, Jim Daigle, Pat Davis, Lucas DeCicco, Pat Dix, Betty Eaton, Joan Eaton, Paul Elderkin, Wendy Elliott, Mary Ellis, George F. Forsyth, Harold Forsyth, Bernard

Forsythe, Sandra Forsythe, Hilma Frank, Hedley Fulton, Jean Gibson-Collins, Glenys Gibson, Jamie Gibson, Merritt Gibson, Mary Sue Goulding, Tim Hall, Charlotte Harper, Eileen Harris, Lorna Hart, Avril Harwood, John Harwood, Kim Hastings, David Hastings, Pat Hawes, Gail Herbin, Tom Herman, Maxine Hill, Marg Horne, Bob Horne, Winnie Horton, Lana Isenor, Dave Johnson, Ari Kalkman, Patrick Kelly, Jean Leung, Linda Lusby, Jake MacDonald, Del MacInnes, Mac MacInnes, Angus MacLean, Stella MacLean, Laurel McIvor, Ron Margeson, Pat Martell, Eleanor Mason, Rosaleen McDonald, Randy Milton, Terri Milton, Irene Moore, Adele Mullie, Phil Muntz, Terry Murphy, Edna Mutch, Rona Naismith, Jim Naismith, Gary Ness, Nancy Nickerson, Mike O'Brien, Ian Paterson, Linda Pearson, Terry Pearson, Dorothy Perkin, Pat Pocklington, Mary Pratt, Shirley Prescott, Gordon Robart, Jacquie Roche, Barry Sabean, Sarah Sabean, Linda Sacourman, Kathie Schaffner, Dave Shutler, David Silverberg, Peter Smith, Tyler Smith, Richard Stern, Sandy Stevens, Merriam

Sullivan, Bill Thexton, Brenda Thexton, Martin Thomas, Dianne Thorpe, Chris Toplack, Lois Tracy, Dave Tracy, Judy Tufts, Gertrude Waseem, Mohammed Waseem, Allison Webster, Dave Webster, Jacquie White, Rick Whitman, Sherman Williams, Jim Wolford, Jean Wood, Don Wright, Barry Yoell, Elizabeth Yoell, Earl Young, Sheila Young.

YARMOUTH, Dec 15; Temp. -22 to -21. Still water frozen, moving water partly frozen. Skies cloudy, light snow all day. 3 field observers in 3 parties, 10 at feeders. Total party hours 13 (13 by car). Total party kilometres 100 (100 by car).

Canada Goose 325; American Black Duck 40; Mallard 218; **Northern Shoveler** 2; Common Eider 19; Long-tailed Duck 2; Surf Scoter 8; White-winged Scoter 1; Common Goldeneye 23; Bufflehead 3; Hooded Merganser 8; Red-breasted Merganser 6; Ring-necked Pheasant 3; Common Loon 9; **Turkey Vulture** 8; Bald Eagle 1; Northern

Harrier 6; Sharp-shinned Hawk 1; Red-tailed Hawk 1; Rough-legged Hawk 2; Ring-billed Gull 3; Herring Gull 473; Iceland Gull 1; Great Black-backed Gull 104; Rock Pigeon 64; Mourning Dove 91; Downy Woodpecker 8; Hairy Woodpecker 5; Northern Flicker 1; Horned Lark 6; Blue Jay 43; American Crow 164; Common Raven 5; Black-capped Chickadee 86; Red-breasted Nuthatch 6; White-breasted Nuthatch 2; American Robin 6; Bohemian Waxwing 200; Cedar Waxwing 3; Northern Shrike 1; European Starling 257; American Tree Sparrow 10; Fox Sparrow 1; Song Sparrow 14; White-throated Sparrow 36; Dark-eyed Junco 115; Snow Bunting 105; Northern Cardinal 22; Red-winged Blackbird 20; Common Grackle 41; Brown-headed Cowbird 2; Purple Finch 9; Common Redpoll 161; Pine Siskin 25; American Goldfinch 131; Evening Grosbeak 130.

Total Species 55, about 3,036 individuals.

Sue Doherty, June Graves, **Helen Hall (co-compiler)**, **Hubert Hall (co-compiler)**.

□□□



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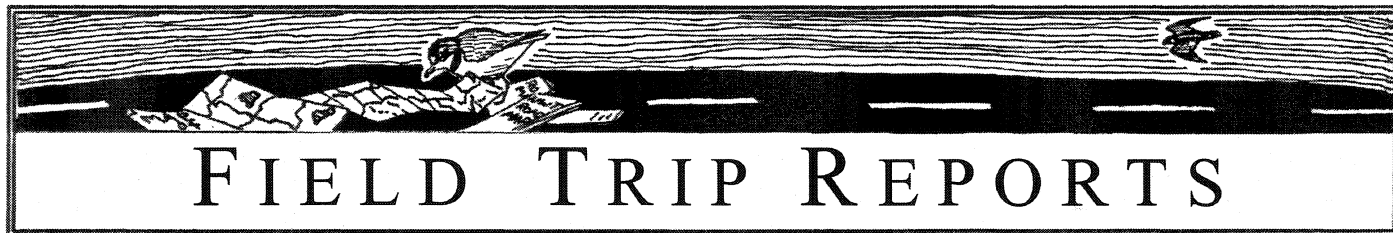
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Sewer Stroll II

16 February 2008, Leader: Fulton Lavender

Despite the cold and wind 17 participants enjoyed a full day of birding with 13 stops and a total of 57 species.

Some of the highlights were American and Eurasian Wigeon, Greater Scaup and Common Merganser at Sullivan's Pond; Baltimore Oriole, White-breasted Nuthatch, American Robin, Common Redpoll and Hoary Redpoll at Birch Cove Park; and Brown Creeper and an Orange-crowned Warbler on Brookdale Crescent. We stopped at Helen MacMillan's house on Richardson Drive where everyone got great looks at the visiting Townsend's Solitaire. We added Hooded Merganser at Little Salmon River; then headed out to Hartlen Point where we tallied Northern Harrier, Rough-legged Hawk, Lapland Longspur, Savannah Sparrow and Pine Grosbeak. At McCormacks Beach we had Ring-necked Pheasant, White-winged Scoter, and Black-headed Gull.

Earlier in the day Clarence Stevens, Sr. and his granddaughter, Leslie MacDonald, found a Wilson's Snipe at the Autoport in Shearwater. They were able to relocate it and show it to the whole group that afternoon! We continued to Tuft's Cove where we saw Gadwall, Bufflehead, and Lesser Scaup; and at the mouth of the Sackville River in Bedford we saw four Barrow's Goldeneye.

Special thanks to all the participants who included Patricia MacKonka, a visiting birder from Alberta.

Along the Fundy Shore

22 March 2008, Leader: Wayne Neily

The weather was not ideal for the NSBS/BNS/AFNC field trip, with temperatures ranging mainly from -9 to -5 (before windchill), and a NW wind along the coast of 35-50 km/h in exposed areas. The snow held off except for an occasional light flurry, and generally we had reasonably good viewing as long as we could find shelter from the wind. I understand that slippery roads in the interior of the province kept some South Shore birders away, but we had a good group of 10 birders from Kings and Halifax counties - close to an ideal size for a birding trip to allow everyone to see as much as possible. I'd still like to have a way to communicate quickly with all the cars when something is seen as we're moving along - Does anyone have experience with a low-power radio transmitter or some such device?

We had about 40 species - not counting a recently deceased Ruffed Grouse along the road at Margaretsville - with no great rarities but several species of interest. The highlights included the flock of 13 Harlequin Ducks at their usual spot at Port George, seemingly trying to prove that they were not unlucky by hugging the shore despite the high wind and wave action. Most sea ducks, including the Common Eiders, were farther out, and could be seen only by patiently waiting for them to come to the surface close enough to the crest of a wave to be seen. Scanning at Morden, Port George, and Margaretsville, produced fair numbers of eiders and Red-breasted Mergansers (25+), but only a few Long-tailed Ducks, Common Loons, and scoters (White-winged and Black were identified). Even gulls were difficult to get; beside our two basic ones, we had a Ring-billed, and Clarence Stevens (Sr.) managed to pick out an Iceland at Cottage Cove. Other coastal species eluded us and we decided to continue westward in the Valley because of the cold wind and swells at the shore.

Our first stop of the day was at Audrey Wellwood's excellent feeding station adjoining a ravine with a pond in it at Aylesford; there we were treated to the sight of pairs of early Mallards and Am. Black Ducks, as well as large flocks of redpolls (only Common identified) and Am. Goldfinches and a White-throated Sparrow, as well as other common feeder birds, including Dark-eyed Juncos. The Northern Cardinal that she had occasionally did not appear while we were there, nor did we find any of the famed Middleton ones later in the day, but one party (Shawn Hicks and myself) was lucky enough to see a male fly across the Wellwood driveway when we returned to pick up a car in the late afternoon.

Between Aylesford and Morden, at Welton's Corner, we had another highlight -- a large flock of Bohemian Waxwings perched in roadside trees gave us a good view for about 5 minutes until they all took off with the arrival of a Merlin. It, in turn, perched near the road and gave us a view through scopes and binoculars. I had estimated the waxwing flock to be about 400 birds, but Gary Myers got a photo of them in flight and said that by using a grid he was able to count more than 700! Other bright spots: flocks of Canada Geese going over Morden and Middleton; Hoary Redpolls (at least two *C. hornemanni exilipes*) along with many more regular species at Helen Sharp's feeding station in Margaretsville. Singing Song Sparrows there and elsewhere were

encouraging, as were small numbers of American Robins seen at various points. Sharp-eyed Clarence Stevens found a White-crowned Sparrow at another feeder in Margaretsville (Peter Harvie's) for a surprise highlight. Ring-necked Pheasants were resplendent at various points, but at one stop in Granville, about nine of them took off from a small area between the road and the Annapolis River.

At the west end of the trip, additions were Common Goldeneye, Bufflehead, and Red-necked Grebe (and a harbour seal) below the dam at Annapolis Royal, and a male Northern Harrier over the marshes along the river - probably a migrant. We were not able to find the two "possible Thayer's Gulls" seen there recently, nor were we successful in turning an apparent small Common Loon there into a Pacific, although it might be worthwhile for others in the area to check for it, as our view was not great.

All in all; it was an enjoyable day, and I would like to thank especially those feeder owners whose hospitality added so much: Audrey Wellwood, Helen Sharp, Gary Myers & Merry Atwood, and Sharon and Steve Hawboldt.

Bon Portage Island (BPI) Long Weekend Trip 16-19 May, 2008, Leader: Claire Diggins

On Friday, May 16th, 2008, six of us gathered at Prospect Point Wharf to cruise to BPI. The weather was warm and calm so we dumped our luggage at the Bunkhouse and headed for the Light. The warblers were hanging out in the shrubs around the camp and up the road. After dark the Leach's Storm Petrels began arriving and we stood in the intersection of the banding lanes and observed and listened. The bat-like movements and high-pitched chuckles of hundreds of birds finding their burrows thrilled us.

On Saturday we experienced hurricane-type winds and heavy rains but 4 of us walked up to the Light and across to the west side. Sightings were limited. We enjoyed a restful day near the new camp stove, donated by a friend of the island.

Sunday dawned with heavy wind and rain still present but all 6 of us packed a lunch and headed to the north end. Two members turned back because of the conditions but when the rest of us broke out onto the shoreline behind the north camp, the clouds moved off and the day turned super. We counted 73 Northern Gannets, Blue-winged Teal, DC Cormorants, Common Eiders, many on nests, a pair of Northern Harriers, a Sharp-shinned Hawk, Canada Geese, many gulls of both species with tiny fluffy chicks emerging in the nests. During the day and evening the team spotted or heard most species of warbler found on the island over many years, a Greater Yellowlegs, and several Willets.

There were sparrows, swallows, thrushes, chickadees, kinglets, and especially wonderful, several Rose-breasted Grosbeaks. We were happy to spot a White-breasted Nuthatch and there were Red-breasted, too. A small flock of Cedar Waxwings flew over and a bird flew along the shoreline and across the water. I felt sure it was a Short-eared Owl. There were at least 3 Great-horned Owls on the island calling. There were signs of woodpeckers. Joan Czapalay thought she spotted a Red-Bellied Woodpecker and I felt I had spotted one on the island in 2005. There was a Blue-headed Vireo and a Baltimore Oriole and Winter Wrens were singing everywhere. A Merlin arrived at supertime.

On Monday morning our Boatmen came to take us off because of wind-warnings. We were reluctant to leave but there was no guarantee which day we might be able to be taken off after that. All members of the trip appreciated the essence of the island and our time together as well as the wonderful birds, flowers, and small creatures that inhabit it.

Field Trip Report - Conquerall Mills 25 May 2008, Leader: James R. Hirtle

Thank you to all who attended the outing. The trip total was around 52 species, which is down by 8-18 species. Of note there were fewer warblers than normal and no flycatchers at all. Hermit Thrushes, which are usually at every nook and cranny, were all but absent. Another scarce bird this year in the area is the Winter Wren. We heard one, but it did not come out.

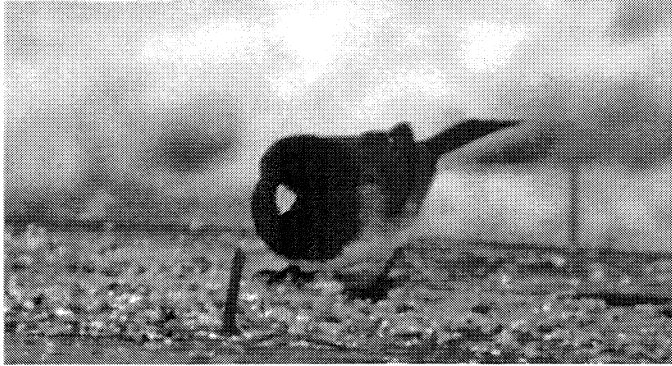
All but one of the group had great looks at two Northern Waterthrushes. We spotted Blackburnian Warblers at quite a few different locations, and thanks to the keen ears and eyes of one birder a pair of Broad-winged Hawks were a treat. Other raptors observed were Sharp-shinned Hawk, Red-tailed Hawk, and Bald Eagle.

Chestnut-sided Warblers are really scarce this year and Yellow Warblers and Common Yellowthroats appear to be down in numbers in this area. These are my own personal observations, so others may notice differently.

Swallows are also way down in this area so far.

The real surprise was the number of shorebirds about. At Crescent Beach we observed 17 Black-bellied Plovers, two Semi-palmated Sandpipers, a Greater Yellowlegs, a Least Sandpiper and a Dunlin. I've not listed the normal shorebirds that we would expect to see there, just the ones which should not be here at all now. □

Photo Album



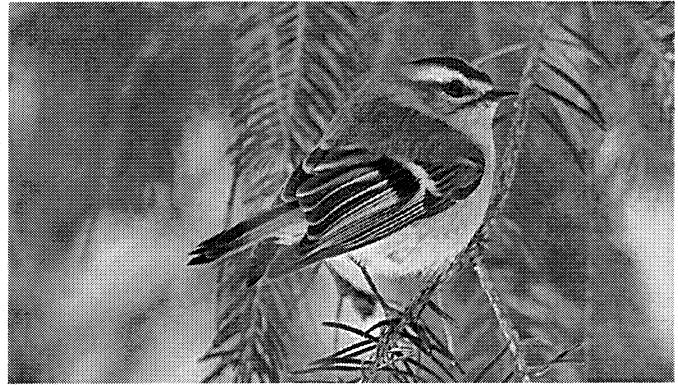
This Junco is a male of the subspecies *cismontanus*, which really represents a zone of intergrades between the “Slate-colored” and “Oregon” subspecies groups of Dark-eyed Junco. Its black hood, slaty back and tail, and paler grey flanks (with just a hint of brown on lower edges) are a good match for the Sibley’s “Adult male Canadian Rocky Mountains.” But, actually, that plumage is uncommon – most are browner on the flanks and back from their “Oregon” heritage. [Photo Ken MacKenna]



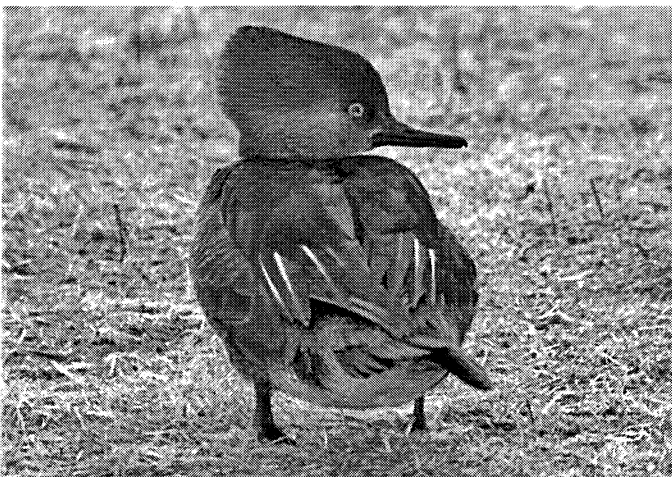
Wintering BROWN THRASHERS are usually rare enough to warrant photo documentation. This one, of at least three this winter, was gleaning meals under a feeder Dec. 15 at Halls Hbr., Kings. [Photo Richard Stern]



BELTED KINGFISHERS that managed to survive beyond December (this one 16 Feb. at Bayport, Lun.) had a relatively easy time of it thereafter. [Photo Rita Viau]



This image captures the perkiness of a tiny GOLDEN-CROWNED KINGLET, Dec. 10 near Kentville. [Photo Richard Stern]



This seemingly female-plumaged HOODED MERGANSER Jan. 30 at Sullivans Pond, Dartmouth, is in fact a male in First Basic (first winter) plumage. Giveaway features include the dark lower bill and the dark blackish-grey, as opposed to brown, crest. [Photo Bernard Burke]



A free-flying MUTE SWAN was an elegant addition to the wintering wildfowl at Sullivans Pond, Dartmouth, in early February (here Feb. 9). It was almost certainly the individual that had been wandering for some time around Bedford Basin and Halifax Hbr., and was perhaps an offspring of the tame pair that spent some years at the head of the Basin. [Photo Bernard Burke]



UPCOMING EVENTS

Field trips are open to non-members as well as members. Feel free to phone or E-mail the field trip leader or contact person ahead of time to obtain further information, directions or restrictions (e.g. dogs are not normally allowed on field trips). The area code for Nova Scotia is 902. NSMNH = The Nova Scotia Museum of Natural History, 1747 Summer Street, Halifax.

Ideas and suggestions for future trips are welcome. You do not need to be an expert to lead a field trip, and the trip does not need to last all day. You just need to share your favourite birding spots. Any questions, comments or suggestions, as well as all field trip reports should be directed to The Events Editor, Suzanne Borkowski 445-2922. E-mail: suzanneborkowski@yahoo.ca

Sat 14 Jun 2008 – Herbert River Trail

Leader: Patrick Kelly 798-3329 patrick.kelly@dal.ca

This easy walk follows the rail bed of the former train line that ran from Windsor to Truro via Kennetcook. It runs along the Herbert River for a good part of its length. Meet at the Newport Rink parking lot at 9:00 a.m. Take Exit 5 from Highway 101 and follow Highway 14 east for about 10 km to the village of Brooklyn. At the cenotaph, keep left and follow Highway 14 north for just under 1 km. At the intersection (Petro Canada station) Highway 14 turns right. Continue straight on Highway 215 (Note the YEILD sign. you do NOT have the right of way!) The rink is on the right as soon as you exit the intersection. Bring insect repellent. We should be done by lunchtime. Rain date Sun 15 June.

Sat 21 Jun 2008 – Shubenacadie

Leader: Rob Woods 261-2122 E-mail: rrtwoods@yahoo.com

Meet at 7:00 a.m. in the back parking lot of the Milford Community Centre. Take exit #9 off Hwy #102 to Milford. Turn right at T intersection. Take next right and drive past the fire hall to the Community Centre's back parking lot. We will spend the first hour walking the trails at the centre. Facilities are unavailable on the route after the first hour or so. No rain date.

Sun 22 Jun 2008 – Dawn Chorus on the Shearwater Flyer Trail

Leader: Cindy Staicer, 494-3533 (wk); 478-3635 (cell)

E-mail: cindy.staicer@dal.ca

Meet at 4:15 a.m. in the parking lot for the Cole Harbour Salt Marsh Trail on Bissett Road; or at 4:30 a.m. at the entrance to the trail on Caldwell Road just past the intersection of Caldwell and Hines Rd. We'll leave half the cars on Bissett Rd. and the other half on Caldwell Road, then walk back to Bissett Road. This 5 km. walk will last several hours during which we'll be learning to identify birds by sound. Bring insect repellent, water and snacks. No rain date.

Sat 12 Jul 2008 - Bird Islands

Leader: Maureen Cameron-MacMillan 727-2733

E-mail: maureen_cameron@excite.com

Pre-Registration is Necessary!

Meet at 1:00 pm at the Bird Islands Boat Tour office, 1672 Old Route 5 in Big Bras d'Or. Travel by boat with fellow birders to see an important local seabird colony, part of which we own, and now a Wildlife Management Area, where Puffins,

Guillemots, Great Cormorants, and many other species breed. Space is limited to 28 people. Please pre-register with Maureen by June 28th. Cost: approx. \$37 plus tax (group rate to be determined). No rain date.

Sat 19 Jul 2008 – Wallace Bay

Leader: Paul MacDonald 627-2568

E-mail: paulrita2001@yahoo.com

Meet at the Wallace Wharf at 8:30 a.m. Primary points of interest are the impoundments at the Wallace Bay National Wildlife Area. The morning will consist of a three-hour walk along a woodland trail, so come prepared with sturdy footwear, water, and a lunch. No rain date

Sat 02 Aug 2008 – Mahone Bay

Leader: James Hirtle 693-2104 E-mail: jrhbirder@hotmail.com

Meet at 8:00 a.m. across from the three churches in Mahone Bay. We'll explore a variety of habitats. Bring a lunch. The trip will conclude about 3:00 p.m. No rain date.

Sat 16 Aug 2008 – Cherry Hill Beach

Leader: Eric Mills 766-4606 E-mail: e.mills@dal.ca

Meet at 8:00 a.m. at the Cherry Hill fire hall, corner of Hwy #331 and Henry Conrad Road in Cherry Hill, Lunenburg County. Bring a lunch, insect repellent, sunscreen and rubber boots. Walking distance about 4 km; some parts of medium difficulty on sand and cobbles. Cherry Hill Beach area has a combination of salt marsh, salt marsh ponds, muddy intertidal flats (good for waders) and sand beach. The nearby forested areas have a good diversity of land birds. Specialties of the area include migrating waders, Piping Plovers (may be gone by mid August) and, occasionally, vagrant herons and gulls. Rain date: Sun 17 Aug.

Sat 09 Aug 2008 - Taylor Head Provincial Park

Leader: Jim Cameron 885-2970 E-mail: jim.cameron@ns.sympatico.ca

and Warren Parsons 772-2207 E-mail: rosalieeast@ns.sympatico.ca

This will be a joint trip with the Friends of Taylor Head Provincial Park. Meet at the end of the Taylor Head Provincial Park Road, in the last parking lot, at 9:00 am. Taylor Head is off Highway #7, Eastern Shore, past Clam Harbour and before Sheet Harbour. Taylor Head has over 17 km of hiking trails of

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which we will cover approximately 3 or 4. Many birds breed here such as Red Crossbills, Lincoln's Sparrows, Grey Jays and more. It's beach, rocky and wooded terrain so hiking boots and a hearty lunch are recommended. No rain date.

Sat 16 Aug 2008 – Seal Island Boat Trip

As part of "Island Days" Clarke's Harbour Recreation Dept. will be offering a boat trip to Seal Island. Life jackets are required. Arrangements can be made to borrow one if you don't have one of your own. For times and cost as well as other information, contact Parnell Walker at 745-0226 or e-mail: charbourrec@eastlink.ca Rain date: Sun 17 Aug.

Sat 23 Aug 2008 - Point Michaud

Leaders: Weldon MacPhail 535-3458 and Billy Digout 535-2513; E-mail: william.digout@strait.ednet.ns.ca

Meet at 8:30 a.m. in front of the Transportation building at the Exit to Hwy #247 (just east of St. Peters Canal). Lots of shorebird species and beautiful scenery are in store on this always-popular field trip. Lunch to follow at 1:00 pm at the home of George and Sharon Digout in River Bourgeois.

Fri 29 Aug to Mon 01 Sep 2008 – Bon Portage Island

Leader: Joan Czapalay.

Please pre-register by E-mail: joancz@ns.sympatico.ca or phone 348-2803 before August 22. Trip will be limited to 10-12 participants. Late registration with Claire Diggins 825-6152.

E-mail: claire.diggins@hotmail.com

Pre-Registration is Necessary!

This trip is not suitable for small children or pets. Depart 6:00 p.m. on Friday from the Prospect Point Wharf in Shag Harbour, Shelburne County. Bring food, drinking water, warm clothing, footwear for rough (beach cobble) and wet terrain, a flashlight, mattress sheet, and a sleeping bag. Carry gear in waterproof bags or containers. Field guides are available on the island, as are cooking pots, utensils, and dishes. There is a charge of \$45.00 for three nights accommodation for NSBS members plus a donation for the boat trip. Please Note: If getting on or off the island cannot be done safely, the trip will be moved to Cape Sable Island and area.

Sun 07 Sep 2008 - Cape Breton Shorebirds

Leader: Susann Myers 431-9123 E-mail: myerss@eastlink.ca

Meet at the Sydney Airport (at the fence to the right of the terminal building) at 9:00 a.m. Experience a great variety of species, both shorebirds and others, at Sydney Airport and nearby sites. This is our annual opportunity to get out on the airport runways and see good numbers of Buff-breasted Sandpipers, American Golden-Plovers and others in the company of birding friends. Bring a lunch. No rain date.

Sat 20 Sep 2008 – Editor's Field Trip - Peggy's Cove Loop.

Leader: Blake Maybank 852-2077

E-mail maybank@ns.sympatico.ca

Explore some little known trails and birding sites between White's Lake and Indian Harbour. Meet at 8:00 a.m. at the White's Lake Legion parking lot (junction of Rte 333 and Prospect Village Rd) – 30 minutes from downtown Halifax. No rain date.

Thu 25 Sep 2008 – Regular Meeting

NSMNH, 1747 Summer Street, Halifax, NS, 7:30 pm.

"Adventures among Birds in Western China". Guest Speaker, Martin Willison will use photography to illustrate a series of bird-related adventures which he enjoyed while living and working in western China for 10 months in 2007.

Fri 26 Sep to Sun 28 Sep 2008 – Brier Island Weekend

Leaders: James Hirtle 693-2104 E-mail: jrhbirder@hotmail.com.

and Wayne Neily 765-2455 E-mail: neilyornis@hotmail.com; and Fulton Lavender 455-4966

Friday night at sunset meet in the parking lot of the Brier Island Lodge to search for owls. Saturday morning meet at 8:00 a.m. in the parking lot of the Brier Island Lodge for birding the North Light, the Village and other hot spots. In the afternoon on Saturday or Sunday, 12:30 pm; take a Sea Bird Cruise with Mariner Cruises; or continue birding the island on your own. Sunday morning meet at 8:00 a.m. at Brier Island Lodge for more birding.

Sat 18 Oct 2008 - Meeting and Field Trip in Cheticamp.

Leader: Gordon Delaney 224-2490

E-mail: gordon.delaney@pc.gc.ca

Meet at 9:00 a.m. at the Visitors' Centre in the C.B. Highlands National Park Headquarters building. From the Visitors' Centre we will proceed to Cheticamp Island where we will see migrating seabirds and shorebirds, as well as do some birding along forest trails.

Meeting: 2:00 p.m. in the Theatre Room of the Cape Breton Highlands National Park Headquarters building. Speaker to be announced.

Thu 23 Oct 2008 – NSBS Annual General Meeting

NSMNH, 1747 Summer Street, Halifax, Nova Scotia. 7:30 p.m.

As usual, the AGM will be followed by a wine and cheese reception; a great opportunity to meet and mingle.

Sat 01 Nov 2008 - Port Hawkesbury Meeting and Field Trip

Leaders: David Johnston 625-1534 E-mail: dwj.jem@ns.sympatico.ca

and Dave McCorquodale 563-1260 E-mail: david_mccorquodale@capebretonu.ca

Meet at 9:00 am at the Tourist Information Building in Port Hastings. At the Canso Causeway there are frequently concentrations of gulls, eagles and gannets that are feeding on migrating skipjacks (aka billfish) in November. In addition we will check out the waterfront for loons, grebes, alcids and waterfowl; stop at feeders for lingering migrants; and scan a few fields and creek valleys for sparrows and warblers. Lunch will follow at the home of David and Mary Johnston.

Meeting: 3:00 pm. Speaker and location to be determined. □