"THE CURLEW"

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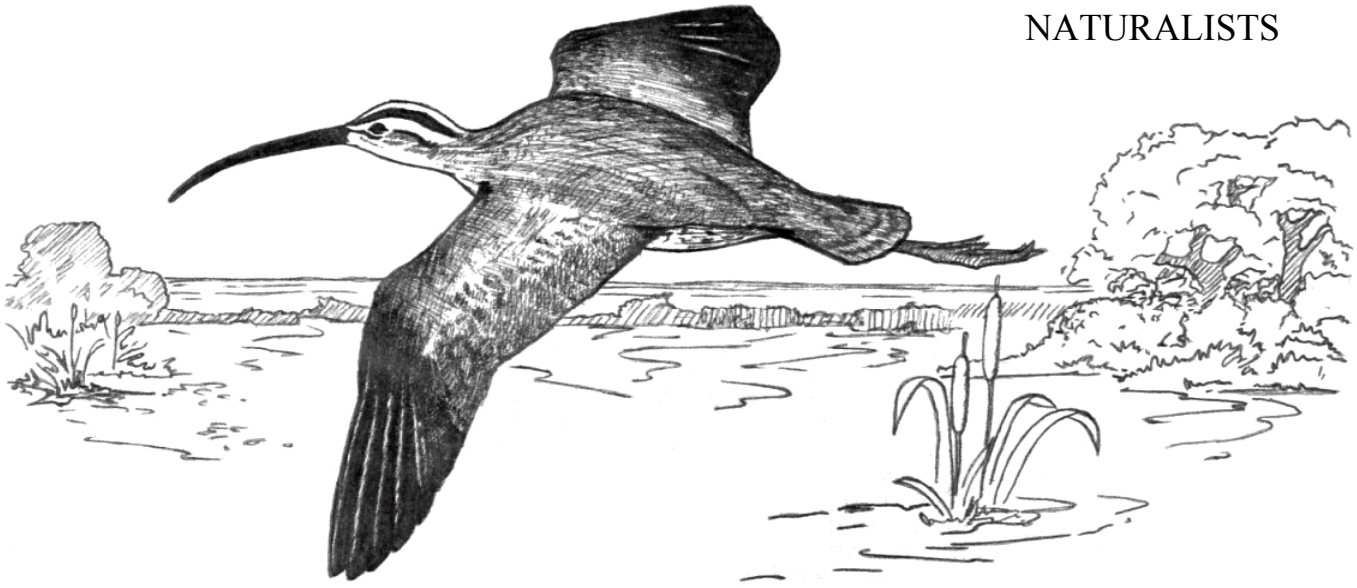
WILLOW BEACH FIELD
NATURALISTS



Vol LI No. 1 January 2006

COMING EVENTS

●**Friday, January 27, 2006, 7:30 p.m.** - Terry Fox School, 1065 Riddell Ave., Cobourg
Speaker: **Mark Rupke**, Topic: **Plankton.** Learn about the base of the aquatic food chain, diatoms, *spirogyra* and *daphnia*. Mark has been looking through the microscope studying and photographing plankton for 20 years. Come and listen while he shares what he has learned.

●**Sunday, February 19, 8:30 a.m. - Outing to Kendal Crown Land**. A winter outing to look for birds, mammals and owls in a parcel of crown land just north of Port Hope. Meet at 8 a.m. at the commuter parking at Hwy. 28 and Hwy. 401, opposite Arby's. Contact Ben Walters at 905-885-8586 for more information.

●**Friday, February 24, 2006, 7:00 p.m.** - District Health Unit, Rose Glen Rd., Port Hope
Annual General Meeting and Social. ***Please note earlier start time.*** **More information on page 5.**

●**Saturday, March 18,** leave Port Hope at 8 a.m. **Hamilton Harbour**. Outing to look for waterfowl in Hamilton Harbour and area as well as stopping at other areas on the way for other birds of interest that may be in the area. *This will be a carpool only event as we will not be meeting at a specific time in Hamilton.*

Watch future editions for more details of meetings and outings.

MEMBERSHIP NEWS

●The sympathy of the club is extended to Simone Mérey on the death of her mother.
●Our congratultions go to Geoff Dale upon the birth of his great-granddaughter December 9, 2005 in Calgary, Alberta.
●Congratulations to Paul and Margaret Appleman, first time grandparents to Avery Sharon Ann on Dec. 11, 2005.

2006 Membership Dues

Willow Beach Field Naturalists memberships are for one calendar year. Please note that the 2006 membership dues are now payable. There is a renewal form in the centre of this newsletter or payment will be accepted at the January general meeting.

Thank you to all our members for their continuing support.

Welcome to New Members

Mac and Sally Bradden, Port Hope
Graeme Coxon, Cobourg

PUBLICATIONS MAIL AGREEMENT NO. 40790538
RETURN UNDELIVERABLE CANADIAN ADDRESSED TO
BOX 421
PORT HOPE, ON L1A 3Z3

THE WILLOW BEACH FIELD NATURALISTS

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The editor is most grateful to those who have contributed to this issue of the Curlew. Copy for the February 2006 issue should be received by January 31, 2006. Rare or interesting sightings should be reported to Ted McDonald (885-4764) or Norma Wallace (885-5552) for the February Curlew. Correspondence for WBFN should be addressed to: "The Willow Beach Field Naturalists, P.O. Box 421, Port Hope, ON L1A 3Z3."

THE CHICKADEE FLIGHT OF AUTUMN 2005

We tend to take chickadees for granted. They always seem to be around, faithful visitors to most bird feeders, the staple fare of quiet winter days, their flocks attracting the first migrant Yellow-rumped Warblers in the spring and lingering waifs in the fall. In summer they are quieter, but a walk in the woods usually turns up a bird or two - or three, or four. They're just there.

But last fall it was difficult to take chickadees for granted. They seemed to be everywhere, and they were especially numerous along the lakeshore. Even when no other birds were moving, there were chickadees: and not just a few chickadees - there were dozens, pouring through the bushes, bouncing from tree to tree, restlessly hopping around in seeming agonies of indecision whenever a particularly open space interrupted their westerly flow.

If you are new to birding you could well have wondered what was going on. But in fact large flights of chickadees, while not annual, are quite regular features of the later fall, mainly in October. Susan Smith in the Birds of North America suggests they move roughly every two years. When I was writing *A Bird-finding Guide to Ontario* I analyzed the Ontario data and found that flights seemed to be at roughly three-year intervals. I guess the key word in both cases is 'roughly' and there are usually smaller numbers moving every year.

The really big years in my Provincial record set were 1951, 1965, 1975, 1983 and 1990. Turning to our county records, it seemed 1989 [3404 birds] was heavier here than '90 [with 2331], although both were good. Our next invasion was on time in 1993, but then the 2-3 year pattern seemed to change, at least in Northumberland: there was a very big movement in 1995, with an all-time high of 3818, and unusually good numbers for the next three years as well. However, that bonanza ended in 1998. 2000 was our lowest [404] since 1981, and it was not until 2001 [three years since the previous influx] that we had the next flight, with 2772. That brings us to 2005, as the intervening years were quiet. 2005 yielded a wholly unprecedented 4343 birds.

But that number is just of chickadees reported. If you look back to the October *Curlew*, you'll see that 1200 birds were reported by just three individuals, on October 17; over a quarter of the fall total! So how many chickadees were there? The alert reader also might notice all these counts were along the lakeshore. 'Aha' you say, 'they double counted.' And it is, of course, true that we all probably saw some of the same birds. So let's look at the highest total, 684 in Cobourg Harbour.

They weren't really in the harbour. We live on the 4th floor of a condominium just east of Division Street. The trees of the campground are south of us. Normally we look out westwards, and we keep track of the birds we see each day. Chickadees move west through Victoria Part [to the east of us], and some continue on through the trees of the campground, arriving at the elms along Division Street to face a treeless void to the west. They typically all hop around nervously for a short while, and then do one of three things: fly out westwards from the very tops of the elms; fly down to the lower trees along the street and head north-west through them; or turn around and go back [when they usually head through the low trees at the rear of the condo and then NW]. Only the birds in the first two groups get counted.

Of course, many chickadees move through the north part of the park. We do not see those at all. But the great thing about our location is that you can feel reasonably sure that you're not double-counting: chickadees

(Continued on page 4)

(Continued from page 3)
jump around so much it's usually difficult to be certain.

This fall 2016 chickadees flew past the window, so the 684 were only a third of the birds we saw moving. The 2016 were also three times the previous highest fall count over the last 15 years.

There was no doubt, however, that October 17 was the peak day, so much so that by 9:30-10:00 a.m. I began to wonder just how many birds were really moving, and did some timed counts just to check. They were in little flocks of 25 or so, and as one group vanished the next was appearing. It turned out they were passing at more than 170 birds every 5 minutes, or some 2040 an hour! Given that they had already started around 8:00 a.m. and continued unabated until noon, this implies at least 8160 birds passed. But they didn't stop then, and they were still moving quite steadily at 3:00 p.m. However, the rate had dropped to some 90 every 10 minutes, or 540 an hour. Let's arbitrarily assume this rate started right after lunch and ended at 3:00 p.m. [they did tail off after that time] and we have another 1620 birds, for 9780 total. So we could well have had as many as 10,000 chickadees that day!

As someone commented skeptically later, that's an awful lot of chickadees, and it's very true that with estimates of this kind even small variations in numbers can change the total significantly. But it's also true that probably half of the birds turned back to use another route without being counted, and it's highly unlikely that the numbers passing north of us were insignificant. There really were an awful lot of chickadees!

How widespread was the movement? Chickadees are not the normal fare of Ont-Birds, the OFO 'hot' line, but there were some comments about chickadees along the lower lakes. Perhaps the most interesting was from an observer in the Bruce Peninsula, who on November 8 commented on 'thousands' of chickadees over the past two weeks. In fact, I suspect it was one of the biggest flights ever.

Movements on this scale inevitably mean many of the birds will not make it, and evidence of this sometimes is easy to see. There was one report of two Merlins hunting chickadees off Owen Point at Presqu'ile. They were picking birds out of the air and eating them on the wing. Mortality of another kind occurred at our Condo. Very occasionally we'll find a dead bird of some kind in the parking lot, but one day in October we came home to find four chickadees lying on the ground. Two eventually recovered and flew off, but two were dead, sad evidence of the scale of this flight.

These movements are not considered 'migration' in the usual sense. They're termed 'irruptions', and are usually considered a response to shortages of food on the breeding grounds, although a very successful breeding season could be part of the explanation as well. Amazingly, almost all the birds moving in these flights have been found to be under a year old, and unlike most small landbird migrants, they move entirely during the day.

Migration or not, these exciting movements give us an inkling of the sheer volume of the bird migration which normally passed unseen over our heads at night twice each year.

- Clive Goodwin

This was being promoted as a good Christmas gift for a child!
OWL PUKE: For unconventional fun; this highly rated toy consists of a sterilized owl pellet that kids pick apart to discover what a bird has eaten. It's educational, cheap and not as gross as you'd think.

-Toronto Star, November 12, 2005

NOTICE OF ANNUAL GENERAL MEETING

KHPR Health Unit, Rose Glen Road, Port

February 24, 2006

AGENDA

7:00 p.m.	Refreshments and Bucket Raffle Viewing with Ticket Sales
7:30 p.m.	Reports by Chairs of Activity Committees
8:00 p.m.	Annual General Meeting - Election
8:30 p.m.	Bucket Raffle
	Draw for Saul Williams Print and framed photographs by Bill Crowley

DISPLAYS

During the social time at this meeting, there will be an opportunity to peruse displays on various environmental topics created by the Environment Club at Port Hope High School. Kelsi Prince, the dynamic speaker at our November meeting, has agreed to organize her fellow students to make these excellent displays available to us.

BUCKET RAFFLE

Barry Walker has again this year agreed to coordinate a bucket raffle as a fundraiser for the club. If you have an item or a service to donate, please contact Barry in advance of the meeting at 905-885-8250

FUNDRAISING DRAW

WBFN has been selling tickets throughout the fall as a fundraiser. The prizes are:

1st Prize: Limited Edition Framed Print by Saul Williams
Baby Thunderbirds - 49/125
(donated by Minnie Pennell)
2nd Prize: Framed Photograph - Owl Butterfly - by Bill Crowley
3rd Prize: Framed Photograph - Orchid - by Bill Crowley
4th Prize - Framed Photograph - Mushrooms - by Bill Crowley
(all photographs donated by Bill Crowley)

Tickets, $2.00 each or 3 for $5.00, are still available from Michael Biggar, 905-372-7407

ELECTION OF OFFICERS

There are some openings on the Executive Board. If you might be interested in serving the club in this way, please contact the Chair of the nominating committee, Carole Payne at 905-885-6135

Port Hope-Cobourg Christmas Bird Count 2005

On Saturday, December 17, 2005, the 35th Port Hope-Cobourg Christmas Bird Count took place. 48 observers covered the count circle from Willow Beach in the west to Lucas Point in the east, north to Rice Lake at Bewdley. These observers, as well as 17 feeder watchers, recorded 23,393 birds of 89 species. Both these totals were record highs. The previous record number of birds was 21,310 in 1994, where there was a huge movement of Common Goldeneye (6,666) on count day. The previous high species total was 81 in 2001. In addition to the 89 species seen count day, another 5 were seen count week.

The reason for all these record highs was snow. Two days before the count, the area was covered by a foot or more of snow. This pushed most ground feeding birds to roadsides and feeders where they could easily be counted. Overall, 17 species were found in record numbers, most of them ground foragers.

This year's highlights were:
-count week Bald Eagle
-count week Red-shouldered Hawk
-a record 186 Wild Turkeys
-one Killdeer
-count week Thayer's Gull
-count week Snowy Owl
-one Long-eared Owl
-one Carolina Wren
-a record 18 Eastern Bluebirds
-one Brown Thrasher
-147 Bohemian Waxwings
-one "Myrtle" Warbler
-3 Field Sparrows
-one Vesper Sparrow
-one White-crowned Sparrow
-4 Lapland Longspurs
-2 Eastern Meadowlark

Two species were recorded in record low numbers. These were American Kestrel and Ruffed Grouse. Kestrels seem to be declining as a wintering bird throughout north-eastern North America. Ruffed Grouse are probably just at the low point in their population cycle, the high point of which was in 1999 when 31 were counted.

- Roger Frost, Compiler

Species	Total
Great Blue Heron	2
Mute Swan	2
Canada Goose	2916
American Black Duck	78
Mallard	3460
American Wigeon	2
Northern Pintail	1
Redhead	3
Greater Scaup	161
Lesser Scaup	3
White-winged Scoter	4
Oldsquaw	272
Common Goldeneye	502
Bufflehead	152
Hooded Merganser	3
Common Merganser	151
Red-breasted Merganser	116
Bald Eagle	CW
Northern Harrier	2
Sharp-shinned Hawk	12
Cooper's Hawk	8
Northern Goshawk	1
Red-shouldered Hawk	CW
Red-tailed Hawk	56
Rough-legged Hawk	2
American Kestrel	1
Ruffed Grouse	2
Wild Turkey	186
American Coot	2
Killdeer	1
Ring-billed Gull	539
Herring Gull	289
Thayer's Gull	CW
Iceland Gull	1
Glaucous Gull	1
Great Black-backed Gull	21
Rock Dove	745
Mourning Dove	1573
Eastern Screech-Owl	5
Great Horned Owl	4
Snowy Owl	CW
Barred Owl	CW
Long-eared Owl	1
Northern Saw-whet Owl	1
Owl Sp.	1
Belted Kingfisher	2
Red-bellied Woodpecker	6
Downy Woodpecker	87
Hairy Woodpecker	64

Species	Total
Northern Flicker	2
Pileated Woodpecker	9
Horned Lark	618
Blue Jay	500
American Crow	1338
Common Raven	1
Black-capped Chickadee	1266
Red-breasted Nuthatch	17
White-breasted Nuthatch	174
Brown Creeper	7
Carolina Wren	1
Winter Wren	1
Golden-crowned Kinglet	4
Eastern Bluebird	18
American Robin	145
Brown Thrasher	1
Bohemian Waxwing	147
Cedar Waxwing	42
Northern Shrike	10
European Starling	1716
Myrtle Warbler	1
Northern Cardinal	163
Towhee Sp.	1
American Tree Sparrow	671
Chipping Sparrow	1
Field Sparrow	3
Vesper Sparrow	1
Song Sparrow	20
White-throated Sparrow	39
White-crowned Sparrow	1
Slate-colored Junco	2111
Lapland Longspur	4
Snow Bunting	927
Red-winged Blackbird	3
Eastern Meadowlark	2
Rusty Blackbird	14
Common Grackle	1
Brown-headed Cowbird	2
Pine Grosbeak	13
Purple Finch	59
House Finch	267
Red Crossbill	2
Common Redpoll	53
Pine Siskin	114
American Goldfinch	861
House Sparrow	601
Total Species	**89**
Total Individuals	**23393**

PETER'S WOODS MAINTANANCE & OPERATION REPORT 2005

VISITORS
Registered visitors totaled 1235, down by 95 from last year. It was again reported that many visitors were not signing in. As opposed to last year, July showed an increase while August decreased over 100.

MONTHLY DISTRIBUTION

May	198	August	169
June	137	September	223
July	185	October	323

GEOGRAPHICAL DISTRIBUTION
848 local visitors (within 1 hour drive)
287 other Ontario visitors
31 other Canadian visitors
21 United States visitors
54 visitors from other countries

GROUP VISITORS
Willow Beach Field Naturalists

SCIENTIFIC STUDIES
WBFN Summer Bird Census
Forest Bird Monitoring
Southern Flying Squirrel Study??

VOLUNTEER EFFORTS
Six people attended the opening on April 30: New hinges were installed on the trail guide and visitor registery box.
Toilet interiors were swept out and washed, while a general clean up of the driveway and parking lot was done. The group walked the trail clearing debris, and branches. Flagging of orange tape was noted near the southeast corner of the trail. On investigating, the tape tied to branches at intervals led to an opening cut in the south fence. The opening was closed using dead branches and the flagging was removed.
Closing on November 5 consisted of, opening the gate which had been locked, by some unknown person who, replaced an eye-bolt, and knew the lock combination. Four volunteers checked the trails and walked the south fence line making minor repairs. The damage to this fence is extensive as a result of falling trees and branches.
Twenty-six volunteers spent approximately 90 hours regularly checking, cleaning, providing supplies, cutting grass, and a chain saw was used to clear a birch that had fallen across the trail. There were two reports of excessive litter.

SUGGESTIONS
Again a request was made to provide a picnic table in the parking area.

COMMENTS
During a July check, a volunteer reported the discovery of small animal traps. Since we could find no record for permission for this type of activity, 10 traps were confiscated. While reading the report on Peter's Woods in August it suggested a flying squirrel study would be done in Peter's Woods. The traps were returned to the owner in October.
Jay Allenby wrote: My sister visited from Heidelberg two years ago to see this woods and my brother visited last year from Heidelberg to see it. Now I am here to see and photograph it because it has become famous in Germany."
Trail guides provided by Willow Beach Field Naturalists last year should last through 2006.
A visitors' registery was made up from a lined note book.

Opening is scheduled for April 29, 2006 and closing November 4, 2006.

- Russell Lake

The following item was received from Ontario Nature on December 21, 2005.

Good News for Land Conservation in Ontario! Legislature Passes *Duffins-Rouge Agricultural Preserve Act*

Before they left for the holidays, Ontario Legislators gave a gift to Ontario's nature by passing Bill 16, the *Duffins-Rouge Agricultural Preserve Act*. This legislation reinstates conservation easements on 800 hectares of land in the City of Pickering. Ontario Nature has been fighting to have the conservation easements reinstated since the City unilaterally revoked them last February. Pickering tried to remove the easements so that the lands could be developed. The Agricultural Preserve is a key component of the Golden Horseshoe Greenbelt that protects green space surrounding the GTA.

The passage of this bill strengthens all conservation easements in Ontario. Conservation easements are legal agreements between a landowner and a government agency or nonprofit organization that permanently limits development of the land. Now, no conservation easement can be amended or revoked without the consent of the Minister of Natural Resources. This will prevent any unscrupulous easement holder from canceling or amending these important conservation tools.

"This legislation shows that the Government of Ontario is ready to act decisively when there is a direct attack on such an important conservation mechanism," notes Caroline Schultz, Ontario Nature's Executive Director. "Now these valuable farmlands are protected in perpetuity," she adds.

Please take a moment to thank the government for passing the Duffins-Rouge Agricultural Preserve Act:

The Honourable David Ramsay
Minister of Natural Resources
6th Floor, Room 6630, Whitney Block
99 Wellesley Street West
Toronto, ON M7A 1W3
Fax: (416) 314-2216
email: minister@mnr.gov.on.ca

The Peterborough Office of the Nature Conservancy of Canada announced the following news in mid-December.

The Nature Conservancy of Canada expands protected prairie on the Rice Lake Plains

Globally rare tallgrass prairie and savanna donated

The Nature Conservancy of Canada (NCC) is pleased to announce the creation of a new protected area on the Rice Lake Plains, located north of Cobourg, ON. Thanks to a generous donation from Dr. Donald Barr, of Collingwood ON, NCC is able to protect a 30 acre parcel containing globally rare tallgrass prairie and Black Oak savanna habitat.

"This land has excellent restoration potential to enlarge the existing prairie and it contains a mix of prairie grasses and herbs, including Cylindric Blazing Star and Prairie Buttercup. Dr. Barr's donation helps NCC achieve its conservation objectives for the globally imperiled habitats of the Rice Lake Plains Natural Area," says Todd Farrell, NCC Stewardship Coordinator, Central Ontario.

The Rice Lake Plains span 100,000 acres along the eastern flanks of the Oak Ridges Moraine, between Peterborough and Cobourg. The region contains some of Ontario's last remaining examples of tallgrass prairie and savanna. Today, less than one percent of the one million square kilometers of prairie and savanna habitat that once covered central Canada and the United States remains. It is one of the rarest ecosystems in eastern North America. The prairie remnants on the Rice Lake Plains have been studied in detail by Dr. P. Catling and V.R. Brownell during their early 1990'2 research. The area was well documented by nineteenth century writer Catherine Parr Trail and today the stewardship work at Alderville First Nation's Alderville Savanna is a leading example of prairie restoration in the province.

The land donated by Dr. Barr, located in the Township of Alnwick-Haldimand, contains remnant tallgrass prairie and savanna habitat. The property is part of the Oak Heights Prairie area and is located adjacent to the Russ Creek Cemetery prairie. It is connected to several other prairie remnants by the Salt Creek valley corridor including Red Cloud Cemetery.

"We will be preparing a management plan for the property that will document its unique species and habitats and any property issues. This plan will be used to determine future restoration and property management techniques on the property," says Farrell.

In October of 2003, NCC, the County of Northumberland, Ganaraska Region Conservation Authority, Lower Trent Conservation, Ontario Parks and the Wildlife Habitat/ Wetland Habitat Fund formed a partnership to protect and restore key sites on the Rice Lake Plains. The partnership is working to promote the long-term sustainability of the savanna habitat, home to dozens of rare species including Butterfly Weed, Tall Cinquefoil, Big Bluestem, Black Oak and Sand Cherry. Though badly fragmented and overgrown with non-native species, intact remnants of the natural seed bed throughout the region offer the opportunity for the region to retain part of its natural heritage.

Within the joint initiative, NCC and partners are conducting inventories and working on management plans for three anchor properties on the Rice Lake Plains: Alderville Woods (46 hectares of 115 acres) secured in partnership by NCC and Lower Trent Conservation in 2001; Burnley Carmel (317 hectares or 784 acres) purchased by NCC in 2002 in

(Continued on page 10)

(Continued from page 9)
partnership with Ontario Parks and several tracts within the 2,400 hectares (6,000) acres of Northumberland County Forest.

The RLPJI members envision restoration and protection of sustainable tallgrass prairie and oak savanna habitat through co-operative efforts in conservation science, land stewardship, public outreach, and legal protection of land. This vision will be achieved in harmony with Oak Ridges Moraine legislation, policies and strategies, striking an appropriate balance between natural processes and human activities, and will lead to the long-term protection and enhancement of native species bio-diversity on the Rice Lake Plains while fostering awareness and understanding of the significance of the area. The RLPJI is funded by the Oak Ridges Moraine Foundation.

Cave Swallows Invade Ontario

8 November 2005 - Ontario and much of the northeastern United States is experiencing what appears to be the largest invasion ever of Cave Swallows. This species breeds in the American south and, in the last decade, has become increasingly more frequent in late fall in the northeast. Here at Long Point, ON, Cave Swallows have been seen several times since 1999. Late last week, birders near Rochester, NY reported close to 600 Cave Swallows, which immediately put everyone in Ontario on notice that a major invasion had occurred.

Since the Lake Ontario sightings, 47 Cave Swallows have been observed in the Long Point area. Given the size of this invasion, more sightings might be expected over the next few days in southern Ontario (One was found as far north as Algonquin Park this week). If you're out for a walk, keep an eye out for swallows flying by. This late in the migration, they are almost as likely to be Caves as Tree Swallows. Cave Swallows look a lot like Cliff Swallows with the pale rump and square tail, but their foreheads are chestnut rather than buff in colouration and, more importantly, their throats, which are much easier to see, are cinnamon-coloured rather then the sharply demarcated chestnut of Cliff Swallows.

- Source: Bird Studies Canada News - Nov. 11/05

Norma Wallace's sister frequently sends her clippings from the Vancouver Sun. This Associated Press story arrived last November and just begged to be shared.

Hunter knocked out by falling goose

STOCKHOLM - A Swedish hunter spent two days in bed after being knocked unconscious by a Canada Goose that landed on his head moments after his son shot it dead, news reports said Wednesday.

The goose had been flying about 20 metres up in the air when it was shot by Carl Johan Ilback, who was hunting with his father, Ulf, along a stream in eastern Sweden in August. When the goose dropped from the sky, it hit Ulf Ilback in the head and knocked him out, he said.

"It wanted to extract its revenge, I assume," Ulf Ilback told local newspaper, Extra Ostergotland. "If it had gotten a better hit, it could have broken my neck." Ilback spent two days in bed with severe headaches before returning to work.

"The story brought about a lot of laughter at work," he was quoted as saying, adding that during this month's moose hunt, he may wear a helmet.

RECENT SIGHTINGS

compiled by Ted McDonald

Red-throated Loon	Nov. 14	1	off Cobourg Harbour	CEG
Common Loon	Nov. 1	25	off Cobourg Harbour	CEG
	Nov. 28	1	inside Cobourg Harbour	MB
	Dec. 1	1	off D'Arcy St., Cob.	MB
	Dec. 14	1	off Gage's Creek, PH	EB
	Dec. 25	1	Cobourg Harbour	CEG
Horned Grebe	Nov. 22	6	off Candlewick Woods, PH Ward 2	RF
	Dec. 1	3	off D'Arcy St., Cob.	MB
	Dec. 1	2	Lucas Point, Cob.	MB
Double-crested Cormorant	Nov. 13	1	over Garden Hill area	DW
	Nov. 18	1	off Gage's Creek, PH	EK, GL
	Nov. 24-Dec. 4	1imm	Cobourg Harbour	MB
	Dec. 11/12	2/1	Cobourg Harbour	CEG
Great Blue Heron	Nov. 8	25	Hwy. 28 & 6th Line, PH Ward 2	PL
	Nov. 27	3	1010 Ontario St., Cob.	AEW
	Dec. 1	1	Port Hope harbour, centre pier	SW
	Dec. 6	1	Port Britain area	PB
	Dec. 7	1	Roseneath Landing	DS
	Dec. 9	1	Gage's Creek area, PH	MP
	Dec. 11	1	Cobourg Harbour	CEG
Turkey Vulture	Nov. 6	1	1010 Ontario St., Cob.	AEW
	Dec. 1	1	Lakeshore & Wesleyville Rd., PH Ward 2	MB
	Dec. 11	1	Telephone Rd. nr. CHUC	ERM
	Dec. 11	1	found dead, Rose Glen Rd.& Hwy. 2	TL, GLa
Brant	Nov. 6-18	1	foot of Lake St., PH	KA, BL, EK
Mute Swan	Dec. 7	8	Cobourg Harbour (high for month)	CEG
Gadwall	Nov. 1	1	Cobourg Harbour	CEG
Northern Pintail	Dec. 4	1	Cobourg Harbour	CEG
	Dec. 17	1	Cobourg Creek	MB
Green-winged Teal	Nov. 30	12	Cobourg Harbour (high for month)	CEG
	Nov. 28-Dec. 4	1m	Cobourg Harbour	MB
American Wigeon	Nov. 13-Dec.22	2	Cobourg waterfront	MB
Canvasback	Nov. 22	1	Cobourg Harbour	CEG
	Nov. 29	1	yacht basin, PH	DS
Redhead	Nov. 25	6	Cobourg Harbour	MB
	Dec. 13	4	yacht basin, PH	GL
	Dec. 7	7	Cobourg Harbour (high for month)	CEG
Ring-necked Duck	Nov. 9	3	Cobourg Harbour	CEG
Harlequin Duck	Nov. 11-26	1	off Lake St., PH	MObs
	Nov.17/29	2/3	Ganaraska River, PH	DS, EK
Surf Scoter	Nov. 13	5	off Cobourg Harbour	CEG
	Nov. 24	1m	off D'Arcy St., Cob.	MB
White-winged Scoter	Nov. 13	13	off Cobourg Harbour	CEG
	Dec. 1	6	flying east off D'Arcy St., Cob.	MB
Bufflehead	Nov. 13	23	Lucas Point, Cob.	AEW
	Nov. 17	~100	off Lake St., PH	EK
Hooded Merganser	Nov. 5-Dec. 31	1-2	Ganaraska River, PH	M.Obs.
	Nov. 11	16	Wicklow Beach (8 pairs)	CEG
	Dec. 3	3	Cobourg Harbour	CEG
	Dec. 17	1f	Cobourg Creek	MB
Red-breasted Merganser	Nov. 1	1500	off Cobourg Harbour (high for month)	CEG
Ruddy Duck	Nov. 13-22	1	Cobourg Harbour	CEG
Bald Eagle	Dec. 23	1imm	Lakeshore/Wesleyville Rd., PH Ward 2	MB
Northern Harrier	Nov. 7	1	Westwood area, Cob.	BF
	Nov. 15	2	Turk Rd., Hamilton Twp.	KD
	Nov. 20	1juv	Jamieson Rd. & 7th, PH Ward 2	LS

Sightings - cont'd.

Sharp-shinned Hawk	Nov. 13	1	Roseneath Landing	DS
	Nov. 18	1juv.	Durham St. feeder, PH	EK
	Dec. 3	1	Wesleyville	MB
	Dec. 9	1	1010 Ontario St., Cob.	AEW
	Dec. 14	1	Durham St. feeder, PH	EK
	Dec. 25	1	Brown St., PH	CP
	Dec. 31	1	Jamieson Rd. & 7th, PH Ward 2	LS
	Jan. 1	1	north end Cobourg	KM
Cooper's Hawk	Nov. 28	1	Northumberland Mall	CEG
	Dec. 3 & 22	1	Colborne area	JF
	Dec. 11-22	1imm	downtown Cobourg feeders	MB
	Dec. 25-31	1	east end Cobourg	BL
	Dec. 26	1	Jamieson Rd. & 7th, PH Ward 2	LS
	Dec. 29	1	King St.E., Cob.	BH
Northern Goshawk	Dec. 4	1	Cobourg Harbour	CEG
Red-shouldered Hawk	Dec. 4	1	4th Line, PH Ward 2	RF
	Dec. 11	1imm	Deer Park Rd. & Hwy. 401, PH Ward 2	MB
Rough-legged Hawk	Oct. 11	1	Jamieson Rd. & 7th, PH Ward 2	LS
	Dec. 4	1	over Northumberland Mall	DS
	Dec. 8	2	Lakeshore & Haskill Rd., PH Ward 2	MB
	Dec. 13	1	over Lake St., PH	GL
	Dec. 13	1	over Sherbourne St., PH	EK
	Dec. 19	1	Grafton	CEG
Golden Eagle	Nov. 12	1	Hwy. 28 & 4th Line, PH Ward 2.	GL
	Dec. 3 & 22	1	Roseneath Landing	DS
American Kestrel	Nov. 22	1	Lakeshore & Wesleyville Rd., PH Ward 2	JMcG
	Dec. 4	1	Wicklow	AEW
	Dec. 4/8	1	Jamieson Rd., PH Ward 2	LS
Merlin	Nov. 12	1	Hwy. 28 & 6th Line, PH Ward 2	PL
	Nov. 11-Dec. 29	1	Cobourg Harbour	CEG
Peregrine Falcon	Dec. 20	1	Garden Hill area	DW, MW
Ring-necked Pheasant	Oct. 24	1	Burnham & Beaver Meadow Rd.	LW
	Dec. 29	5	Lewiscourt, Gore's Landing	RH
Wild Turkey	Oct. 3	28	Jamieson Rd. & 7th, PH Ward 2	LS
	Nov. 11	7	Lakeshore Rd. w. of Wesleyville, PH Ward 2	ERM
	Dec. 8/25	8/3	McEwen Rd. n. of Hwy. 2, Hamilton Twp.	MJ
	Dec. 13	14	Hwy. 2 e. of Newtonville	JG
American Coot	Dec. 1-17/29	1-2	Cobourg Harbour	MB/BL
	Dec. 18	3	Cobourg Harbour (high for month)	CEG
Sandhill Crane	Nov. 22	35	over Hope St.N., PH	MH, GL
Wilson's Snipe	Nov. 14	1	Jamieson Rd. & 6th, PH Ward 2	LS
Bonaparte's Gull	Nov. 2	105	Cobourg Harbour	MB
	Nov. 5-7	20-50	off Lake St., PH	GL
	Nov. 20	230	Cobourg Harbour (high for fall)	CEG
	Dec. 1	28	Cobourg Harbour	MB
	Dec. 1	39	off Port Hope harbour	MB
	Dec. 23	7	Cobourg Harbour	CEG
Herring Gull	Nov. 8	105	off Lakeshore Rd., Cob.	LW
Thayer's Gull	Dec. 18	1	Cobourg Harbour	CEG
Iceland Gull	Dec. 10	1	Cobourg Harbour	CEG
Lesser Black-backed Gull	Dec. 9-10	1	Cobourg Harbour	CEG
Glaucous Gull	Dec. 8	1	Cobourg Harbour (1st for season)	CEG
	Dec. 18	2	Cobourg Harbour	CEG
Screech Owl	Nov. 13	1	Roseneath Landing (calling)	DS
Great Horned Owl	Nov. 13	2	Roseneath Landing (calling)	DS
	Dec. 1	1	Harwood area (calling)	RHu

Sightings - cont'd.

Snowy Owl	Dec. 12	1m	Cobourg Harbour	CEG
	Dec. 18	1f?	Cobourg Harbour	CEG, ERM
Barred Owl	Dec. 13	1	Port Hope Conservation Area	GL
	Dec. 24	1	Beaver Meadow Rd., Cold Springs	SW
Belted Kingfisher	Dec. 1	2	Willow Beach & Garden Hill	MB
	Dec. 3 & 22	1	Canton dam area	ERM
	Dec. 4	1	Gage's Creek mouth	GL
Red-bellied Woodpecker	Nov. 18	1	Durham St. feeder, PH	EK
	Dec. 9	1	Sherbourne St., PH feeder	AMcL
Northern Flicker	Dec. 19-20	1	Colborne area	JF
Pileated Woodpecker	Nov. 27	2	Cty. Rd. 18 & 7th Line, Cold Springs	SW
Eastern Phoebe	Nov. 15	1	1010 Ontario St., Cob.	AEW
Northern Shrike	Nov. 6	1	Roseneath Landing	DS
	Nov. 20	2	Wesleyville Rd., PH Ward 2	BL
	Dec. 2	1imm	Lakeshore Rd., PH	MB
	Dec. 3	1	Woodvale School Rd., PH Ward 2	LS
	Dec. 12	1	Colborne area	KB
	Dec. 12-19	1	McEwen Rd. n. of Hwy. 2	MJ
	Dec. 13	1	Haskill Rd., PH Ward 2	GL
	Dec. 24, 31	1	Jamieson Rd. & 7th, PH Ward 2	LS
	Dec. 27	2	Colborne	CEG
Blue-headed Vireo	Oct. 4	2	Jamieson Rd. & 7th, PH Ward 2	LS
Red-eyed Vireo	Nov. 7	1	Port Hope	PB
Common Raven	Nov. 5	1	Castleton area	RH
	Dec. 4	2	Loyalist Rd., PH Ward 2	EK, RF
	Jan. 2	1	Colborne	MB
Horned Lark	Dec. 11	11	Sandercock Rd., Hamilton Twp.	DS
	Dec. 12	10	Deer Park Rd. & Hwy. 2, PH Ward 2	ERM
	Dec. 11-Jan. 2	30	Lakeshore & Dickinson Rd., PH Ward 2	MB
Tree Swallow	Nov. 11	1	Gage's Creek area, PH	EB
Swallow sp.	Nov. 7	3	Cobourg Harbour (probably 2 Tree, 1?)	CEG
Black-capped Chickadee	Nov. 22	20	Cobourg Harbour (my last migrants)	CEG
	Dec. 2	10	Durham St. feeder, PH	EK
Carolina Wren	Nov. 12-13	1	Lakeshore Rd., Cob.	LW
House Wren	Nov. 13	1	Garden Hill area	DW
Winter Wren	Nov. 13/19	1	Colborne area	JF, KB
Golden-crowned Kinglet	Nov. 27	3	Marsh Rd., PH Ward 2	ERM
Eastern Bluebird	Oct. 9	14	Jamieson Rd. & 7th, PH Ward 2	LS
	Nov. 3	10	Jamieson Rd. & 7th, PH Ward 2	LS
	Nov. 16	2	Marsh Rd. & Brand Rd., PH Ward 2	GL
	Nov. 19	5	Jamieson Rd. & 7th, PH Ward 2	LS
	Dec. 1	4	Lakeshore Rd. w. of Port Hope	MB
	Dec. 13	2	Lakeshore Rd. & Brand Rd., PH Ward 2	MP
	Dec. 17	5	Lakeshore Rd., PH Ward 2	MP, DP
	Dec. 22	5	GRCA office, Hwy. 28 n. of 401	BN
	Dec. 27	2	Danforth Rd.	CEG
American Robin	Dec. 13	2	Roseneath Landing	DS
	Dec. 19	100	McEwen Rd. n. of Hwy. 2	MJ
	Dec. 22	8	Wesleyville, PH Ward 2	MB
	Dec. 27	13	Danforth Rd.	CEG
American Pipit	Nov. 24	2	D'Arcy St., Cobourg (late date)	MB
	Nov. 24	2	on beach off Lake St. marsh, PH	GL
	Nov. 27	1	Port Hope west beach	RF, EK
Bohemian Waxwing	Dec. 4	2	Roseneath Landing	DS
	Dec. 9	20	Roseneath Landing	DS
	Dec. 10	100+	Roseneath Landing	MB
	Dec. 30	40	Burnham St., Cold Springs	SW

Cedar Waxwing	Nov. 22-29	120	Roseneath Landing	DS
	Dec. 6	6	Deblaquire St.N., PH	GMCD
Yellow-rumped Warbler	Nov. 2	1	Cobourg boatyard	MB
	Nov. 13	1	foot of D'Arcy St., Cob.	EK, RF, BW
	Nov. 18	2	Lake St. Trail, PH	GL
	Dec. 14	1	1 Queen St., Cob.	CEG
	Dec. 22, 23	1	King St.E., Cob.	BH
Yellow-throated Warbler	Dec. 1-15	1	Chub Point; 5th record for Northumberland	JB, EBr, MObs
Palm Warbler	Dec. 4	1	Cobourg Harbour; 2nd North. winter record	MB
American Tree Sparrow	Oct. 17	1	Jamieson Rd. & 7th, PH Ward 2	LS
	Nov. 11	10	Marsh Rd., PH Ward 2	ERM
	all Dec.	12	McEwen Rd. n. of Hwy. 2	MJ
Chipping Sparrow	Dec. 15, 30	1	Colborne area	JF
Vesper Sparrow	Dec. 7	1	Lakeshore s. of Wesleyville, PH Ward 2	PB
Fox Sparrow	Oct. 17	1	Jamieson Rd. & 7th, PH Ward 2	LS
	Nov. 16	1	Hill St., PH	GL
	Nov. 30	1	Deblaquire St.N., PH	GMCD
	Dec. 7-19	1	Wesleyville area feeder	PB
	Dec. 25	1	McEwen Rd. n. of Hwy. 2	MJ
	Dec. 28	1	Glenvalley Rd. & Loyalist Rd., PH Ward 2	RF, EK
Song Sparrow	Dec. 9	1	1010 Ontario St., Cob.	AEW
	Dec. 19-31	1	Welcome feeder	KMcH
White-throated Sparrow	Dec. 1-30	1	Wesleyville area feeder	PB
	Dec. 6	1	Deblaquire St.N., PH	GMCD
	Nov. 24-Dec. 3	2	Cobourg feeder	MB
	Nov. 23, 25-27	1	Durham St. feeder, PH	EK
	Dec. 6-Jan. 2	3-4	Cobourg feeder	MB
	Dec. 11-14/30	2/1	Durham St. feeder, PH	EK
	Dec. 24	1	Colborne area	JF
White-crowned Sparrow	Nov. 14	4	Westwood area, Cob.	BF
	Dec. 11	1	Durham St. feeder, PH	EK
	Dec. 13-31	1ad.	Cobourg feeder	MB
	Dec. 14	1	Chub Point	CEG
Dark-eyed Junco	Nov. 27	40	Kellogg Rd., PH Ward 2	ERM
	Dec. 1	25	Durham St. feeder, PH	EK
Lapland Longspur	Nov. 27	1	Kellogg Rd., PH Ward 2	RF, EK
	Jan. 2	**12**	Lakeshore & Dickinson Rd., PH Ward 2	MB
Snow Bunting	Nov. 2	12	Gage's Creek area, PH	EB
	Nov. 7	3	Cobourg Harbour	CEG
	Nov. 13	30	Garden Hill area	DW, MW
	Nov. 21	2	Young St., PH	EB
	Dec. 11	500	Sandercock Rd., Hamilton Twp.	DS
	Dec. 11	50+	north Cobourg	MB
	Dec. 24	100	Bewdley area	DSv
	Dec. 27	50	Colborne	CEG
	Jan. 2	25	Lakeshore & Dickinson Rd., PH Ward 2	MB
Northern Cardinal	Dec. 9	6	Sherbourne St., PH feeder	AMcL
Redwinged Blackbird	Dec. 22	1	GRCA office, Hwy. 28 n. of 401	BN
	Dec. 25	1	Wesleyville area feeder	PB
	Dec. 27	1	Lakeport	CEG
Eastern Meadowlark	Dec. 14-22	1	Baulch Rd., PH Ward 2	MH, GL, MB
Rusty Blackbird	Dec. 11	27	Kellogg Rd., PH Ward 2	ERM
	Dec. 27	1	Lakeport	CEG
Common Grackle	Dec. 1	1	Wesleyville, PH Ward 2	MB
	Dec. 6	1	Deblaquire St.N., PH	GMCD
Brown-headed Cowbird	Dec. 1	1m	Willow Beach marsh	MB
	Dec. 25	1	Wesleyville area feeder	PB

Sightings - cont'd.

Pine Grosbeak	Nov. 29	8	Roseneath Landing	DS
	Dec. 6	25	Cowling Rd., Haldimand Twp.	RF
	Dec. 11	2	Cty. Rd. 18, Cold Springs	SW
	Dec. 17	2	Wesleyville area	PB
	Dec. 19	7	Wicklow Beach	CEG
	Dec. 22	7	Wesleyville, PH Ward 2	MB
	Dec. 27	3	Colborne	CEG
	Jan. 1	4	Wesleyville	CEG
	Dec. 29, 30	20	Burnham St., Cold Springs	SW
Purple Finch	Nov. 17/24	1	Deblaquire St.N., PH	GMCD
House Finch	Dec. 21-22	6	McEwen Rd. n. of Hwy. 2, Hamilton Twp.	MJ
Common Redpoll	Nov. 22	1	Candlewick Woods, PH Ward 2	RF
	Nov. 26-27	1	Colborne area	JF, KB
	Dec. 6	1	Deblaquire St.N., PH	GMCD
	Dec. 10	1	Roseneath Landing	DS
	Dec. 10	3	Jamieson Rd. & 7th, PH Ward 2	LS
	Dec. 30	9	Deblaquire St.N., PH	GMCD
	Dec. 30/31	2/4	Durham St. feeder, PH	EK
Hoary Redpoll	Dec. 30	1	Deblaquire St.N., PH	GMCD
Pine Siskin	Nov. 18	1	1010 Ontario St., Cob.	AEW
	Dec. 1	1	Roseneath Landing	DS
	Dec. 3	1	Durham St. feeder, PH	EK
	Dec. 10	3	Deblaquire St.N., PH	GMCD
	Dec. 24/27	12	McEwen Rd. n. of Hwy. 2, Hamilton Twp.	MJ
	Dec. 30, 31	2	Durham St. feeder, PH	EK
American Goldfinch	Dec. 2/3	50/40	Durham St. feeder, PH	EK
Evening Grosbeak	Nov. 20	4	Turk Rd. & Dejong Rd., Hamilton Twp.	KD
	Nov. 13/28	7/3	Roseneath Landing	DS
	Dec. 11	20	Northumberland Forest, e. of MacDonald Rd.	SW
MAMMALS				
Red Fox	Dec. 4	1	TCS grounds, PH	GMCD
	Dec. 15-31	1	playing field behind CDCI East	BL
	Dec. 31, Jan. 1	1	Jamieson Rd. & 7th, PH Ward 2	LS
Coyote	Dec. 25	1	Town Park Rec. Centre, PH	CP
Eastern Chipmunk	Nov. 22	1	Garden Hill area	DW
HERPETILES				
Garter Snake	Oct. 30	1	Jamieson Rd. & 7th, PH Ward 2	LS
INSECTS				
Bumblebee	Nov. 3	1	Garden Hill area	DW
Common Suphur	Nov. 4 & 7	1	Knoxville area, PH Ward 2	GL
Cabbage White	Nov. 7	1	Garden Hill area	DW
	Nov. 8	1	Lucas Point	AEW
Alfalfa butterfly	Nov. 7	1	Garden Hill area	DW
Mourning Cloak	Nov. 3	1	Jamieson Rd. & 7th, PH Ward 2	LS
BOTANY				
Forsythia in bloom	Nov. 3		Young St., PH	EB
Dandelions in bloom	Nov. 20		near A&) store, PH	BC

Observers: *KA=Kurt Appleman; MB=Margaret Bain; EB=Eric Bahr; KB=Kim Braat; PB=Paul Bridges; JB=Jan Bruton; EB=Ernie Bruton; BC=Bill Crowley; GMCD=Geoff Dale; KD=Karen Drew; BF=Brad Foster; JF=Jo Foster; RF=Roger Frost; CEG=Clive Goodwin; JG=Judith Goulin; BH=Betty Hewson; JH=Jo Hardy; MH=Matt Hayward; KH=Kyle Horner; RHa=Roger Hardy; RHo=Randy Horvath; RH=Reese Hunt; MJ=Mike Johnston; EK=Elizabeth Kellogg; PL=Pam Lancaster; GL=Gary Little; BL=Bill Logan; KM=Kathy Maclean; ERM=Ted McDonald; JMcG= John McGuirk; KMcH=Kathryn McHolm; AMcL=Andy McLauchlan; MObs=Many Observers; BN=Bill Newell; DP=Diana Pacey; MP=Malcolm Pacey; CP=Carole Payne; LS=Louise Schmidt; DS=Dave Shirley; DSv=Daphne Svenningson; NW=Norma Wallace; DW=Doug Watkins; MW=Marie Watkins; LW=Lori Wensley; SW=Susanne Williams; AEW=Audrey Wilson*

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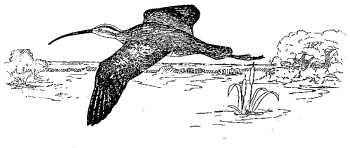

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