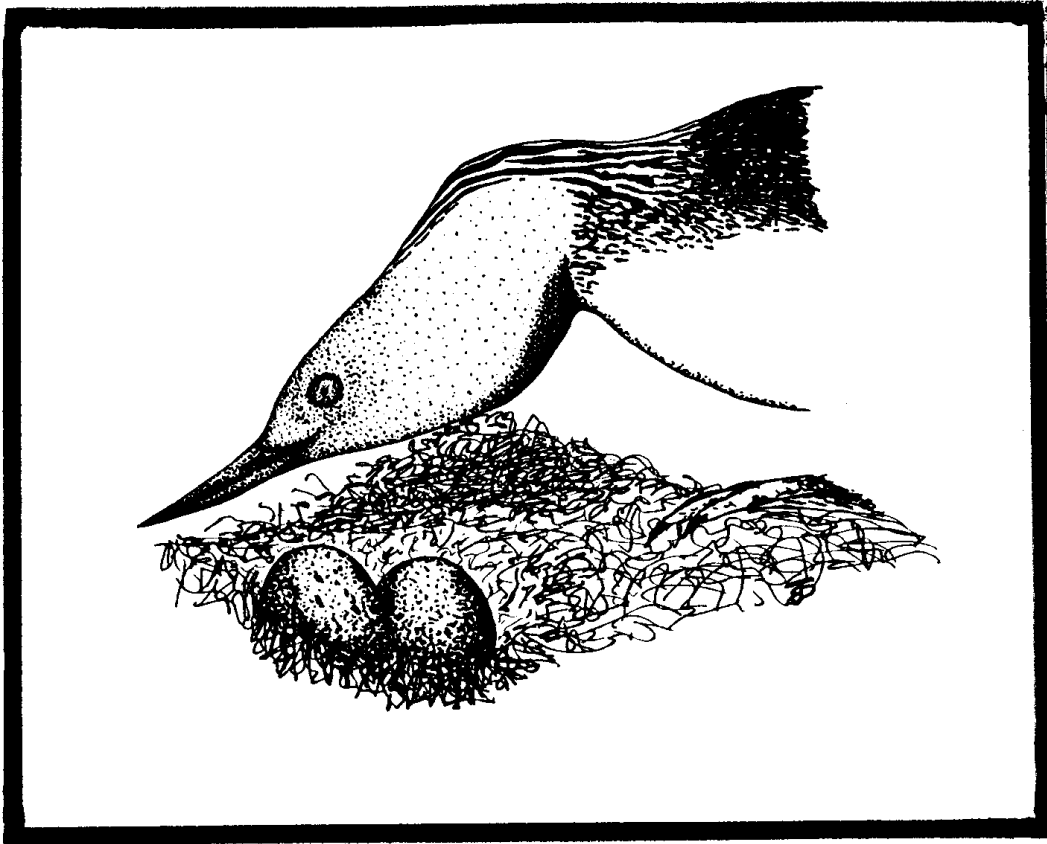


# ONRS 32

## ONTARIO NEST RECORDS SCHEME



THIRTY-SECOND REPORT (1956 - 2000)

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George K. Peck

Spring 2001

## ONTARIO NEST RECORDS SCHEME

### THIRTY-SECOND REPORT (1956 - 2000)

The Ontario Nest Records Scheme (ONRS) at the close of 2000 has been operative for 45 nesting seasons. The program is based in Ornithology, Centre for Biodiversity and Conservation Biology (CBCB), Royal Ontario Museum (ROM), in Toronto, Ontario, where the nest record cards are kept on file, and where storage and computer entry are continuing. The ONRS is, essentially, a collection of record cards, each detailing one or more visits to an occupied bird's nest, a nest under active construction, or to an active nesting colony, in Ontario. The majority of the nest records are submitted annually by field volunteers who find nests and record the significant data on the cards.

#### ONRS ENTERS THE COMPUTER AGE

Our newly designed computer scannable nest card has been printed and is ready for use this spring (2001), both by our regular contributors, and also by those taking part in the Ontario Breeding Bird Atlas program (2001 - 2005), many of whom we hope will become regular contributors to the ONRS! In a cooperative partnership between the ONRS and ROM, the Canadian Wildlife Service (CWS), and Bird Studies Canada (BSC), the new nest card has been designed to realize greater ease of computer entry. This card design was made in cooperation with four other Canadian nest record schemes, and with minor habitat variations, will be similar for each of these provincial schemes. In addition, an instruction manual, the *Ontario Nest Record Scheme Handbook*, together with a field card, the Ontario Nest Records Scheme Coding System, have been written and printed, and will be available with the new cards. The Handbook will provide an overview of the ONRS, its purpose and aims, and will also explain nest-finding activities, conduct codes, Habitat, Regional, and Status codes, and give details on how to fill out the new nest cards. The Coding System Card is meant to be taken into the field when nest hunting and will provide a list of Species' codes and other codes as a quick reference and 'memory jogger'.

We realize that use of the new card, with its blank circles and code boxes, will require a period of adjustment for our regular contributors. Please accept the challenge presented by our new card in the same way that you regard the finding of a new bird's nest, because the rewards are commensurate. We urge you not to get discouraged initially because familiarity and practice will soon overcome the beginning differences. The tremendous advantage provided by these new cards in ease of computer entry and the subsequent ability to process and disseminate this huge information source far outweigh any initial problems. Our ultimate aim is the conservation and preservation of the biodiversity of Ontario's breeding birds and these technological advances will better enable us to accomplish this goal. It should be pointed out that older versions of the nest cards may still be used and submitted, until their supplies are gone.

Although not quite yet a reality, computer entry of nest records is planned, but Coding Cards and the Handbook can presently be downloaded from the web-site <[www.birdsontario.org](http://www.birdsontario.org)>.

Cover: Red-throated Loon at nest - Ross D. James

The ONRS is continuing its efforts to have all available historical nest records transferred to nest cards, and thus into the database. To that end, in the present report, you will note the inclusion of 1046 nest cards from the CWS colonial waterbird census files, a further 222 nest cards from the ROM Field Logs of the late O.E. Devitt, and 106 nest cards of Loggerhead Shrike from the notes of C. Grooms.

Some large, year-2000 contributions included 207 nest cards from B. Clements, 164 nest cards from T. Cosburn, and 192 nest cards from K. Elliot and D. Burke.

With the inclusion of the cards processed for this report, the ONRS's card total is 118,395. The addition of all colonial nests gives a conservative nest-total estimate of 2,087,028 nests in the ONRS database. We are continuing to keep running nest totals of the 15 nonpasserine colonial breeding species in Ontario. As one might expect, the Ring-billed Gull heads the list with 1,527,488 nests! Our huge and continually growing database is the most complete and valuable source of provincial bird breeding biology extant, and we hope that our regular contributors and all atlasers will continue to contribute their nest finds to it.

The current (2000) Ontario breeding bird list total, including hypothetical and undocumented nesting and breeding species, remains at 294, of which 283 are represented on nest cards in the ONRS files. Included in the total of 294 are eight (8) species arbitrarily designated as hypothetical (without documented evidence of nesting or breeding), and another eight (8) actual breeding species whose nests have not yet been found, but whose breeding has been documented by specimen collection and/or the photography of flightless or recently-fledged young. The eight hypothetical breeders are Yellow-crowned Night-Heron, Brant, Swainson's Hawk, Kirtland's Warbler, Connecticut Warbler, Snow Bunting, Pine Grosbeak, and Hoary Redpoll. The eight actual breeding species still awaiting nest discovery and documentation are Ross's Goose, Surf Scoter, Bufflehead, American Avocet, Pectoral Sandpiper, Stilt Sandpiper, Northern Shrike, and Bohemian Waxwing. We have undocumented reports of the nesting of four of the above-named 16 species, and these are Bufflehead, Swainson's Hawk, Connecticut Warbler, and Pine Grosbeak. Nest cards of these latter four species are in the ONRS files but are bracketed [ ] in the list in Table 1. The Trumpeter Swan is currently being reintroduced into Ontario but is not yet included in the breeding list total and its 50 nest cards are also bracketed in Table 1.

There were 51 new species' nesting regions, submitted for this report, as well as nests of 169 species. Included in the 51 new regions were Grenville with seven new nesting species, Halton with five, and Haldimand-Norfolk with five. For the present report no cards were received from Dundas, Huron, Perth, Prescott, Rainy River, Russell, and Stormont. As usual, four of these seven regions (Dundas, Prescott, Russell, Stormont) are in southeastern Ontario, where we badly need more coverage. These four regions have each recorded fewer than 60 nesting species (see Table 2). It is our hope that during the next five Atlas years, these regions will see their nesting totals increased. The same hope pertains to Huron and Perth from where no records have been submitted in the last four years!

### **NEW NAMES FOR PROVINCIAL REGIONS**

For political reasons our long-standing regional names continue to be changed, and the most recent changes are: Haldimand-Norfolk becomes the new regions of Haldimand and Norfolk; Hamilton-Wentworth becomes the region of Hamilton; Kent becomes the county of Chatham-Kent; Ottawa-Carleton becomes the region of Ottawa; and Victoria becomes the county of Kawartha Lakes. These changes are reflected in Table 2, in which the historical names have been separated from the current names. We will endeavour to keep the card and species totals in both groups of regions.

The names of the combined counties of Leeds/Grenville, Prescott/Russell, and Stormont/Dundas/Glengarry will continue to be listed separately.

Henceforth, submissions of historical (pre-2001) nest records on the new scannable cards should use region codes (see ONRS HANDBOOK) and the region names in the Historical section of the Table 2 list. All new nest records should use codes and names from the Current section of the Table 2 list.

## WEBSITES

We wish to draw your attention to two websites which feature interesting information on provincial breeding birds and will allow the downloading of material for contributors to the ONRS.

1. Bird Studies Canada: <http://www.birdsontario.org>. This website will provide Atlas information and in addition, will soon allow ONRS contributors to download copies of the ONRS HANDBOOK and the ONRS CODING CARD.
2. Canadian Wildlife Service: <http://www.wildspace.ec.gc.ca>. This is a large and comprehensive website which has links to other wildlife websites, and which emphasizes information on Canadian breeding birds (especially Ontario species). The site features bird photographs, and photographs of the breeding habitat, nest, eggs, and young of most species, together with text of their breeding biology. This information will be very useful to ONRS contributors and Atlas volunteers for comparison and nest identification.

### **Breeding Birds of Ontario.      BOOK SALE - 1/2 PRICE**

We continue to offer the following sale price for our two volumes, with the proceeds going to the support of the ONRS:

*Breeding Birds of Ontario: Nidiology and Distribution, Volume 1: Nonpasserines*

*Breeding Birds of Ontario: Nidiology and Distribution, Volume 2: Passerines*

	\$40.00 per set
	3.50 p&h
	<u>2.80</u> GST
Total -----	\$46.30

To order a set, contact and mail cheque to:

ONRS/CBCB,  
Royal Ontario Museum,  
100 Queen's Park,  
Toronto, ON M5S 2C6  
Telephone: (416) 586-5523

E-mail: George K. Peck - <peckonrs@bmts.com> or Mark K. Peck - <markp@rom.on.ca>

Six-part revisions to both volumes and an Appendix to Volume 1 were published in the journal *Ontario Birds*, and have updated these volumes to 1999. These update papers are available from the Ontario Field Ornithologists, Box 455, Station R, Toronto, ON M4G 4E1

Completed nest cards, requests for blank cards, coding cards, handbooks, annual reports, and regional nesting lists should be sent to the above address. Please notify us of mailing address changes so that we can continue to mail out annual reports to all active contributors.

## USE OF ONRS DATABASE

The ONRS database has become a recognized source of breeding biology and distributional information on the province's breeding birds and is consulted and cited by many organizations and authors. Currently our files and publications have been used by: Atlas of the Breeding Birds of Ontario; Bird Life International and Lynx Edicions of Barcelona, Spain, publishers of *Handbook of the Birds of the World*; Bird Studies Canada; Canadian Wildlife Service; authors of species accounts in *The Birds of North America*, Philadelphia, PA; and by authors/editors of forthcoming regional/provincial bird books: *Birds of Elgin County* and *Birds of Simcoe County*.

## CURRENT HIGHLIGHTS

Trumpeter Swan - eight nest records were submitted in 2000; three incubation periods were noted.

Canvasback - three nests were found in Toronto in 2000, and were the first documented nest records of this species in Ontario.

Bald Eagle - in 2000, 20 active nests were reported from southern Ontario.

Peregrine Falcon - optimistic signs of the success of the provincial reintroduction of this species was evidenced by the report of 31 nests from 10 provincial regions in 2000. The Bruce County site was the 2nd documentation of a post-recovery cliff-nesting site in southern Ontario, where most of our historically-documented range was located.

Wild Turkey - in 2000, nest reports from Niagara and Wellington indicated the continuing spread of the species in southern Ontario.

Great Black-backed Gull - a nest in 2000 on Nottawasaga Island, Georgian Bay was a first nesting for Simcoe County.

Acadian Flycatcher - 15 nests of this Carolinian species were found in 2000 in four southern counties.

Great Crested Flycatcher - a 2000 Grenville nest was in a drainage pipe.

Loggerhead Shrike - two nests of this declining species were reported in 2000 from each of Bruce County and Manitoulin District.

Common Raven - nests in Frontenac and Northumberland in 2000 indicate the continuing southern expansion of the species' breeding range in Ontario.

Tree Swallow - two nests in Haldimand-Norfolk in 2000 were parasitized by Brown-headed Cowbird, and were only the 2nd and 3rd times that parasitism has been recorded.

Eastern Bluebird - of 104 nests in 2000 in Brant and Haldimand-Norfolk, 33 pairs had 2nd broods (48.5%); one of the nests was parasitized by Brown-headed Cowbird, and was the 5th instance of parasitism for this species in Ontario.

Mountain Bluebird - in 2000, in Northumberland the 2nd nesting of this species occurred (again paired with an Eastern Bluebird).

American Robin - the earliest provincial egg date (1st April) was reported from Haldimand-Norfolk in 2000.

European Starling - a mink took the young from a 2000 Durham RM nest!

Northern Parula - only the 6th provincial nest of this warbler was found in Nipissing in 2000.

Hooded Warbler - of 33 Haldimand-Norfolk nests in 2000, 11 were parasitized (33%).

Dickcissel - two nests from Kent County in 2000, were the first reported since the 1988 'invasion'.

Brown-headed Cowbird - in five southern counties in 2000, 23 nests of Veery and Wood Thrush had a low 17.4% rate of cowbird parasitism; this lowered percentage parasitism has been reported for several host species in recent years.

White-winged Crossbill - the 10th and 11th nests of this erratic fringillid were reported from Haliburton and Nipissing in 2000.

**NEW NESTINGS FOR ONTARIO REGIONS**

Common Loon - Grenville (2000).  
 Pied-billed Grebe - Halton (2000).  
 Double-crested Cormorant - Muskoka (2000).  
 Least Bittern - Halton (2000).  
 Green Heron - Muskoka (1973), Parry Sound (1972).  
 Turkey Vulture - Waterloo (1984).  
 Canada Goose - Leeds (1996), Parry Sound (2000).  
 Mute Swan - Wellington (2000).  
 Wood Duck - Toronto (2000).  
 Canvasback - Toronto (2000).  
 Hooded Merganser - Manitoulin (2000).  
 Osprey - Prince Edward (2000).  
 Northern Goshawk - Niagara (2000).  
 American Kestrel - Lanark (2000).  
 Peregrine Falcon - Peel (2000), Sudbury (2000).  
 Ruffed Grouse - Grenville (2000).  
 Wild Turkey - Niagara (2000), Wellington (2000), York RM (1989).  
 Virginia Rail - Halton (2000).  
 Sora - Halton (2000).  
 Upland Sandpiper - Victoria (2000).  
 Great Black-backed Gull - Simcoe (2000).  
 Black Tern - Grenville (2000), Grey (1993).  
 Rock Dove - Nipissing (2000).  
 Whip-poor-will - Grenville (1989).  
 Chimney Swift - Kent (2000).  
 Ruby-throated Hummingbird - Wellington (2000).  
 Yellow-bellied Sapsucker - Elgin (2000).  
 Downy Woodpecker - Dufferin (2000), Elgin (2000).  
 Hairy Woodpecker - Grenville (2000).  
 Willow Flycatcher - Toronto (2000).  
 Great Crested Flycatcher - Grenville (2000).  
 Common Raven - Frontenac (2000), Northumberland (no card yet) (2000).  
 Red-breasted Nuthatch - Peterborough (1955).  
 White-breasted Nuthatch - Dufferin (2000), Haldimand-Norfolk (2000), Pr. Edward (2000).  
 Carolina Wren - Prince Edward (2000).  
 Marsh Wren - Halton (2000).  
 Eastern Bluebird - Grenville (1994).  
 Mountain Bluebird - Northumberland (2000).  
 Hermit Thrush - Victoria (2000).  
 Northern Mockingbird - Brant (2000), Hastings (1996).  
 Golden-winged Warbler - Peterborough (1954).  
 Nashville Warbler - Cochrane (2000).  
 Yellow-rumped Warbler - Haldimand-Norfolk (2000).  
 Black-and-white Warbler - Haldimand-Norfolk (2000).  
 Mourning Warbler - Manitoulin (1998).  
 Common Yellowthroat - Hamilton-Wentworth (2000).

New Nestings for Ontario Regions (cont'd)

Scarlet Tanager - Peel (1951).  
 Lincoln's Sparrow - Nipissing (2000).  
 Dark-eyed Junco - Haldimand-Norfolk (2000).  
 Bobolink - Haldimand-Norfolk (2000).  
 Orchard Oriole - Northumberland (2000), Simcoe (1998).  
 White-winged Crossbill - Haliburton (2000).

**ACKNOWLEDGEMENTS**

The increasing support of our contributors confirms the environmental importance of our data-storing program, and we are grateful to them. The beginning of the second Ontario Atlas gives us hope that we will gain new contributors during its 5-year span. We urge all our contributors to continue to support the ONRS, during, and especially after the Atlas, because ours is a continuing program that is 'in it for the long haul', in the cause of conservation and biodiversity of our breeding birds.

We are indebted to the staff in the Ornithology division of the Centre for Biodiversity and Conservation Biology (CBCB) at the ROM, and particularly to Mark Peck, CBCB Technician, for his valued input and constant assistance with ONRS matters. Brad Millen, CBCB Technician assisted in data entry. Our long-time regular volunteer, Kim Bond, and a new volunteer, Tom Osborn, have both devoted a great deal of time to nest card transfers, mailings, and other tasks, for which we are grateful. Ross James, Departmental Associate, continues to assist the ONRS in many areas, and his advice is valued.

For this report we have received current and valuable information on the nesting of endangered and other high-profile species, from a number of individuals and organizations; these include Bird Studies Canada (Bald Eagle, Hooded Warbler), T. Armstrong/B. Ratcliff for OMNR and Canadian Peregrine Foundation (Peregrine Falcon), C. Grooms (Loggerhead Shrike), H. Lumsden/M. Hudolin (Trumpeter Swan, Black Tern), D. Martin (Acadian Flycatcher), and D. Wills (Prothonotary Warbler).

For help in the development of the new nest card, Coding Card, and ONRS Handbook we extend our thanks to Charles Francis of Bird Studies Canada, and Mark Peck of CBCB/ROM. Biota of Canada Information Network (Birds of Canada module) supplied funds to Dr. Judith Eger of CBCB/ROM and to Charles Francis (BSC) for the services of Wayne King for computer entry of historical nest records, and we are grateful for this assistance. We also wish to thank Michael Cadman (Canadian Wildlife Service - Guelph) for funding for the printing of the new nest cards.

The Canadian Wildlife Service (Rick Pratt, Ontario Division) continues to provide vital annual financial support to the ONRS, which enables our volunteer program to continue and flourish, and for which we are very appreciative.

George K. Peck  
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 ONRS/Ornithology - CBCB  
 Royal Ontario Museum, Toronto, ON

Spring 2001

**Table 1: Card Totals per Species**

SPECIES	Pre-1999	1999	2000
Red-throated Loon	6		
Pacific Loon	21		
Common Loon	536	4	3
Pied-billed Grebe	508	3	1
Horned Grebe	12		
Red-necked Grebe	98(100)	2	7
Eared Grebe	3		
American White Pelican	50		
Double-crested Cormorant	571	4	7
American Bittern	273	3	1
Least Bittern	360	3	1
Great Blue Heron	739	13	15
Great Egret	46	3	2
Snowy Egret	1		
Cattle Egret	32		
Green Heron	243	1	1
Black-crowned Night-Heron	425	2	3
[Yellow-crowned Night-Heron]	-		
Turkey Vulture	99	4	2
Snow Goose	17		
Ross's Goose	-		
Canada Goose	1154	69	55
[Brant]	-		
Mute Swan	289	1	2
[Trumpeter Swan]	[32]	[10]	8
Tundra Swan	8		
Wood Duck	181	3	11
Gadwall	201		

**Table 1: Card Totals per Species**

SPECIES	Pre-1999	1999	2000
American Wigeon	25		
American Black Duck	383	1	
Mallard	1497	13	6
Blue-winged Teal	373	1	1
Cinnamon Teal	1		
Northern Shoveler	16		
Northern Pintail	62		
Green-winged Teal	31		
Canvasback	[1](2)		3
Redhead	22		
Ring-necked Duck	36		
Greater Scaup	5		
Lesser Scaup	10		
King Eider	1		
Common Eider	9		1
Surf Scoter	-		
White-winged Scoter	1		
Long-tailed Duck	5(7)		
Bufflehead	[2]		
Common Goldeneye	126	1	
Hooded Merganser	144	1	1
Common Merganser	131	1	
Red-breasted Merganser	38		
Ruddy Duck	19		
Osprey	1000	13	20
Bald Eagle	686(1066)	39	24
Northern Harrier	282	2	1
Sharp-shinned Hawk	91	3	1

**Table 1: Card Totals per Species**

SPECIES	Pre-1999	1999	2000
Cooper's Hawk	150	8	2
Northern Goshawk	183	1	1
Red-shouldered Hawk	442	2	3
Broad-winged Hawk	219	2	1
[Swainson's Hawk]	[1]		
Red-tailed Hawk	1151	36	37
Rough-legged Hawk	6		
Golden Eagle	24		
American Kestrel	380	3	7
Merlin	105	3	6
Peregrine Falcon	101	7	31
Gray Partridge	18		
Ring-necked Pheasant	155		
Ruffed Grouse	385	8	2
Spruce Grouse	33	1	
Willow Ptarmigan	30		
Sharp-tailed Grouse	2		
Greater Prairie-Chicken	2		
Wild Turkey	21	1	2
Northern Bobwhite	15		
Yellow Rail	4		
King Rail	14		
Virginia Rail	229	1	1
Sora	264	2	3
Common Moorhen	527	3	
American Coot	464		1
Sandhill Crane	28		
American Golden-Plover	6		

**Table 1: Card Totals per Species**

SPECIES	Pre-1999	1999	2000
Semipalmated Plover	52		
Piping Plover	129		
Killdeer	1517	20	11
American Avocet	-		
Greater Yellowlegs	2		
Lesser Yellowlegs	4		
Solitary Sandpiper	2		
Spotted Sandpiper	816	5	5
Upland Sandpiper	68		1
Whimbrel	10		
Hudsonian Godwit	1		
Marbled Godwit	1		
Semipalmated Sandpiper	16		
Least Sandpiper	10		
Pectoral Sandpiper	-		
Dunlin	11		
Stilt Sandpiper	-		
Short-billed Dowitcher	1		
Common Snipe	95		1
American Woodcock	313	3	1
Wilson's Phalarope	59		
Red-necked Phalarope	7		
Parasitic Jaeger	4		
Little Gull	24		
Bonaparte's Gull	13		
Ring-billed Gull	587	5	4
California Gull	2		
Herring Gull	1665	10	5

**Table 1: Card Totals per Species**

SPECIES	Pre-1999	1999	2000
Great Black-backed Gull	37	3	2
Caspian Tern	147		2
Common Tern	773	1	3
Arctic Tern	20		
Forster's Tern	52		
Black Tern	1085	2	52
Black Guillemot	1		
Rock Dove	244	9	10
Mourning Dove	2195	9	23
<i>Passenger Pigeon</i>	4		
Black-billed Cuckoo	479	2	2
Yellow-billed Cuckoo	123		
Barn Owl	41		
Eastern Screech-Owl	115	2	3
Great Horned Owl	735	18	21
Northern Hawk Owl	8		
Barred Owl	27	3	1
Great Gray Owl	12		
Long-eared Owl	132	1	
Short-eared Owl	29		
Boreal Owl	3		
Northern Saw-whet Owl	26		
Common Nighthawk	308		2
Chuck-will's-widow	1		
Whip-poor-will	87		2
Chimney Swift	150	1	2
Ruby-throated Hummingbird	210	3	3
Belted Kingfisher	436	5	3

**Table 1: Card Totals per Species**

SPECIES	Pre-1999	1999	2000
Red-headed Woodpecker	278	5	8
Red-bellied Woodpecker	33		8
Yellow-bellied Sapsucker	585	5	4
Downy Woodpecker	383	6	7
Hairy Woodpecker	389	9	24
Three-toed Woodpecker	28		
Black-backed Woodpecker	130	2	2
Northern Flicker	1179	11	17
Pileated Woodpecker	178	1	5
Olive-sided Flycatcher	24	1	2
Eastern Wood-Pewee	309		5
Yellow-bellied Flycatcher	20		
Acadian Flycatcher	59(62)	9	17
'Traill's Flycatcher complex'	172		
Alder Flycatcher	63	1	
Willow Flycatcher	112	2	6
Least Flycatcher	320	1	
Eastern Phoebe	2058(2100)	18	21
Great Crested Flycatcher	436	5	6
Western Kingbird	3		
Eastern Kingbird	1866(1871)	15	11
Loggerhead Shrike	447(448)	51	39
Northern Shrike	-		
White-eyed Vireo	12		
Yellow-throated Vireo	99(100)		
Blue-headed Vireo	82	1	
Warbling Vireo	190(191)		2
Philadelphia Vireo	41		

**Table 1: Card Totals per Species**

SPECIES	Pre-1999	1999	2000
Red-eyed Vireo	685	3	10
Gray Jay	84		
Blue Jay	501	7	6
Black-billed Magpie	12	1	
American Crow	920	6	11
Common Raven	281(282)	13	12
Horned Lark	190(192)	1	
Purple Martin	892	2	5
Tree Swallow	6385	51(53)	80
Northern Rough-winged Swallow	475	3(4)	1
Bank Swallow	1546	2	5
Cliff Swallow	1005	3	15
Barn Swallow	4176	11	12
Black-capped Chickadee	702(709)	22	14
Boreal Chickadee	71	2	
Tufted Titmouse	15		
Red-breasted Nuthatch	118(119)	3	
White-breasted Nuthatch	127	3	8
Brown Creeper	114		2
Carolina Wren	41(42)	1	3
Bewick's Wren	5		
House Wren	1910(1985)	28	26
Winter Wren	41	1	1
Sedge Wren	60(69)		1
Marsh Wren	515(554)	9	5
Golden-crowned Kinglet	18	1	
Ruby-crowned Kinglet	29(35)		
Blue-gray Gnatcatcher	168(172)	3	2

**Table 1: Card Totals per Species**

SPECIES	Pre-1999	1999	2000
Eastern Bluebird	6365 (6659)	74(75)	84
Mountain Bluebird	1		1
Veery	513	3	5
Gray-cheeked Thrush	2		
Swainson's Thrush	204(205)		2
Hermit Thrush	215	1	2
Wood Thrush	578	12(13)	26
American Robin	7548(7595)	54	82
Gray Catbird	1551(1555)	13	10
Northern Mockingbird	109(115)	7	8
Brown Thrasher	905(910)	3	
European Starling	3066(3168)	14	24
American Pipit	5		
Bohemian Waxwing	-		
Cedar Waxwing	1209(1214)	6	4
Blue-winged Warbler	18		
Golden-winged Warbler	36		
'Brewster's Warbler' (hybrid)	2		
Tennessee Warbler	30		
Orange-crowned Warbler	1		
Nashville Warbler	106	1	1
Northern Parula	5		1
Yellow Warbler	2054	10	8
Chestnut-sided Warbler	296	4	1
Magnolia Warbler	145(146)		1
Cape May Warbler	5		
Black-throated Blue Warbler	48	4	1
Yellow-rumped Warbler	227		3

**Table 1: Card Totals per Species**

SPECIES	Pre-1999	1999	2000
Black-throated Green Warbler	67		
Blackburnian Warbler	39		
Pine Warbler	17(26)	1	
[Kirtland's Warbler]	-		
Prairie Warbler	48		1
Palm Warbler	21		
Bay-breasted Warbler	19		
Blackpoll Warbler	5		
Cerulean Warbler	85		1
Black-and-white Warbler	72	1	1
American Redstart	536(537)	1	2
Prothonotary Warbler	132(153)	7	5
Ovenbird	433	6	7
Northern Waterthrush	118(123)		
Louisiana Waterthrush	16		
[Connecticut Warbler]	[1]		
Mourning Warbler	42		2
Common Yellowthroat	215	1	5
Hooded Warbler	122(123)	25	37
Wilson's Warbler	15		
Canada Warbler	32		
Yellow-breasted Chat	20	1	
Scarlet Tanager	93		2
Eastern Towhee	167		2
American Tree Sparrow	13		
Chipping Sparrow	1934(1937)	8	6
Clay-colored Sparrow	44	1	
Field Sparrow	419	2	1

**Table 1: Card Totals per Species**

SPECIES	Pre-1999	1999	2000
Vesper Sparrow	534(535)	2	1
Lark Sparrow	9		
Savannah Sparrow	662(664)	7	2
Grasshopper Sparrow	86	1	
Henslow's Sparrow	13		
Le Conte's Sparrow	9		
Nelson's Sharp-tailed Sparrow	3		
Fox Sparrow	5		
Song Sparrow	2185(2189)	4	10
Lincoln's Sparrow	29		1
Swamp Sparrow	286	2	3
White-throated Sparrow	533(535)	3	3
Harris's Sparrow	1		
White-crowned Sparrow	22		
Dark-eyed Junco	189	1	2
Lapland Longspur	14		
Smith's Longspur	16		
[Snow Bunting]	-		
Northern Cardinal	453(455)	6	15
Rose-breasted Grosbeak	593	2	27
Indigo Bunting	223	2	5
Dickcissel	30(33)		2
Bobolink	159(160)		3
Red-winged Blackbird	7923	12	59
Eastern Meadowlark	435	2	3
Western Meadowlark	9		
Yellow-headed Blackbird	42		
Rusty Blackbird	41	1	

**Table 1: Card Totals per Species**

SPECIES	Pre-1999	1999	2000
Brewer's Blackbird	253	2	2
Common Grackle	2858	11	13
Brown-headed Cowbird	3616	6	38
Orchard Oriole	82	2	3
Baltimore Oriole	896(899)	11	17
[Pine Grosbeak]	[1]		
Purple Finch	135		
House Finch	305(309)	8	7
Red Crossbill	8	1	
White-winged Crossbill	7(9)		2
Common Redpoll	20		
[Hoary Redpoll]	-		
Pine Siskin	42(45)	1	1
American Goldfinch	1487	11	9
Evening Grosbeak	12		
House Sparrow	1558(1588)	5	13

Note: Brackets [ ] around a name indicate a hypothetical breeding species; brackets around a corresponding card number indicate a nesting(s) lacking documentation. Where a number is followed by a number in parentheses ( ), used only for non-colonial species, the card number is on the left and the nest number is in parentheses, indicating that more than one nest was described on some of the cards (eg. Bald Eagle, House Sparrow).

### COUNTY, DISTRICT, AND REGION NAMES

Some of the names of the major provincial regions are periodically, and unfortunately, being changed. A number of name changes occurred in 1975, and more have occurred in the last two years. Because these new names affect both nest locations and the regional codes for the new nest card, we are providing both a current and a historical regional list in the following **Table 2**. In the **Current** list (effective as of 1 January 2001), the combined counties\*\* of Leeds/Grenville, Prescott/Russell, and Stormont/Dundas/Glengarry will continue to be considered separately for ease of coding and nest location. The region of Greater Sudbury should still be indicated under the district of Sudbury. Note that Chatham-Kent has replaced Kent, Haldimand and Norfolk have been separated, Hamilton has replaced Hamilton-Wentworth, Kawartha Lakes has replaced Victoria, and Ottawa has replaced Ottawa-Carleton. See the ONRS Coding Card for the codes for both the current and historical region names.

Submissions of **Historical** (pre-2001) nest records should use those regional names and codes which differ from those in the **Current** list (eg. Ontario County [ONTX] for a pre-1975 Durham nest, and Hamilton-Wentworth [HAWX] for a pre-2001 Hamilton nest). All historical codes end in X.

**Table 2A: Current Regions - Totals of Cards and Species to 2000**

REGION	Card	Spp.	REGION	Card	Spp
Algoma	994	110	Middlesex	2433	138
Brant	636	80	Muskoka	1116	109
Bruce	2823	153	Niagara	1519	103
Chatham-Kent (post-2000)			Nipissing	3611	147
Cochrane	1256	129	Norfolk (post-2000)		
Dufferin	3318	102	Northumberland	3758	122
Dundas**	84	25	Ottawa (post-2000)		
Durham	2863	124	Oxford	1474	104
Elgin	1122	130	Parry Sound	2510	136
Essex	2392	117	Peel	1029	73
Frontenac	1647	147	Perth	313	76
Glengarry**	314	62	Peterborough	2411	126
Grenville**	146	37	Prescott**	151	59
Grey	4208	129	Prince Edward	1335	104
Haldimand (post-2000)			Rainy River	1144	120
Haliburton	1164	105	Renfrew	486	88
Halton	1380	105	Russell**	69	36
Hamilton (post-2000)			Simcoe	7697	167
Hastings	578	94	Stormont**	111	34
Huron	1175	73	Sudbury	1972	134
Kawartha Lakes (post-2000)			Thunder Bay	1845	150
Kenora	2101	158	Timiskaming	1056	103
Lambton	1360	123	Toronto	1610	78
Lanark	1238	79	Waterloo	784	76
Leeds**	1448	123	Wellington	3166	126
Lennox & Addington	688	105	York	3070	103
Manitoulin	1251	137	NWT/Nunavut/Misc.	73	22

\*\* combined counties

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**Table 2B: Historical Regions - Totals of Cards and Species to 1974 and to 2000.**

REGION	Card	Spp.	REGION	Card	Spp.
Carleton (pre-1975)	896	105	Norfolk (pre-1975)	2075	96
Durham (pre-1975)	2189	114	Ontario (pre-1975)	4300	126
Haldimand (pre-1975)	150	47	Ottawa-Carleton (pre-2001)	1307	110
Haldimand-Norfolk (pre-2001)	4038	149	Peel (pre-1975)	1464	105
Halton (pre-1975)	2311	110	Victoria (pre-2001)	1791	125
Hamilton-Wentworth (pre-2001)	1735	102	Waterloo (pre-1975)	837	102
Kent (pre-2001)	3781	144	Welland (pre-1975)	344	92
Lincoln (pre-1975)	887	76	Wentworth (pre-1975)	2064	92
Muskoka (pre-1975)	1179	112	York (pre-1975)	7012	141

Total cards --- 118,395

Total nesting species ----- 283

**Table 3: Contributors and Card Numbers Processed for ONRS 32**

NAME	C	NAME	C	NAME	C
Abbotts, L.	1	CWS (C. Weseloh)	1	Cosburn (B. Bowles)	1
Addy, D.	1	Cartwright, C.	4	Cosburn (M. Cobb)	1
Algonquin P. Mus.(Calvert)	1	Catto, M. J.	6	Cosburn (J. Kirkpatrick)	2
“ Visitor Cen. (Burke)	1	Chabot, A.	5	Cosburn ( <i>The Raven</i> )	1
“ ” “ (Connolly)	1	Clarke, J. C.	4	Cosburn (D. Scott)	1
<i>American Birds</i>	2	Clements, B.	207	Crins, W. J.	7
<i>Atlas of B.B. of Ontario</i>	9	Coady, G.	3	Crysler, D.	4
Baker, P.	1	<i>Cobourg Star</i>	1	Curtis, R.	2
Bird Studies Canada	64	Coles, G.	31	Davidson, A.	11
Bisson, I.	2	Coles, T.&K.	1	Drew, L.	3
Bradt, T.	4	Cosburn, T.	164	Duncan, B.	1
Bridge, W.	11	Cosburn (M. Armstrong)	1	Edwards, J.	2
Bryan, S.	18	Cosburn (Barrie Hotline)	1	Ellingwood, C.	15
CWS(Col. Waterb. Census)	1046	Cosburn (J. Benton)	1	Elliot, K. & D. Burke	192

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**Table 3: Contributors and Card Numbers Processed for ONRS 32.**

NAME	C	NAME	C	NAME	C
Erskine, A. J.	1	Martin, D.	21	Sandilands, A.	1
Evans, R.	1	McLaren, P.	2	Scanlan, D.	6
Field, M.	5	Middleton, P.	1	Semark, G.	23
Frank, R.	15	Minogue, J.	5	Shilman, D.	1
Gascoigne, D.	9	OMNR (Peterborough)	1	Smith, J. C.	7
Gildner, D. T.	7	OMNR (Thunder Bay) ----		Ticknor, E.	1
Grooms, C.	141	(T. Armstrong/ B. Ratcliff)	31	Tomlinson, D.	68
Groves, B.	2	Ontbirds Website	68	Tozer, D.	5
Hamill, S.	45	Parker, M.	8	Tozer, R.	4
Hapton, T.	1	Peck, G. K.	17	Van Dijk, A.	1
James, R. D.	54	Pittaway, R.	2	Vokes, K.	1
Keenleyside, J. G.	5	Reader, J.	1	Whitelaw, C.	21
Kerr, D. J.	1	Reid, R.	1	Wiercinski, M.	8
Korol, B.	8	Richards, J.	12	Wilcox, A.	3
Lemon, J.	1	Richardson, L.	5	Wills, D.	58
Lewington, D. & G.	31	Ridgen, E.	2	Wilson, A. E.	6
Lumsden, H. G.	16	Robertson, N. & M.	1	<i>Wilson Bulletin, The</i>	14
Maher, N.	5	ROM Field Log (O. Devitt)	222	Wye Marsh (Hudolin, M. and Jarmin, K.)	41